EPA-450/1-73-004

# MONITORING AND AIR QUALITY TRENDS REPORT, 1972

U.S. ENVIRONMENTAL PROTECTION AGENCY

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Monitoring and Data Analysis Division

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air and Water Programs
Office of Air Quality Planning and Standards
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This report has been reviewed by the Monitoring and Data Analysis Division, Office of Air Quality Planning and Standards, Office of Air and Water Programs, Environmental Protection Agency, and approved for publication. Mention of trade names or commercial products does not constitute endorsement or recommendation for use. Copies are available free of charge to Federal employees, current contractors and grantees, and non-profit organizations - as supplies permit - from the Air Pollution Technical Information Center, Environmental Protection Agency, Research Triangle Park, North Carolina 27711, or copies may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20460.

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# ABSTRACT

This report presents a comprehensive tabulation of the nation's air quality and monitoring activities for 1972. Its findings are based on extensive monitoring activities conducted by Federal, State, and local air pollution control agencies organized within established Air Quality Control Regions. Information is provided for four of the five pollutants for which National Ambient Air Quality Standards (NAAQS) have been set. In addition, an analysis of the trends of CO, oxidants, and $NO_2$ are presented for selected AQCR's. A discussion of the trends in sulfate concentrations at National Aerometric Surveillance Network stations is included along with an update for 1972 of the previously published analysis of TSP and $SO_2$.

# LIST OF ABBREVIATIONS

| | |
|---|---|
| AQCR | Air Quality Control Region |
| CAMP | Continuous Air Monitoring Program |
| HC | Hydrocarbons |
| NAAQS | National Ambient Air Quality Standards |
| NADB | National Aerometric Data Bank |
| NASN | National Aerometric Surveillance Network |
| NO | Nitric Oxide |
| $NO_2$ | Nitrogen Dioxide |
| $NO_x$ | Oxides of Nitrogen (NO and $NO_2$) |
| $O_x$ | Total Oxidants |
| PM | Particulate Matter |
| SAROAD | Storage and Retrieval of Aerometric Data |
| SIP | State Implementation Plan |
| $SO_2$ | Sulfur Dioxide |
| TSP | Total Suspended Particulates |

# MONITORING AND AIR QUALITY TRENDS REPORT, 1972

## 1. SUMMARY

### 1.1. INTRODUCTION

This report, which is the second in a series to be issued periodically by the Office of Air and Water Programs, presents an overview of the status of air quality monitoring on a national scale for 1972. Besides providing information to the public, this document should prove useful to Federal and State officials in assessing the progress toward achievement of national air quality goals.

The findings presented in this report are based on extensive monitoring activities conducted by Federal and other agencies within 247 established Air Quality Control Regions (AQCR's). Information is furnished for four of the five pollutants for which National Ambient Air Quality Standards (NAAQS) have been set. These pollutants are suspended particulate matter (PM), sulfur dioxide ($SO_2$), carbon monoxide (CO), and photochemical oxidants ($O_x$). No data for nitrogen dioxide are presented for two reasons: (1) although three candidate methods have been proposed, a standard reference method has not as yet been designated; (2) the regional classification system has been revoked. A new one has been proposed but not yet promulgated as a final regulation. Information on trends in $NO_2$ concentrations is presented for a limited number of areas, however, since the main concern is yearly change rather than absolute averages.

The data acquired by State air quality monitoring stations established under the State Implementation Plans (SIP's) are to be submitted to EPA on a quarterly basis. These data furnish the Agency the bases both for periodic air quality information evaluation and assessment of the rate at which SIP's are achieving their stated goals. Because the report includes information both on current air quality and on the status of SIP air monitoring networks, it should serve as a reference for reviewing the present status of the air quality monitoring program.

### 1.2. NATIONAL MONITORING AND AIR QUALITY DATA SUMMARY

In interpreting data presented in this report, it should be understood that State monitoring networks are to meet the Federal requirements by June 1974. Also, a time lag exists between the installation of a monitor in the field and the incorporation of data into the National Aerometric Data Bank (NADB). This is to emphasize that this report portrays a cross section of an evolving process rather than a final result.

#### 1.2.1. Monitoring Network Summary

Table 1-1 is a summary of nationwide monitoring activity as reported to NADB. As indicated in the first two columns, there has been a substantial increase in the number of reporting stations for all pollutants from 1971 to 1972. This increase can be attributed to both additional monitors being put into the field and others reporting for the first time as a result of SIP reporting requirements. In some cases, the existing number of reporting monitors exceeds the legal

Table 1-1. NATIONWIDE SUMMARY OF STATE MONITORING AS REPORTING TO NADB

| Pollutant/method | 1971[a] | 1972[a] | 1974 proposed | Legal requirement |
|---|---|---|---|---|
| TSP/hi-vol | 1313 | 2683 | 3511 | 1352 |
| $SO_2$/continuous | 62 | 129 | 698 | 213 |
| $SO_2$/bubbler | 347 | 935 | 1431 | 666 |
| $O_x$/continuous | 50 | 113 | 458 | 209 |
| CO/continuous | 58 | 128 | 457 | 133 |
| Total | 1830 | 3988 | 6555 | 2573 |

[a]Represents the number of stations for which valid data exist for at least one quarter. Valid means the data were taken for at least 75 percent of the time interval and were well distributed over that time interval.

requirement; this should be viewed with some caution, however, since the geographical distribution results in many AQCR's being below the minimum requirements, as is demonstrated in Tables 1-2 and 1-3.

Table 1-2. STATUS OF AIR QUALITY CONTROL REGIONS (AQCR) WITH RESPECT TO STATE IMPLEMENTATION PLAN REQUIREMENTS AS OF SEPTEMBER 1973[a]

| Pollutant | Number of AQCR's | | |
|---|---|---|---|
| | Meeting minimum requirements | Not meeting minimum requirements | Monitoring required |
| TSP | 152 | 95 | 247 |
| $SO_2$ | 110 | 137 | 247 |
| CO | 6 | 23 | 29 |
| Oxidants | 5 | 49 | 54 |
| $NO_2$[b] | 0 | 45 | 45 |

[a]Based on 1972 data.

[b]The standard reference measurement method is currently undergoing re-evaluation. A new method and monitoring frequency will be designated by March 1974.

### 1.2.2. Air Quality Summary

The relationship between the total number of monitoring stations for a given pollutant and the number of those stations whose measurements exceeded established standards is presented in Table 1-4. This information is presented for 1972. Note that this table reflects only those stations from the NADB for which sufficient data were available to permit valid assessments of ambient air quality. It does not include all operating stations and, therefore, must not be construed as representing the total number of stations for which measurements may have exceeded air quality standards.

To ensure effective sequencing of State plan development, the Federal Regulations set forth a Priority Classification system under which all AQCR's are grouped into three priority categories. These categories are based on the severity of pollutant concentrations either

Table 1-3. STATUS OF MONITORING ACTIVITY AS REPORTED TO NADB, SEPTEMBER 24, 1973

| Region | No. of AQCR's within region | TSP | | | | | $SO_2$ | | | | | CO | | | | | Oxidants | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of stations | | AQCR's Rept'g | | | No. of stations | | AQCR's Rept'g | | | No. of stations | | AQCR's Rept'g | | | No. of stations | | AQCR's Rept'g | | |
| | | Minimum required | Reporting 1972 | < ½ M.R. | ½ to M.R. | ≥ M.R. | Minimum required | Reporting 1972 | < ½ M.R. | ½ to M.R. | ≥ M.R. | Minimum required | Reporting 1972 | < ½ M.R. | ½ to M.R. | ≥ M.R. | Minimum required | Reporting 1972 | < ½ M.R. | ½ to M.R. | ≥ M.R. |
| I | 21 | 87 | 133 | 6 | 1 | 14 | 82 | 85 | 10 | 1 | 10 | 11 | 4 | 4 | 0 | 17 | 11 | 0 | 4 | 0 | 17 |
| II | 14 | 97 | 315 | 0 | 0 | 14 | 86 | 83 | 3 | 3 | 8 | 21 | 30 | 1 | 1 | 12 | 26 | 10 | 5 | 1 | 8 |
| III | 32 | 177 | 360 | 3 | 4 | 25 | 106 | 136 | 11 | 2 | 19 | 21 | 8 | 5 | 1 | 26 | 26 | 5 | 7 | 0 | 25 |
| IV | 59 | 278 | 562 | 7 | 8 | 44 | 149 | 345 | 14 | 5 | 40 | 3 | 9 | 1 | 0 | 58 | 23 | 8 | 9 | 1 | 49 |
| V | 56 | 252 | 466 | 24 | 7 | 25 | 207 | 234 | 26 | 4 | 26 | 18 | 6 | 4 | 1 | 51 | 34 | 10 | 8 | 1 | 47 |
| VI | 38 | 107 | 315 | 2 | 0 | 36 | 83 | 62 | 16 | 1 | 21 | 2 | 3 | 2 | 0 | 36 | 31 | 7 | 8 | 4 | 26 |
| VII | 28 | 108 | 165 | 4 | 3 | 21 | 39 | 39 | 15 | 0 | 13 | 7 | 5 | 2 | 0 | 26 | 11 | 4 | 3 | 1 | 24 |
| VIII | | 70 | 99 | 11 | 1 | 13 | 39 | 7 | 21 | 0 | 4 | 5 | 5 | 1 | 0 | 24 | 5 | 2 | 1 | 1 | 23 |
| IX | | 99 | 108 | 11 | 0 | 10 | 47 | 47 | 9 | 3 | 9 | 34 | 44 | 3 | 0 | 18 | 34 | 64 | 1 | 1 | 19 |
| X | 19 | 77 | 144 | 1 | 1 | 17 | 36 | 14 | 14 | 1 | 4 | 11 | 11 | 0 | 1 | 18 | 8 | 6 | 1 | 1 | 17 |

[a]Includes intra- and interstate portions of AQCR's.

[b]M.R. -- minimum required.

Table 1-4. STANDARDS STATUS OF MONITORING STATIONS, BY POLLUTANT, 1972

| | Number of stations |
|---|---|
| Suspended particulates | |
| Total stations with year's valid data[a] | 1589 |
| Exceeding annual secondary standard[b] | 871 |
| Exceeding annual primary standard | 516 |
| Total stations with valid data for 1 or more quarters | 2683 |
| Exceeding 24-hr secondary standard | 1100 |
| Exceeding 24-hr primary standard | 261 |
| Sulfur dioxide | |
| Total stations with year's valid data[a] | 500 |
| Exceeding annual primary standard | 9 |
| Total stations with valid data for 1 or more quarters | 1064 |
| Exceeding 24-hr primary standard | 24 |
| Exceeding 3-hr secondary standard | 10 |
| Carbon monoxide | |
| Total stations with valid data for 1 or more quarters[a] | 128 |
| Exceeding 1-hr standard | 13 |
| Exceeding 8-hr standard | 95 |
| Total oxidants or ozone | |
| Total stations with valid data for 1 or more quarters[a] | 111 |
| Exceeding 1-hr standard | 93 |

[a]Sufficient data available from which statistics can be calculated.

[b]This is considered to be an air quality guide rather than a standard.

directly measured or estimated. A given AQCR is categorized by individual pollutant rather than on an overall basis. Thus, a Region may be classified as Priority I (most severe) for one pollutant and Priority III for another. This Priority Classification system was designed to guide the States in allocating resources for pollution control measures.

Table 1-5 presents a summary of the number of AQCR's with measurements in excess of NAAQS by pollutant priority classification. Based on data available in NADB, 3 TSP Priority I or Ia AQCR's did not exceed any standards in 1972. More importantly, in 1972, 9 Priority III AQCR's exceeded the annual primary standard (7 others exceeded only the secondary guide), and 12 exceeded the primary 24-hour standard (8 others exceeded only the secondary standard).

The fact that Priority I AQCR's have met or are meeting NAAQS is encouraging, but because of data limitations, it can not be concluded that NAAQS are being met everywhere in the Region. The fact, however, that concentrations in excess of NAAQS are being measured in Priority III Regions is a matter of important interest since SIP requirements may be less stringent for these Priority III Regions and, thus, promulgated control strategies might not necessarily be effective in achieving NAAQS.

In addition, 124 Priority I and II AQCR's exceeded any primary TSP standard in 1972, while 162 AQCR's had stations reporting data in excess of any secondary standards.

Only 19 out of 162 AQCR's with data were in excess of any primary standards for $SO_2$.

Table 1-5. AQCR STATUS WITH RESPECT TO STANDARDS, SUMMARIZED BY PRIORITY CLASSIFICATION, 1972

| Status | Priority | | | |
|---|---|---|---|---|
| | I | II | III | Totals |
| Suspended particulates | | | | |
| Total AQCR's in each priority class | 120 | 70 | 57 | 247 |
| No. of AQCR's not exceeding any standards | 3 | 9 | 9 | 21 |
| No. of AQCR's reporting sufficient quarterly or annual data | 118 | 63 | 37 | 218 |
| No. of AQCR's exceeding any secondary standard or guide | 113 | 49 | 23 | 185 |
| No. of AQCR's exceeding any primary standard | 102 | 22 | 14 | 138 |
| No. of AQCR's exceeding secondary 24-hr standard | 110 | 41 | 20 | 171 |
| No. of AQCR's exceeding primary 24-hr standard | 77 | 10 | 12 | 99 |
| No. of AQCR's reporting sufficient annual data | 110 | 53 | 28 | 191 |
| No. of AQCR's exceeding secondary annual guide | 103 | 38 | 16 | 157 |
| No. of AQCR's exceeding primary annual standard | 93 | 20 | 9 | 122 |
| No. of AQCR's reporting only sufficient quarterly data | 8 | 10 | 9 | 27 |
| No. of AQCR's reporting insufficient data to compare to NAAQS | 2 | 7 | 20 | 29 |
| Sulfur dioxide | | | | |
| Total AQCR's in each priority class | 60 | 41 | 146 | 247 |
| No. of AQCR's not exceeding any standards | 29 | 23 | 53 | 105 |
| No. of AQCR's reporting sufficient quarterly or annual data | 52 | 31 | 79 | 162 |
| No. of AQCR's exceeding the secondary 3-hr standard | 6 | 1 | 0 | 7 |
| No. of AQCR's exceeding any primary standard | 13 | 4 | 2 | 19 |
| No. of AQCR's exceeding primary 24-hr standard | 13 | 4 | 2 | 19 |
| No. of AQCR's reporting sufficient annual data | 41 | 27 | 55 | 123 |
| No. of AQCR's exceeding primary annual standard | 4 | 0 | 0 | 4 |
| No. of AQCR's reporting only sufficient quarterly data | 11 | 4 | 24 | 39 |
| No. of AQCR's reporting insufficient data to compare to NAAQS | 8 | 10 | 67 | 85 |
| Carbon monoxide | | | | |
| Total AQCR's in each priority class | 30 | | 217 | 247 |
| No. of AQCR's reporting sufficient quarterly or annual data | 22 | | 26 | 48 |
| No. of AQCR's exceeding any primary standard | 21 | | 21 | 42 |
| Oxidants | | | | |
| Total AQCR's in each priority class | 55 | | 192 | 247 |
| No. of AQCR's reporting sufficient quarterly or annual data | 31 | | 7 | 38 |
| No. of AQCR's exceeding any primary standard | 25 | | 3 | 28 |

In almost every AQCR where data were taken, the 8-hour standard for CO was exceeded. Of the 48 AQCR's for which data were available, 42 Regions--21 of which are classified Priority III--exceeded at least one CO standard.

For oxidants, out of 38 AQCR's with data, 28 were in violation of the 1-hour standard.

A pictorial and geographical display of AQCR status with respect to air quality standards is shown in Figures 1-1 through 1-4.

## 1.3. TRENDS IN AIR QUALITY

The air quality trends discussed in this report are based on Federal as well as State and local data. The Federal data, collected via the National Air Surveillance Network (NASN) provide the basis for an assessment of national trends in total suspended particulates, sulfur dioxide, and sulfates.

At the inception of NASN, resource limitations dictated placement of only one major station in each urban area. Stations were located primarily in downtown or center-city areas and, therefore, do not necessarily reflect the "worst" air quality to be found in heavily industrialized portions of many cities. Thus, the national trend interpretations must be viewed with this data-collection limitation in mind.

When examining carbon monoxide, nitrogen dioxide, and oxidant, there are insufficient historical data to make a national assessment. For this reason, two Regions were selected, Los Angeles and selected sites in New Jersey. The Los Angeles area was selected because this region has a large number of sites and is therefore amenable to both spatial and temporal analyses. To complement the discussion of this West Coast Region, three sites in New Jersey are also examined to indicate comparable patterns in a different geographical region.

### 1.3.1. Trends in Total Suspended Particulate

As demonstrated in Figure 1-5, concentrations of total suspended particulate matter experienced a general decline at many urban areas across the nation during the 1960's. In comparison, only a minor overall change has been observed thus far during the 1970's. For the urban sites, the composite average decreased from approximately 110 $\mu g/m^3$ in 1960 to 82 $\mu g/m^3$ in 1972, an overall decrease of approximately 25 percent.

### 1.3.2. Trends in Sulfur Dioxide

A nationwide decrease in ambient sulfur dioxide concentrations was observed throughout the stations of the NASN over the 8-year period 1964-1971, as can be seen in Figure 1-6. It can be noted that, although the level is higher for 1972 than 1971, it is comparable to the level of 1970 at many sites and is usually lower than the levels present during the late 1960's.

Seven stations with the largest increase in $SO_2$ concentrations between 1971 and 1972 were selected for a detailed examination that compared their air quality concentrations with their annual degree-day values. The conclusion derived from the analysis is that the decrease in the $SO_2$ composite average between 1970 and 1971 was probably a true decrease, whereas the reversal from 1971 to 1972 is greatly exaggerated because the number of degree-days for 1972 was above normal. Therefore, it is not certain that a trend reversal was begun in 1972 but, rather, it would appear that the higher levels that were experienced are of a temporary, non-sustaining nature, provided there is no significant change in air pollution control strategies dealing with $SO_2$ sources.

Finally, a detailed discussion of trends in $SO_2$ concentrations compared with regulations governing sulfur content in fuel is presented for three metropolitan areas. For the most part, the decrease in $SO_2$ concentrations for each of these areas can be attributed primarily to sulfur-content regulations.

### 1.3.3. Trends in Sulfates as Related to Total Suspended Particulate and Sulfur Dioxide

Sulfates were examined because it is recognized that human respiratory disease is more closely associated with sulfates than with sulfur dioxide. In light of the downward trends in

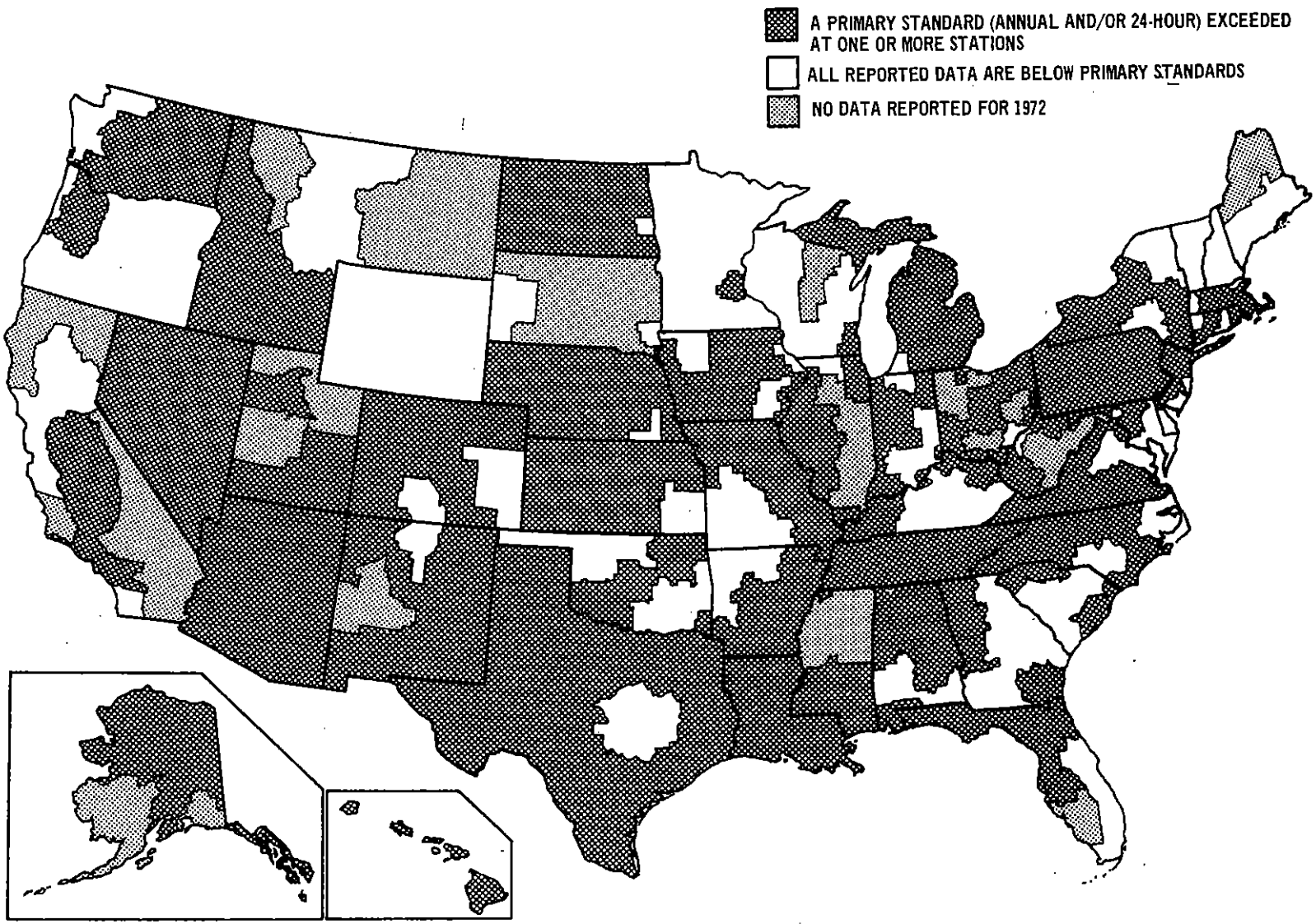


Figure 1-1. Status of suspended particulate levels, 1972.

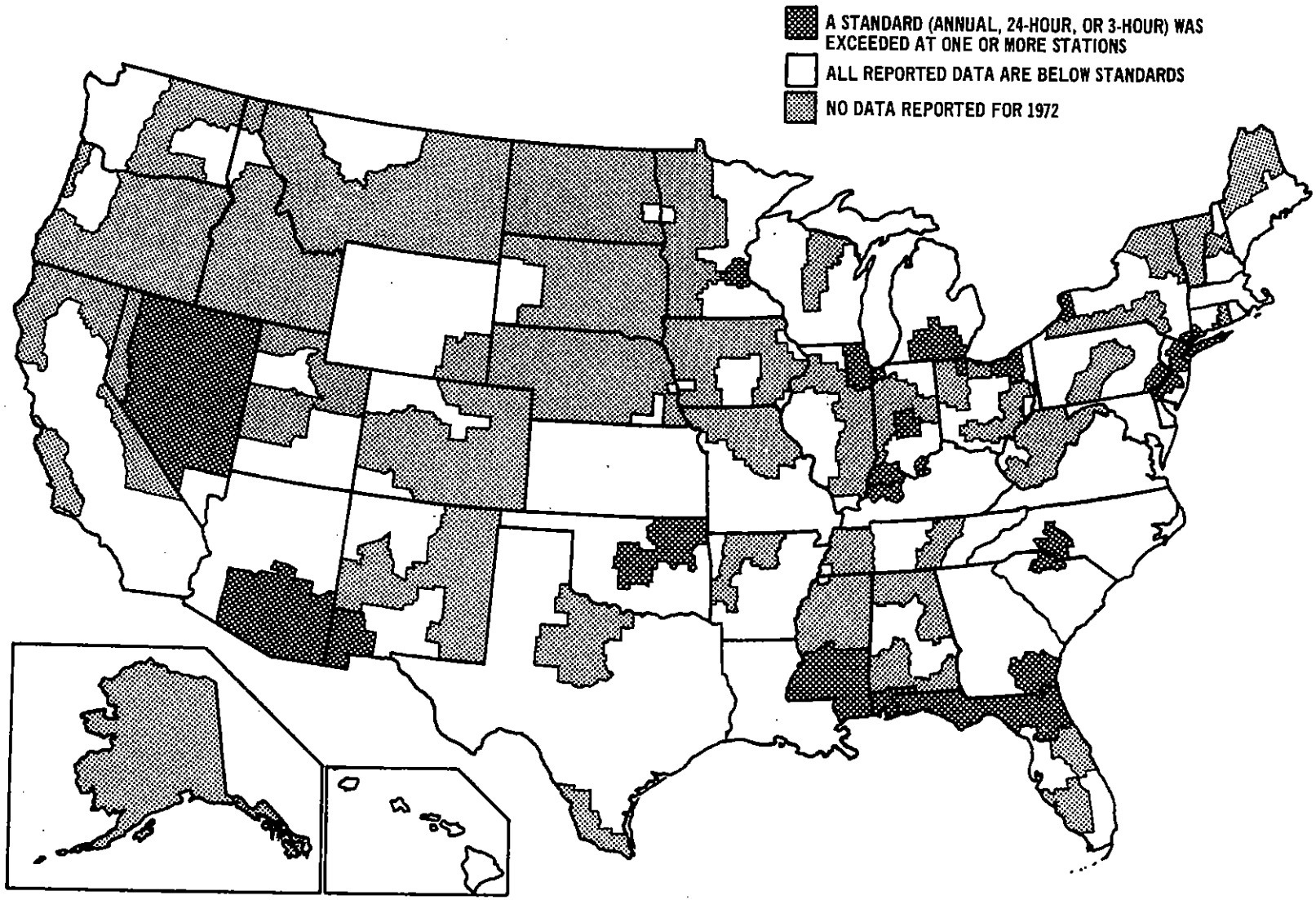


Figure 1-2. Status of sulfur dioxide levels, 1972.

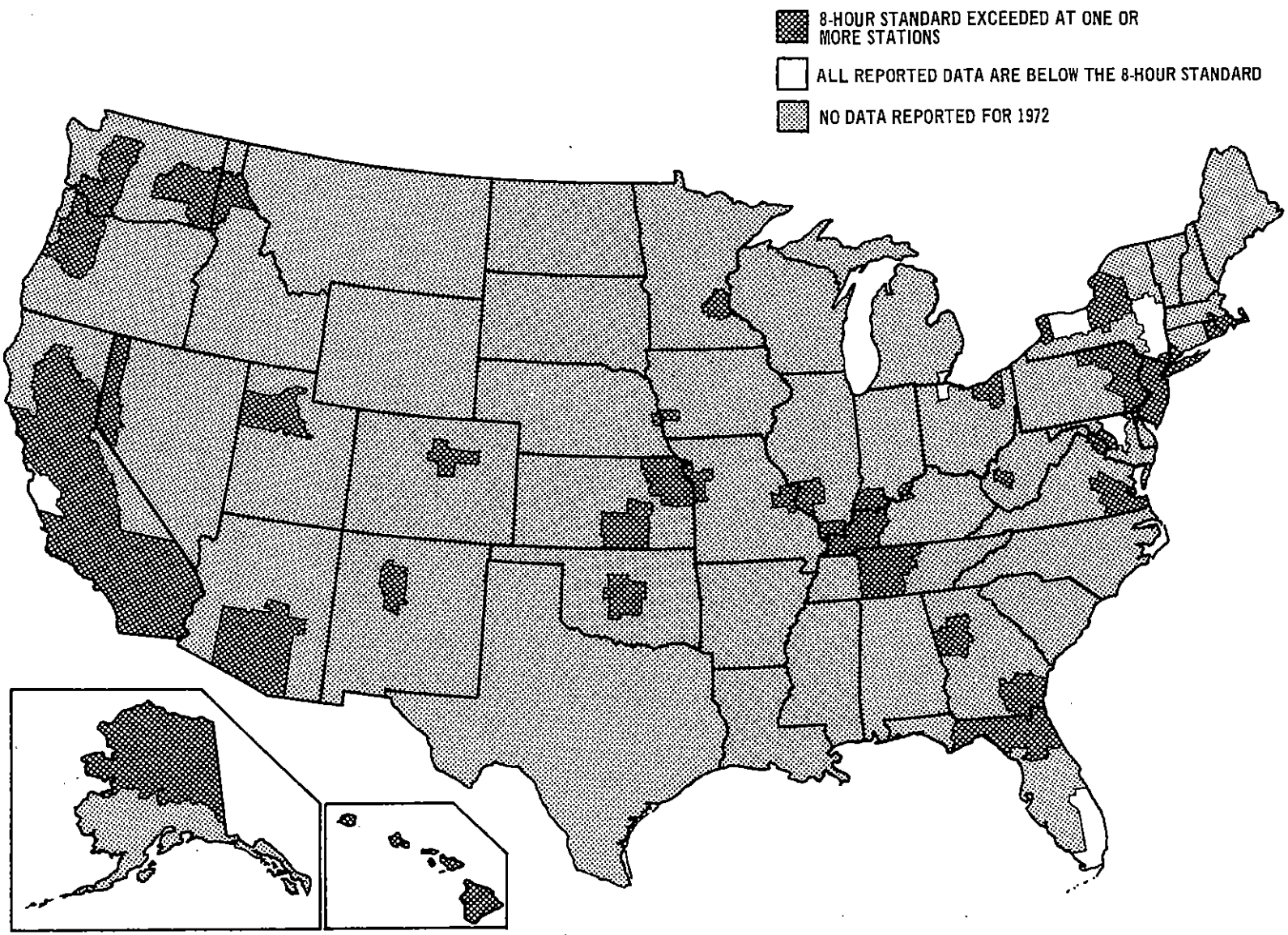


Figure 1-3. Status of carbon monoxide levels, 1972.

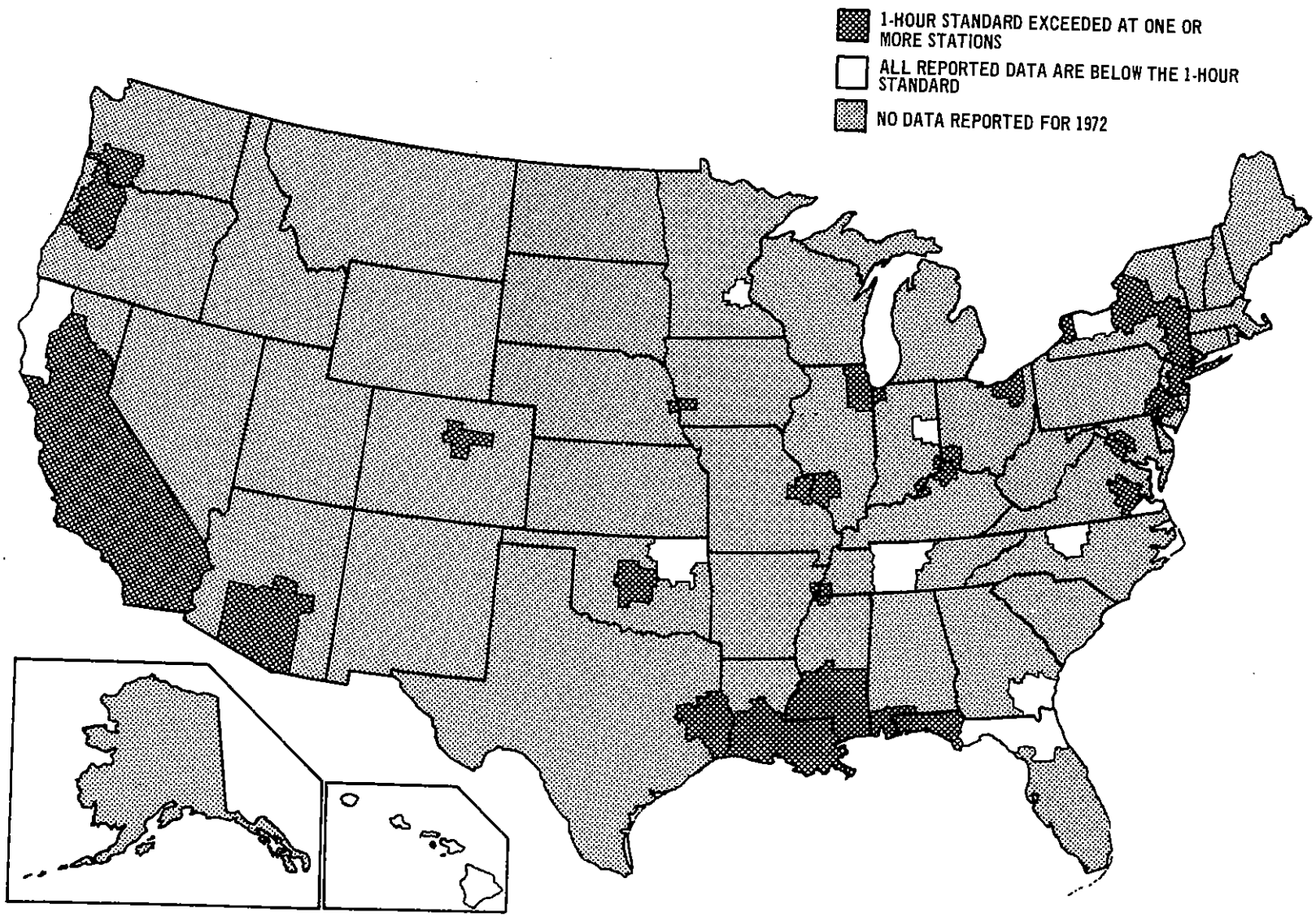


Figure 1-4. Status of oxidants, 1972.

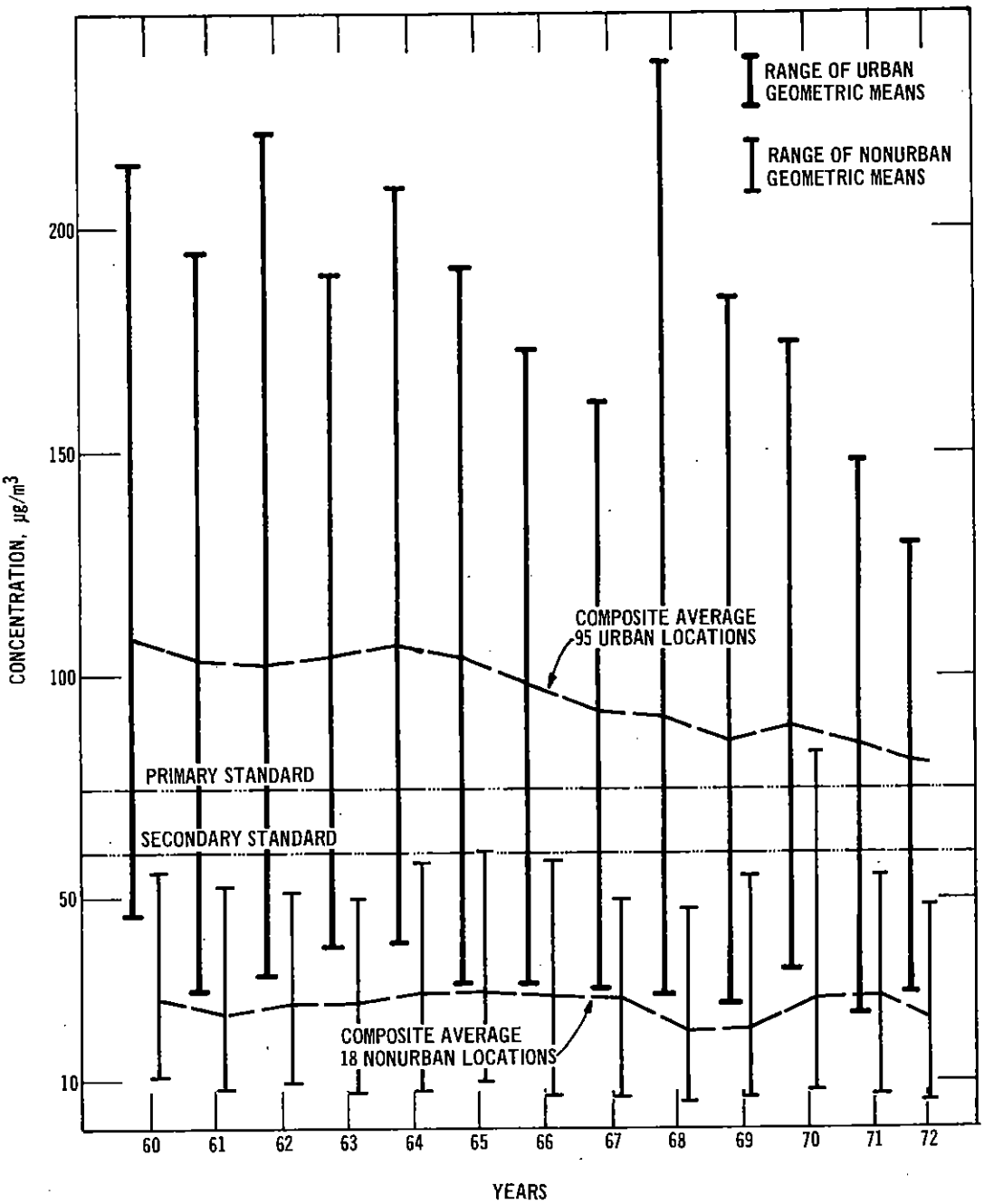


Figure 1-5. Composite levels of total suspended particulate at urban and nonurban NASN stations.

TSP and $SO_2$, a corresponding decline in sulfates ($SO_4^=$) might be expected. The results of this analysis, based on data from 62 sites over the years 1964 through 1970, do not bear out this expectation. In the majority of instances, the quantity of sulfate in the high-volume samples has remained essentially unchanged. Moreover, sulfate concentrations seem to be somewhat independent of ambient sulfur dioxide concentrations at individual locations and can be better described by the concentration of total suspended particulates and the general geographic locality of the monitoring station.

### 1.3.4. Trends in Carbon Monoxide, Nitrogen Dioxide, and Oxidant

Because of insufficient historical data to make a national assessment, two regions were selected for trends analysis--Los Angeles and selected sites in New Jersey. Although each

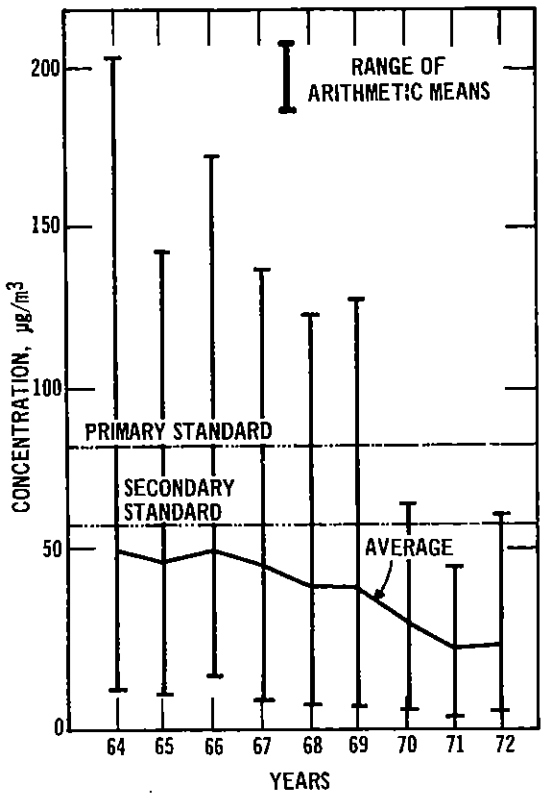


Figure 1-6. Composite levels of sulfur dioxide at 32 NASN stations.

site has its own particular pattern, it is possible to make certain generalizations regarding the trends for these pollutants. Oxidant reaches a peak in the summer months, whereas nitrogen dioxide and carbon monoxide peak during the winter.

Overall carbon monoxide averages have decreased notably since 1968. Even after adjusting for the upward bias from 1 to 4 ppm (1.1 to 4.6 $mg/m^3$) due to instrumental modification for sites in Los Angeles County prior to April 1968, there has still been a decline in CO concentrations in Los Angeles County. While the frequency of excursions above the 8-hour primary standard has dropped since 1968, a corresponding reduction in 1-hour maximum concentrations was not always achieved.

Trends in the annual average for nitrogen dioxide showed a mixture of patterns. Whereas the three New Jersey sites reported marginal declines, the predominant pattern in the Los Angeles area was increasing.

Oxidant concentrations have shown a general decline since the late 1960's. Although oxidant is an area-wide pollutant, the discussion of Los Angeles indicates the variability of patterns that co-exist within a fairly specific geographical area.

Finally, a comparison is made between carbon monoxide, oxidants, and nitrogen oxides and their associated emissions. It is shown that trends in the pollutants generally corresponded with the trends in their associated emissions, demonstrating the success of the emission control strategy for mobile sources.

# 2. INTRODUCTION

This report presents a comprehensive tabulation of the nation's air quality and monitoring activities for 1972. Its findings are based on extensive monitoring activities conducted by Federal, State, and local air pollution control agencies organized within established Air Quality Control Regions (AQCR's). Information is provided for the four pollutants for which National Ambient Air Quality Standards (NAAQS) have been set. In addition, analyses of the trends of CO, oxidants, and $NO_2$ are presented for selected AQCR's. A discussion of the trends in sulfate concentrations at NASN is included along with an update for 1972 of the previously published analyses of TSP and $SO_2$.[1]

The two-volume report entitled The National Air Monitoring Program: Air Quality and Emissions Trends Annual Report[1] contains air quality data and monitoring network information for years prior to 1972, along with the aforementioned analyses of the air quality trends at the NASN.

## 2.1. GENERAL BACKGROUND

As a result of the Clean Air Act (amended 1970) and various regulations[2,3] promulgated by EPA, the States were required to adopt and submit to the Administrator a plan which provides for the achievement of air quality standards and maintenance of existing air quality where standards are already being met. EPA has the responsibility for surveillance of the SIP's to determine whether they are being adequately supported and whether sufficient progress is being made toward meeting national air quality goals. Because of EPA's recognition of the deficiencies of many of the air quality data used to develop these plans, the States were required to establish air quality surveillance systems (meeting minimum criteria) which must be operational by June 1974. Data submitted from the operation of these networks are to form the basis for assessing the degree to which NAAQS's are realized. In addition, the States are required to submit to EPA, on a quarterly basis, all of the air quality data which they have obtained from their existing monitoring networks. These data are to be submitted to the EPA Regional Offices for examination for inconsistencies and errors. The corrected data are then to be forwarded to the Office of Air Quality Planning and Standards for inclusion in the National Aerometric Data Bank.

The time required to process the air quality data from the States through the Regional Offices to the NADB, and evaluate the data for trends or for compliance with NAAQS's is on the order of 6 months. Thus, this report will contain only 1972 data.

Data on 1972 $NO_2$ air quality or $NO_2$ monitoring networks will not be covered in this report since the reference method will not be designated until March 1974. Data from existing networks will be summarized as soon as a new reference method and equivalency factors for existing networks are established.

## 2.2. AIR QUALITY SURVEILLANCE PROGRAMS

The following is a brief account of the status of the NASN and CAMP networks. A more detailed discussion of the nature and purpose of all the Federal and State monitoring networks has been published previously.[1]

### 2.2.1. Status of NASN Decentralization

The National Air Surveillance Network is currently undergoing a decentralization from NERC/RTP to the Regional Offices. This process involves the transfer of NERC personnel and some of the laboratory functions to the Regions. The Regional personnel can either perform the laboratory work themselves or rely on the States for the analyses. A quality control program is being conducted by NERC personnel to ensure that samples analyzed by the various labora-

tories will be comparable. In addition, contacts have been established to provide for a smooth and orderly transfer of responsibilities and to minimize any discontinuities in the data-flow process.

As a result of this decentralization, several stations are either being shut down or removed. It is the policy of Monitoring and Data Analysis Division not to move or alter the sampling environment of sites which have a long history of data collection (over 10 years). MDAD personnel are coordinating with the NERC and Regional Offices to ensure that these long-term sites remain intact.

### 2.2.2. Status of CAMP Network

The Continuous Air Monitoring Program has been providing continuous data on air pollutants since the early 1960's. It was established by the Division of Air Pollution of the Public Health Service because a good data base did not exist at the time and little was known about diurnal air pollution patterns.

Because many State and local agencies are currently collecting data on a continuous basis, the need for the CAMP data has diminished. The CAMP network, however, does include some of the very few monitoring stations for long-term trend data. Also, several SIP's were based on data derived from these stations. Therefore, it was desirable to retain these stations to maintain the ability to look at long-term trends and also to monitor progress towards meeting the goals of the SIP's.

All of the CAMP stations (Denver, Cincinnati, Washington, D.C., St. Louis, Chicago, and Philadelphia) will remain in operation under funding by the EPA Regional Offices or NERC/RTP. The Cincinnati station will be closed temporarily while it is moved to a new location due to urban renewal activity at its present location.

## 2.3. REPORT LIMITATIONS

This report presents a comprehensive compilation and analysis of air quality data for 1972. Even though it is comprehensive, it must be recognized that there are several limitations which prevent a complete and representative analysis of the nation's air quality.

The first limitation concerns the scope of the national coverage of air quality data. For some pollutants, nearly all AQCR's are reporting measured data; for other pollutants, the national sample is heavily weighted by a handful of states.

Another limitation involves the fact that, on an AQCR basis, there may be a miminum required network in operation. In some areas, however, the samples may not be taken in representative areas of the Region, or an adequate quality control program may not be fully operational.

Finally, in other AQCR's, minimally adequate networks are not yet operational. Thus, compliance with NAAQS's in these areas is difficult to determine with confidence.

## 2.4. REFERENCES


1. The National Air Monitoring Program: Air Quality and Emissions Trends Annual Report. U.S. Environmental Protection Agency, Research Triangle Park, N.C. Publication Numbers EPA-450/1-73-001a (Vol. I) and EPA-450/1-73-001b (Vol. II). August 1973.

2. Federal Register, Vol. 36, No. 84, April 30, 1971, National Primary and Secondary Ambient Air Quality Standards.

3. Federal Register, Vol. 36, No. 158, August 14, 1971, Requirements for Preparation, Adoption, and Submittal of Implementation Plans.

# 3. STATUS OF MONITORING AND AIR QUALITY DATA

This section presents a summary account of national air quality and monitoring network data collected up to the end of calendar year 1972. Because of delays in State information processing and transmittal, the data for the first two quarters of 1973 are not yet available in sufficient amounts to warrant their inclusion in this report. The discussions of both air quality and monitoring networks are preceded by descriptions of the basic collection mechanisms by which these data were obtained. Summaries of the collected data are presented on both a national and an AQCR basis and include interpretative comments designed to highlight significant findings.

It is expected that the summary data presented in this section will be of value in providing an assessment of the degree to which the States are attaining compliance with the monitoring requirements that they must meet under the implementation planning program. In interpreting the data contained in this section, the reader should keep in mind that the program requirements are to be achieved progressively over a period ending not later than 1977.

A discussion of the implementation planning process can be found in the National Air Monitoring Program: Air Quality and Emissions Trends Annual Report.[1]

Both air quality and monitoring network data are first presented on a nationwide basis to provide a preliminary overview. Data are then tabulated on an AQCR basis in order to display prevailing patterns within any specific Region of interest.

Review of the data presented in this and the following section should be conducted with the understanding that the interpretation of a specific measurement should take into account not only its degree of validity per se, but also its usefulness as a representative indicator of air quality. The usefulness of data presented is influenced by many factors which are independent of the measurement process. All such factors, which include meteorological and topographical effects, atmospheric reactions and removal processes, and sensor location, influence the degree to which a given measurement is representative of air quality.

## 3.1. STATUS OF MONITORING NETWORKS

The following sections present both a national and regional overview of the State monitoring networks. These summaries are based on data in the National Aerometric Data Bank as of October 1973.

### 3.1.1. National Monitoring Summary

The relationship between the number of stations now existing and the minimum national totals on a pollutant basis which must be operational by 1974 provides one measure of progress in implementation plan achievement. The number of monitoring stations both existing and required under the implementation planning process by pollutant and method on a nationwide basis is presented in Table 3-1. As this table shows, the number of existing stations in a given category, in some instances, exceeds the 1974 legal requirement.

### 3.1.2. State Monitoring

Table 3-2 presents a summary of the States' progress in achieving the required network size. Another breakdown is shown in Table 3-3 for each of the 10 EPA Regions. A more detailed discussion of these data for each AQCR is presented in the next section.

The degree of network completion progress varies by pollutant. For TSP, over two-thirds of the AQCR's have greater than the required number of high-volume samplers. Nearly half of the $SO_2$ networks exceed the minimum requirements. Over 90 percent of the CO networks and nearly 82 percent of the oxidant networks exceed the requirements.

Table 3-1. NATIONWIDE SUMMARY OF STATE MONITORING STATIONS REPORTING TO NADB, OCTOBER 1973

| Pollutant/method | 1971[a] | 1972[a] | 1974 proposed | Legal requirement |
|---|---|---|---|---|
| TSP/hi-vol | 1313 | 2683 | 3511 | 1352 |
| $SO_2$/continuous | 62 | 129 | 698 | 213 |
| $SO_2$/bubbler | 347 | 935 | 1431 | 666 |
| $O_x$/continuous | 50 | 113 | 458 | 209 |
| CO/continuous | 58 | 128 | 457 | 133 |
| Total | 1830 | 3988 | 6555 | 2573 |

[a]Represents the number of stations for which valid data exist for at least one quarter. Valid means the data were taken for at least 75 percent of the time interval and were well distributed over that time interval.

It should be noted, however, that many AQCR's are not required to have any CO or oxidant monitors. Further, the comparisons made here are based on minimum requirements rather than on the number of monitors needed for an adequate network size to meet all objectives of a monitoring program. Thus, the progress in CO and oxidant monitoring networks based on the above percentages is optimistic. (Under current regulations, only 29 and 54 AQCR's are required to have monitors in the field for CO and oxidants, respectively.)

### 3.1.3. Regional Monitoring Progress Summary

Table 3-4 presents for each AQCR (for interstate AQCR's, the State portions are presented) a status report of the progress being made towards achieving the minimum required network size. This analysis was based on stations that have reported to the NADB as of October 1973. Thus, monitors that have just been installed recently would not be included.

It must be emphasized that in many cases, especially for the automotive related pollutants (i.e., CO and oxidants) and in AQCR's where transportation control plans are required, the minimum required networks would not be considered adequate at this time for defining the pollutant levels and distribution. Regulations governing state monitoring requirements are currently being reevaluated by MDAD. These regulations will also cover areas not addressed previously, such as nondegradation and complex sources.

## 3.2. SUMMARY OF 1972 AIR QUALITY DATA

The 1972 air quality data available in NADB as of October 1973 have been analyzed, and summaries on the status with respect to air quality standards have been included in this section on both a national and an AQCR basis. Breakdowns are presented by Priority Classification where appropriate. Detailed data on individual stations are presented in the Appendix.

### 3.2.1. National Summary

Table 3-5 sorts the AQCR numbers by Priority Classification for each pollutant and presents the number of AQCR's in each classification that have at least one station exceeding one or more of the standards in 1972.

Under suspended particulate, for example, the table lists Priority I AQCR's according to whether they meet all particulate standards or have exceeded one or more of these standards. In addition, Priority II and III AQCR's are listed each according to their standing with respect to the particulate standards based on the available data. Columns are included showing AQCR's with fragmentary data or with no data on record with NADB as of mid-October 1973.

## Table 3-2. STATUS OF MONITORING ACTIVITY AS REPORTED TO NADB, BY STATES, SEPTEMBER 24, 1973

| State | AQCR's within state[a] | TSP | | | | | | $SO_2$ | | | | | | CO | | | | | | Oxidants | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of stations | | | AQCR's rept'g. | | | No. of stations | | | AQCR's rept'g. | | | No. of stations | | | AQCR's rept'g. | | | No. of stations | | | AQCR's rept'g. | | |
| | | Min. req'd. | Rept'g. 1972 | Req'd. not rept'g. | <½ M.R. | ½ to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | Req'd. not rept'g. | <½ M.R. | ½ to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | Req'd. not rept'g. | <½ M.R. | ½ to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | Reg'd. not rept'g. | <½ M.R. | ½ to M.R. | ≥ M.R. |
| Alabama | 7 | 34 | 60 | 1 | 0 | 1 | 6 | 15 | 10 | 8 | 4 | 1 | 2 | 3 | 0 | 1 | 1 | 0 | 6 | 4 | 1 | 3 | 1 | 0 | 6 |
| Alaska | 4 | 11 | 17 | 1 | 1 | 0 | 3 | 7 | 7 | 0 | 4 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| Arizona | 4 | 17 | 32 | 0 | 0 | 0 | 4 | 16 | 15 | 4 | 0 | 1 | 3 | 3 | 1 | 2 | 1 | 0 | 3 | 3 | 2 | 1 | 0 | 1 | 3 |
| Arkansas | 7 | 10 | 28 | 0 | 0 | 0 | 7 | 4 | 2 | 3 | 3 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 7 |
| California | 11 | 64 | 18 | 47 | 10 | 0 | 1 | 17 | 15 | 6 | 6 | 0 | 5 | 29 | 42 | 2 | 1 | 0 | 10 | 29 | 60 | 1 | 1 | 0 | 10 |
| Colorado | 8 | 28 | 68 | 0 | 0 | 0 | 8 | 8 | 3 | 7 | 7 | 0 | 1 | 3 | 1 | 2 | 1 | 0 | 7 | 3 | 2 | 1 | 0 | 1 | 7 |
| Connecticut | 4 | 16 | 25 | 0 | 0 | 0 | 4 | 14 | 4 | 10 | 2 | 1 | 1 | 4 | 0 | 4 | 2 | 0 | 2 | 4 | 0 | 4 | 2 | 0 | 2 |
| Delaware | 2 | 3 | 16 | 0 | 0 | 0 | 2 | 3 | 10 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 |
| D. C. | 1 | 4 | 2 | 2 | 0 | 1 | 0 | 4 | 4 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 |
| Florida | 6 | 32 | 39 | 6 | 2 | 9 | 4 | 24 | 36 | 2 | 2 | 9 | 4 | 0 | 3 | 0 | 0 | 0 | 6 | 4 | 2 | 2 | 1 | 1 | 4 |
| Georgia | 9 | 43 | 29 | 13 | 1 | 7 | 1 | 36 | 14 | 23 | 3 | 3 | 3 | 0 | 1 | 0 | 0 | 0 | 9 | 1 | 0 | 1 | 1 | 0 | 8 |
| Hawaii | 1 | 3 | 14 | 0 | 0 | 0 | 1 | 1 | 12 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| Idaho | 4 | 15 | 25 | 2 | 0 | 1 | 3 | 7 | 0 | 7 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| Illinois | 11 | 54 | 54 | 26 | 8 | 2 | 1 | 52 | 38 | 26 | 7 | 0 | 4 | 10 | 0 | 10 | 2 | 0 | 9 | 10 | 1 | 9 | 2 | 0 | 9 |
| Indiana | 10 | 42 | 117 | 1 | 0 | 2 | 8 | 37 | 61 | 17 | 4 | 0 | 6 | 4 | 0 | 4 | 2 | 0 | 8 | 4 | 1 | 3 | 2 | 0 | 8 |

Min. - Minimum  Req'd - Required  Rept'g - Reporting  MR - Minimum required

[a]Includes intra- and interstate portions of AQCR's.

TABLE 3-2 (continued). STATUS OF MONITORING ACTIVITY AS REPORTED TO NADB, BY STATES, SEPTEMBER 24, 1973

| State | AQCR's within state[a] | TSP | | | | | | $SO_2$ | | | | | | CO | | | | | | Oxidants | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of stations | | | AQCR's rept'g. | | | No. of stations | | | AQCR's rept'g. | | | No. of stations | | | AQCR's rept'g. | | | No. of stations | | | AQCR's rept'g. | | |
| | | Min. req'd. | Rept'g. 1972 | Req'd. not rept'g. | <½ M.R. | ½ to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | Req'd. not rept'g. | <½ M.R. | ½ to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | Req'd. not rept'g. | <½ M.R. | ½ to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | Reg'd. not rept'g. | <½ M.R. | ½ to M.R. | ≥ M.R. |
| Iowa | 12 | 32 | 26 | 9 | 3 | 1 | 8 | 13 | 2 | 11 | 10 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 2 | 1 | 0 | 11 |
| Kansas | 7 | 35 | 57 | 2 | 0 | 1 | 6 | 6 | 31 | 0 | 0 | 0 | 7 | 1 | 3 | 0 | 0 | 0 | 7 | 3 | 2 | 1 | 0 | 1 | 6 |
| Kentucky | 9 | 30 | 88 | 2 | 1 | 0 | 8 | 18 | 78 | 0 | 0 | 0 | 9 | 0 | 4 | 0 | 0 | 0 | 9 | 3 | 2 | 1 | 1 | 0 | 8 |
| Louisiana | 3 | 5 | 11 | 0 | 0 | 0 | 3 | 15 | 17 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 5 | 4 | 1 | 0 | 1 | 2 |
| Maine | 5 | 13 | 6 | 7 | 4 | 1 | 0 | 13 | 9 | 7 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| Maryland | 6 | 31 | 85 | 0 | 0 | 0 | 6 | 29 | 50 | 0 | 0 | 0 | 6 | 6 | 1 | 5 | 2 | 0 | 4 | 6 | 0 | 6 | 2 | 0 | 4 |
| Massachusetts | 6 | 39 | 52 | 6 | 1 | 0 | 5 | 34 | 48 | 0 | 0 | 0 | 6 | 7 | 2 | 5 | 2 | 0 | 4 | 7 | 0 | 7 | 2 | 0 | 4 |
| Michigan | 6 | 29 | 108 | 0 | 0 | 0 | 6 | 27 | 42 | 1 | 0 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 6 |
| Minnesota | 7 | 25 | 57 | 2 | 1 | 1 | 5 | 23 | 18 | 6 | 3 | 2 | 2 | 4 | 2 | 2 | 0 | 1 | 6 | 0 | 1 | 0 | 0 | 0 | 7 |
| Mississippi | 4 | 11 | 1 | 9 | 3 | 0 | 1 | 9 | 2 | 7 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 4 | 2 | 0 | 2 | 1 | 0 | 3 |
| Missouri | 5 | 30 | 46 | 6 | 1 | 0 | 4 | 15 | 4 | 11 | 3 | 0 | 2 | 6 | 1 | 5 | 2 | 0 | 3 | 6 | 1 | 5 | 2 | 0 | 3 |
| Montana | 5 | 13 | 2 | 11 | 4 | 0 | 1 | 14 | 1 | 13 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 1 | 0 | 0 | 0 | 5 |
| Nebraska | 4 | 11 | 36 | 0 | 0 | 0 | 4 | 5 | 2 | 4 | 3 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 4 | 0 | 1 | 0 | 0 | 0 | 4 |
| Nevada | 3 | 13 | 41 | 0 | 0 | 0 | 3 | 8 | 3 | 5 | 2 | 1 | 0 | 2 | 0 | 2 | 1 | 0 | 2 | 2 | 1 | 2 | 1 | 0 | 2 |
| New Hampshire | 3 | 8 | 25 | 0 | 0 | 0 | 3 | 9 | 4 | 5 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |

Min. - Minimum  Req'd - Required  Rept'g - Reporting  MR - Minimum required

[a]Includes intra- and interstate portions of AQCR's.

TABLE 3-2 (continued). STATUS OF MONITORING ACTIVITY AS REPORTED TO NADB, BY STATES, SEPTEMBER 24, 1973

| State | AQCR's within state[a] | TSP | | | | | | $SO_2$ | | | | | | CO | | | | | | Oxidants | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of stations | | | AQCR's rept'g. | | | No. of stations | | | AQCR's rept'g. | | | No. of stations | | | AQCR's rept'g. | | | No. of stations | | | AQCR's rept'g. | | |
| | | Min. req'd | Rept'g. 1972 | Req'd. not rept'g. | <½ M.R. | ½ to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | Req'd. not rept'g. | <½ M.R. | ½ to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | Req'd. not rept'g. | <½ M.R. | ½ to M.R. | ≥ M.R. | Min. req'd | Rept'g. 1972 | Req'd. not rept'g. | <½ M.R. | ½ to M.R. | ≥ M.R. |
| New Jersey | 4 | 19 | 78 | 0 | 0 | 0 | 4 | 20 | 28 | 2 | 0 | 1 | 3 | 28 | 20 | 2 | 0 | 1 | 3 | 7 | 3 | 4 | 1 | 1 | 2 |
| New Mexico | 8 | 16 | 26 | 2 | 2 | 0 | 6 | 9 | 5 | 5 | 4 | 1 | 3 | 1 | 1 | 1 | 1 | 0 | 7 | 3 | 1 | 2 | 1 | 1 | 6 |
| New York | 8 | 72 | 228 | 0 | 0 | 0 | 8 | 58 | 49 | 25 | 3 | 1 | 4 | 13 | 10 | 8 | 1 | 1 | 6 | 19 | 7 | 13 | 4 | 0 | 4 |
| North Carolina | 8 | 54 | 178 | 0 | 0 | 0 | 8 | 11 | 135 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 2 | 1 | 1 | 1 | 0 | 7 |
| North Dakota | 2 | 5 | 16 | 0 | 0 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| Ohio | 14 | 78 | 123 | 27 | 9 | 1 | 4 | 60 | 72 | 28 | 8 | 1 | 5 | 0 | 4 | 0 | 0 | 0 | 14 | 16 | 7 | 8 | 3 | 1 | 10 |
| Oklahoma | 8 | 24 | 90 | 0 | 0 | 0 | 8 | 6 | 25 | 0 | 0 | 0 | 8 | 0 | 2 | 0 | 0 | 0 | 8 | 4 | 2 | 2 | 0 | 2 | 6 |
| Oregon | 5 | 20 | 48 | 0 | 0 | 0 | 5 | 8 | 2 | 6 | 4 | 1 | 0 | 3 | 2 | 1 | 0 | 1 | 4 | 3 | 2 | 1 | 0 | 1 | 4 |
| Pennsylvania | 6 | 68 | 105 | 2 | 0 | 1 | 5 | 42 | 14 | 28 | 4 | 2 | 0 | 11 | 1 | 10 | 2 | 0 | 4 | 11 | 1 | 10 | 2 | 0 | 4 |
| Puerto Rico | 1 | 3 | 5 | 2 | 0 | 0 | 1 | 4 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Rhode Island | 1 | 7 | 23 | 0 | 0 | 0 | 1 | 7 | 20 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| South Carolina | 10 | 35 | 72 | 10 | 0 | 0 | 10 | 19 | 36 | 3 | 0 | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 10 | 1 | 0 | 1 | 1 | 0 | 9 |

Min. - Minimum  Req'd. - Required  Rept'd. - Reporting  MR - Minimum Required

[a]Includes intra- and interstate portions of AQCR's.

TABLE 3-2 (continued). STATUS OF MONITORING ACTIVITY AS REPORTED TO NADB, BY STATES, SEPTEMBER 24, 1973

| State | AQCR's within state[a] | TSP | | | | | | $SO_2$ | | | | | | CO | | | | | | Oxidants | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of stations | | | AQCR's rept'g. | | | No. of stations | | | AQCR's rept'g. | | | No. of stations | | | AQCR's rept'g. | | | No. of stations | | | AQCR's rept'g. | | |
| | | Min. req'd. | Rept'g. 1972 | Req'd. not rept'g. | <½ M.R. | ½ to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | Req'd. not rept'g. | <½ M.R. | ½ to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | Req'd. not rept'g. | <½ M.R. | ½ to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | Req'd. not rept'g. | <½ M.R. | ½ to M.R. | ≥ M.R. |
| South Dakota | 4 | 6 | 2 | 4 | 3 | 0 | 1 | 3 | 1 | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| Tennessee | 6 | 39 | 95 | 0 | 0 | 0 | 6 | 17 | 34 | 3 | 2 | 0 | 4 | 0 | 1 | 0 | 0 | 0 | 6 | 5 | 2 | 3 | 1 | 1 | 4 |
| Texas | 12 | 52 | 160 | 0 | 0 | 0 | 12 | 49 | 13 | 37 | 9 | 0 | 3 | 1 | 0 | 1 | 1 | 0 | 11 | 19 | 0 | 19 | 7 | 0 | 5 |
| Utah | 3 | 11 | 8 | 2 | 2 | 1 | 0 | 9 | 1 | 8 | 3 | 0 | 0 | 2 | 4 | 0 | 0 | 0 | 3 | 2 | 0 | 2 | 1 | 0 | 2 |
| Vermont | 2 | 4 | 2 | 2 | 1 | 0 | 1 | 5 | 0 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| Virginia | 7 | 47 | 116 | 3 | 0 | 1 | 6 | 16 | 44 | 4 | 1 | 0 | 6 | 2 | 3 | 1 | 0 | 1 | 6 | 7 | 3 | 4 | 2 | 0 | 5 |
| Washington | 6 | 31 | 54 | 0 | 0 | 0 | 6 | 14 | 12 | 2 | 2 | 0 | 4 | 7 | 8 | 0 | 0 | 0 | 6 | 5 | 4 | 1 | 1 | 0 | 5 |
| West Virginia | 10 | 24 | 36 | 4 | 3 | 1 | 6 | 12 | 14 | 8 | 6 | 0 | 4 | 0 | 1 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 10 |
| Wisconsin | 8 | 24 | 7 | 17 | 6 | 1 | 1 | 9 | 3 | 6 | 4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 8 | 4 | 0 | 4 | 0 | 0 | 8 |
| Wyoming | 3 | 7 | 3 | 4 | 2 | 0 | 1 | 3 | 1 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| American Samoa | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Guam | 1 | 1 | 3 | 0 | 0 | 0 | 1 | 4 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| US Virgin Islands | 1 | 3 | 4 | 0 | 0 | 0 | 1 | 4 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |

Min. - Minimum  Req'd. - Required  Rept'g. - Reporting  MR - Minimum required

[a]Includes intra- and interstate portions of AQCR's.

Table 3-3. STATUS OF MONITORING ACTIVITY AS REPORTED TO NADB, BY REGIONS, SEPTEMBER 24, 1973

| Region | No. of AQCR's within region | TSP | | | | | $SO_2$ | | | | | CO | | | | | Oxidants | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of stations | | AQCR's Rept'g | | | No. of stations | | AQCR's Rept'g | | | No. of stations | | AQCR's Rept'g | | | No. of stations | | AQCR's Rept'g | | |
| | | Minimum required | Reporting 1972 | < ½ M.R. | ½ to M.R. | ≥ M.R. | Minimum required | Reporting 1972 | < ½ M.R. | ½ to M.R. | ≥ M.R. | Minimum required | Reporting 1972 | < ½ M.R. | ½ to M.R. | ≥ M.R. | Minimum required | Reporting 1972 | < ½ M.R. | ½ to M.R. | ≥ M.R. |
| I | 21 | 87 | 133 | 6 | 1 | 14 | 82 | 85 | 10 | 1 | 10 | 11 | 4 | 4 | 0 | 17 | 11 | 0 | 4 | 0 | 17 |
| II | 14 | 97 | 315 | 0 | 0 | 14 | 86 | 83 | 3 | 3 | 8 | 21 | 30 | 1 | 1 | 12 | 26 | 10 | 5 | 1 | 8 |
| III | 32 | 177 | 360 | 3 | 4 | 25 | 106 | 136 | 11 | 2 | 19 | 21 | 8 | 5 | 1 | 26 | 26 | 5 | 7 | 0 | 25 |
| IV | 59 | 278 | 562 | 7 | 8 | 44 | 149 | 345 | 14 | 5 | 40 | 3 | 9 | 1 | 0 | 58 | 23 | 8 | 9 | 1 | 49 |
| V | 56 | 252 | 466 | 24 | 7 | 25 | 207 | 234 | 26 | 4 | 26 | 18 | 6 | 4 | 1 | 51 | 34 | 10 | 8 | 1 | 47 |
| VI | 38 | 107 | 315 | 2 | 0 | 36 | 83 | 62 | 16 | 1 | 21 | 2 | 3 | 2 | 0 | 36 | 31 | 7 | 8 | 4 | 26 |
| VII | 28 | 108 | 165 | 4 | 3 | 21 | 39 | 39 | 15 | 0 | 13 | 7 | 5 | 2 | 0 | 26 | 11 | 4 | 3 | 1 | 24 |
| VIII | 25 | 70 | 99 | 11 | 1 | 13 | 39 | 7 | 21 | 0 | 4 | 5 | 5 | 1 | 0 | 24 | 5 | 2 | 1 | 1 | 23 |
| IX | 21 | 99 | 108 | 11 | 0 | 10 | 47 | 47 | 9 | 3 | 9 | 34 | 44 | 3 | 0 | 18 | 34 | 64 | 1 | 1 | 19 |
| X | 19 | 77 | 144 | 1 | 1 | 17 | 36 | 14 | 14 | 1 | 4 | 11 | 11 | 0 | 1 | 18 | 8 | 6 | 1 | 1 | 17 |

[a]Includes intra- and interstate portions of AQCR's.

[b]M.R. -- minimum required.

Table 3-4. STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

| State | AQCR No. | TSP | | | | | $SO_2$ | | | | | CO | | | | | Oxidants | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | |
| | | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. |
| REGION I | | | | | | | | | | | | | | | | | | | | | |
| Connecticut | 041 | 3 | 3 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 042 | 10 | 13 | | | * | 10 | 2 | * | | | 3 | 0 | * | | | 3 | 0 | * | | |
| | 043 | 2 | 6 | | | * | 2 | 1 | | * | | 1 | 0 | * | | | 1 | 0 | * | | |
| | 044 | 1 | 3 | | | * | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 4 | 16 | 25 | | | 4 | 14 | 4 | 2 | 1 | 1 | 4 | 0 | 2 | 0 | 2 | 4 | 0 | 2 | 0 | 2 |
| Maine | 107 | 2 | 0 | * | | | 3 | 1 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 108 | 1 | 0 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 109 | 3 | 1 | * | | | 4 | 1 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 110 | 6 | 5 | | * | | 4 | 7 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 111 | 1 | 0 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 5 | 13 | 6 | 4 | 1 | | 13 | 9 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 |
| Massachusetts | 042 | 4 | 8 | | | * | 4 | 7 | | | * | 1 | 0 | * | | | 1 | 0 | * | | |
| | 117 | 3 | 6 | | | * | 1 | 6 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 118 | 8 | 2 | * | | | 4 | 4 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 119 | 15 | 23 | | | * | 17 | 19 | | | * | 6 | 2 | * | | | 6 | 0 | * | | |
| | 120 | 5 | 6 | | | * | 4 | 6 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 121 | 4 | 7 | | | * | 4 | 6 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 6 | 39 | 52 | 1 | | 5 | 34 | 48 | 0 | 0 | 6 | 7 | 2 | 2 | 0 | 4 | 7 | 0 | 2 | 0 | 4 |
| New Hampshire | 107 | 1 | 8 | | | * | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 121 | 6 | 15 | | | * | 7 | 3 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 149 | 1 | 2 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 3 | 8 | 25 | | | 3 | 9 | 4 | 2 | 0 | 1 | 0 | 0 | | | 3 | 0 | 0 | 0 | 0 | 3 |
| Rhode Island | 120 | 7 | 23 | | | * | 7 | 20 | 0 | 0 | * | 0 | 2 | | | * | 0 | 0 | | | |
| Subtotal | 1 | 7 | 23 | | | 1 | 7 | 20 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| Vermont | 159 | 1 | 1 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 221 | 3 | 1 | * | | | 4 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 2 | 4 | 2 | 1 | | 1 | 5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| Region total | 21 | 87 | 133 | 6 | 1 | 14 | 82 | 85 | 10 | 1 | 10 | 11 | 4 | 4 | 0 | 17 | 11 | 0 | 4 | 0 | 17 |
| REGION II | | | | | | | | | | | | | | | | | | | | | |
| New Jersey | 043 | 12 | 51 | | | * | 10 | 14 | | | * | 4 | 10 | | | * | 4 | 2 | | * | |
| | 045 | 5 | 14 | | | * | 6 | 11 | | | * | 2 | 7 | | | * | 3 | 1 | * | | |

M.R. - Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

| State | AQCR No. | TSP | | | | | $SO_2$ | | | | | CO | | | | | Oxidants | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | |
| | | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. |
| REGION II (continued) | | | | | | | | | | | | | | | | | | | | | |
| New Jersey (continued) | 150 | 1 | 9 | | | * | 4 | 2 | | * | | 2 | 2 | | | * | 0 | 0 | | | |
| | 151 | 1 | 4 | | | * | 0 | 1 | | | * | 0 | 1 | | | * | 0 | 0 | | | |
| Subtotal | 4 | 19 | 78 | | | 4 | 20 | 28 | 0 | 1 | 3 | 8 | 20 | | | 4 | 7 | 3 | 1 | 1 | 2 |
| New York | 043 | 27 | 45 | | | * | 23 | 13 | | * | | 10 | 3 | * | | | 10 | 4 | * | | |
| | 158 | 11 | 39 | | | * | 4 | 5 | | | * | 3 | 2 | | * | | 3 | 1 | * | | |
| | 159 | 3 | 9 | | | * | 4 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 160 | 3 | 20 | | | * | 4 | 10 | | | * | 0 | 1 | | | | 3 | 1 | * | | |
| | 161 | 11 | 38 | | | * | 4 | 7 | | | * | 0 | 2 | | | | 0 | 1 | | | |
| | 162 | 11 | 48 | | | * | 11 | 14 | | | * | 0 | 2 | | | | 3 | 0 | * | | |
| | 163 | 3 | 10 | | | * | 4 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 164 | 3 | 19 | | | * | 4 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 8 | 72 | 228 | | | 8 | 58 | 49 | 3 | 1 | 4 | 13 | 10 | 1 | 1 | 6 | 19 | 7 | 4 | 0 | 4 |
| Puerto Rico | 244 | 3 | 5 | | | * | 4 | 4 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 1 | 3 | 5 | 0 | 0 | 1 | 4 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| Virgin Island | 247 | 3 | 4 | | | * | 4 | 2 | | * | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 1 | 3 | 4 | 0 | 0 | 1 | 4 | 2 | 0 | 1 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Region total | 14 | 97 | 315 | 0 | 0 | 14 | 86 | 83 | 3 | 3 | 8 | 21 | 30 | 1 | 1 | 11 | 26 | 10 | 5 | 1 | 8 |
| REGION III | | | | | | | | | | | | | | | | | | | | | |
| Delaware | 045 | 2 | 14 | | | * | 2 | 9 | | | * | 1 | 0 | * | | | 1 | 0 | * | | |
| | 046 | 1 | 2 | | | * | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 2 | 3 | 16 | | | 2 | 3 | 10 | | | 2 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |
| District of Columbia | 047 | 4 | 2 | | * | | 4 | 4 | | | * | 1 | 2 | | | * | 1 | 1 | | | * |
| Subtotal | 1 | 4 | 2 | 0 | 1 | 0 | 4 | 4 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 |
| Maryland | 047 | 6 | 28 | | | * | 6 | 14 | | | * | 2 | 0 | * | | | 2 | 0 | * | | |
| | 112 | 3 | 9 | | | * | 4 | 6 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 113 | 5 | 7 | | | * | 4 | 5 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 114 | 3 | 7 | | | * | 1 | 4 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 115 | 13 | 31 | | | * | 13 | 18 | | | * | 4 | 1 | * | | | 4 | 0 | * | | |
| | 116 | 1 | 3 | | | * | 1 | 3 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 6 | 31 | 85 | | | 6 | 29 | 50 | 0 | 0 | 6 | 6 | 1 | 2 | 0 | 4 | 6 | 0 | 2 | 0 | 4 |

M.R. - Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

| State | AQCR No. | TSP | | | | | $SO_2$ | | | | | CO | | | | | Oxidants | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | |
| | | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. |
| REGION III (continued) | | | | | | | | | | | | | | | | | | | | | |
| Pennsylvania | 045 | 14 | 22 | | | * | 15 | 4 | * | | | 6 | 1 | * | | | 6 | 1 | * | | |
| | 151 | 11 | 29 | | | * | 4 | 3 | | * | | 0 | 0 | | | | 0 | 0 | | | |
| | 178 | 7 | 9 | | | * | 3 | 1 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 195 | 10 | 8 | | * | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 196 | 11 | 22 | | | * | 4 | 2 | | * | | 0 | 0 | | | | 0 | 0 | | | |
| | 197 | 15 | 15 | | | * | 15 | 4 | * | | | 5 | 0 | * | | | 5 | 0 | * | | |
| Subtotal | 6 | 68 | 105 | | 1 | 5 | 42 | 14 | 4 | 2 | 0 | 11 | 1 | 2 | 0 | 4 | 11 | 1 | 2 | 0 | 4 |
| Virginia | 047 | 5 | 30 | | | * | 5 | 1 | * | | | 2 | 1 | | * | | 2 | 2 | | | * |
| | 207 | 3 | 11 | | | * | 3 | 8 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 222 | 7 | 24 | | | * | 1 | 8 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 223 | 10 | 20 | | | * | 4 | 14 | | | * | 0 | 1 | | | | 3 | 1 | * | | |
| | 224 | 6 | 3 | | * | | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 225 | 8 | 10 | | | * | 1 | 8 | | | * | 0 | 0 | | | | 2 | 0 | * | | |
| | 226 | 8 | 18 | | | * | 1 | 4 | | | * | 0 | 1 | | | | 0 | 0 | | | |
| Subtotal | 7 | 47 | 116 | | 1 | 6 | 16 | 44 | 1 | 0 | 6 | 2 | 3 | 0 | 1 | 6 | 7 | 3 | 2 | 0 | 5 |
| West Virginia | 103 | 2 | 3 | | | * | 0 | 0 | | | | | 0 | 0 | | | | 0 | 0 | | |
| | 113 | 0 | 0 | | | * | 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | | | |
| | 179 | 3 | 2 | | * | | 3 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 181 | 3 | 9 | | | * | 3 | 5 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 231 | 1 | 0 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 232 | 1 | 0 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 233 | 1 | 0 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 234 | 6 | 14 | | | * | 1 | 9 | | | * | 0 | 1 | | | | 0 | 0 | | | |
| | 235 | 6 | 6 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 236 | 1 | 2 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 10 | 24 | 36 | 3 | 1 | 6 | 12 | 14 | 6 | 0 | 4 | 0 | 1 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 10 |
| Region total | 32 | 177 | 360 | 3 | 4 | 25 | 106 | 136 | 11 | 2 | 19 | 21 | 8 | 5 | 1 | 26 | 26 | 5 | 7 | 0 | 25 |
| REGION IV | | | | | | | | | | | | | | | | | | | | | |
| Alabama | 001 | 3 | 4 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 002 | 5 | 6 | | | * | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 003 | 6 | 6 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |

M.R. - Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

| State | AQCR No. | TSP | | | | | $SO_2$ | | | | | CO | | | | | Oxidants | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | |
| | | Min. req'd | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. |
| REGION IV (continued) | | | | | | | | | | | | | | | | | | | | | |
| Alabama (continued) | 004 | 8 | 20 | | | | 4 | 7 | | | | 3 | 0 | * | | | 3 | 0 | * | | |
| | 005 | 2 | 8 | | | | 2 | 2 | | | | 0 | 0 | | | | 1 | 1 | | | * |
| | 006 | 3 | 2 | | | | 1 | 0 | | | | 0 | 0 | | | | 0 | 0 | | | |
| | 007 | 7 | 14 | | | | 5 | 0 | | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 7 | 34 | 60 | 0 | 1 | 6 | 15 | 10 | 4 | 1 | 2 | 3 | 0 | 1 | 0 | 6 | 4 | 1 | 1 | 0 | 6 |
| Florida | 005 | 5 | 0 | * | | | 6 | 10 | | | * | 0 | 0 | | | | 2 | 0 | * | | |
| | 048 | 3 | 4 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 049 | 9 | 12 | | | * | 4 | 13 | | | * | 0 | 2 | | | | 2 | 2 | | | * |
| | 050 | 3 | 12 | | | * | 1 | 2 | | | * | 0 | 1 | | | | 0 | 0 | | | |
| | 051 | 1 | 0 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 052 | 11 | 11 | | | * | 11 | 11 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 6 | 32 | 39 | 2 | | 4 | 24 | 36 | 2 | 0 | 4 | 0 | 3 | 0 | 0 | 6 | 4 | 2 | 1 | 0 | 4 |
| Georgia | 002 | 3 | 2 | | * | | 0 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 049 | 2 | 1 | | * | | 1 | 1 | | | * | 0 | 0 | | | | 1 | 0 | * | | |
| | 053 | 4 | 1 | * | | | 3 | 1 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 054 | 7 | 5 | | * | | 7 | 2 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 055 | 5 | 3 | | * | | 3 | 2 | | * | | 0 | 0 | | | | 0 | 0 | | | |
| | 056 | 12 | 8 | | * | | 13 | 2 | * | | | 0 | 1 | | | | 0 | 0 | | | |
| | 057 | 3 | 2 | | * | | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 058 | 4 | 5 | | | * | 4 | 2 | | * | | 0 | 0 | | | | 0 | 0 | | | |
| | 059 | 3 | 2 | | * | | 4 | 2 | | * | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 9 | 43 | 29 | 1 | 7 | 1 | 36 | 14 | 3 | 3 | 3 | 0 | 1 | 0 | 0 | 9 | 1 | 0 | 1 | 0 | 8 |
| Kentucky | 072 | 5 | 17 | | | * | 3 | 17 | | | * | 0 | 1 | | | | 0 | 0 | | | |
| | 077 | 2 | 14 | | | * | 1 | 13 | | | * | 0 | 1 | | | | 0 | 0 | | | |
| | 078 | 8 | 20 | | | * | 8 | 21 | | | * | 0 | 2 | | | | 2 | 2 | | | |
| | 079 | 2 | 14 | | | * | 1 | 9 | | | * | 0 | 0 | | | | 1 | 0 | * | | |
| | 101 | 3 | 4 | | | * | 1 | 2 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 102 | 3 | 4 | | | * | 1 | 4 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 103 | 3 | 11 | | | * | 1 | 9 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 104 | 3 | 1 | * | | | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 105 | 1 | 3 | | | * | 1 | 2 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 9 | 30 | 88 | 1 | | 8 | 18 | 78 | 0 | 0 | 9 | 0 | 4 | | | 9 | 3 | 2 | 1 | 0 | 8 |
| Mississippi | 005 | 7 | 1 | | | | 7 | 2 | | | | 0 | 0 | | | | 2 | 0 | | | |

M.R.- Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

| State | AQCR No. | TSP | | | | | $SO_2$ | | | | | CO | | | | | Oxidants | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | |
| | | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. |
| REGION IV (continued) | | | | | | | | | | | | | | | | | | | | | |
| Mississippi (continued) | 018 | 0 | 0 | | | * | 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | | | |
| | 134 | 1 | 0 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 135 | 3 | 0 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 4 | 11 | 1 | 3 | | 1 | 9 | 2 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 4 | 2 | 0 | 1 | 0 | 3 |
| North Carolina | 136 | 10 | 28 | | | * | 1 | 23 | | | * | 0 | 0 | | | | 0 | 1 | | | * |
| | 165 | 7 | 28 | | | * | 1 | 18 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 166 | 10 | 16 | | | * | 1 | 16 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 167 | 9 | 41 | | | * | 4 | 27 | | | * | 0 | 0 | | | | 2 | 0 | * | | |
| | 168 | 6 | 14 | | | * | 1 | 13 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 169 | 3 | 8 | | | * | 1 | 7 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 170 | 3 | 17 | | | * | 1 | 15 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 171 | 6 | 26 | | | * | 1 | 16 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 8 | 54 | 178 | 0 | 0 | 8 | 11 | 135 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 8 | 2 | 1 | 1 | 0 | 7 |
| South Carolina | 053 | 3 | 5 | | | * | 1 | 4 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 058 | 2 | 3 | | * | | 2 | 2 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 167 | 5 | 7 | | | * | 4 | 4 | | | * | 0 | 0 | | | | 1 | 0 | * | | |
| | 198 | 3 | 4 | | | * | 1 | 2 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 199 | 6 | 13 | | | * | 6 | 3 | | * | | 0 | 0 | | | | 0 | 0 | | | |
| | 200 | 3 | 12 | | | * | 1 | 7 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 201 | 1 | 3 | | | * | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 202 | 8 | 15 | | | * | 1 | 9 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 203 | 1 | 2 | | | * | 1 | 2 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 204 | 3 | 8 | | | * | 1 | 2 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 10 | 35 | 72 | | 1 | 9 | 19 | 36 | 0 | 1 | 9 | 0 | 0 | | | 10 | 1 | 0 | 1 | 0 | 9 |
| Tennessee | 007 | 3 | 5 | | | * | 2 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 018 | 8 | 12 | | | * | 1 | 4 | | | * | 0 | 0 | | | | 2 | 1 | | | * |
| | 055 | 3 | 9 | | | * | 1 | 3 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 207 | 8 | 31 | | | * | 8 | 9 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 208 | 10 | 31 | | | * | 4 | 18 | | | * | 0 | 1 | | | | 3 | 1 | * | | |
| | 209 | 7 | 7 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 6 | 39 | 95 | | | 6 | 17 | 34 | 2 | 0 | 4 | 0 | 1 | | | 6 | 5 | 2 | 1 | 1 | 4 |
| Region total | 59 | 278 | 562 | 7 | 8 | 44 | 149 | 345 | 14 | 5 | 39 | 3 | 9 | 1 | 0 | 58 | 22 | 8 | 8 | 2 | 50 |
| REGION V | | | | | | | | | | | | | | | | | | | | | |
| Illinois | 065 | 7 | 1 | * | | | 6 | 1 | * | | | 0 | 0 | | | | 0 | 0 | | | |

M.R. - Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

| State | AQCR No. | TSP | | | | | $SO_2$ | | | | | CO | | | | | Oxidants | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | |
| | | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | to M.R. | ≥ M.R. |
| REGION V (continued) | | | | | | | | | | | | | | | | | | | | | |
| Illinois (continued) | 066 | 1 | 0 | * | | | 4 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 067 | 22 | 48 | | | * | 23 | 36 | | | * | 9 | 0 | * | | | 9 | 1 | * | | |
| | 068 | 1 | 0 | * | | | 0 | 0 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 069 | 4 | 2 | | * | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 070 | 4 | 1 | * | | | 4 | 0 | * | | | 1 | 0 | * | | | 1 | 0 | * | | |
| | 071 | 3 | 0 | * | | | 4 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 072 | 1 | 0 | * | | | 0 | 0 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 073 | 2 | 1 | | * | | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 074 | 1 | 0 | * | | | 4 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 075 | 8 | 1 | * | | | 4 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 11 | 54 | 54 | 8 | 2 | 1 | 52 | 38 | 7 | 0 | 4 | 10 | 0 | 2 | | 9 | 10 | 1 | 2 | 0 | 9 |
| Indiana | 067 | 2 | 31 | | | * | 2 | 29 | | | * | 1 | 0 | * | | | 1 | 0 | * | | |
| | 076 | 3 | 4 | | | * | 4 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 077 | 5 | 12 | | | * | 3 | 1 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 078 | 1 | 1 | | * | | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 079 | 0 | 0 | | | * | 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | | | |
| | 080 | 10 | 27 | | | * | 11 | 22 | | | * | 3 | 0 | * | | | 3 | 1 | * | | |
| | 081 | 3 | 2 | | * | | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 082 | 6 | 19 | | | * | 3 | 6 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 083 | 3 | 3 | | | * | 4 | 1 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 084 | 9 | 18 | | | * | 8 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 10 | 42 | 117 | 0 | 2 | 8 | 37 | 61 | 4 | | 6 | 4 | 0 | 2 | | 8 | 4 | 1 | 2 | 0 | 8 |
| Michigan | 082 | 3 | 5 | | | * | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 122 | 3 | 35 | | | * | 1 | 11 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 123 | 18 | 42 | | | * | 19 | 21 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 124 | 1 | 4 | | | * | 1 | 4 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 125 | 3 | 7 | | | * | 4 | 3 | | * | | 0 | 0 | | | | 0 | 0 | | | |
| | 126 | 1 | 15 | | | * | 1 | 2 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 6 | 29 | 108 | | | 6 | 27 | 42 | 0 | 1 | 5 | 0 | 0 | | | 6 | 0 | 0 | 0 | 0 | 6 |
| Minnesota | 127 | 1 | 7 | | | * | 1 | 2 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 128 | 2 | 10 | | | * | 3 | 2 | | * | | 0 | 0 | | | | 0 | 0 | | | |
| | 129 | 5 | 3 | | * | | 3 | 1 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 130 | 1 | 4 | | | * | 1 | 1 | | | | 0 | 0 | | | | 0 | 0 | | | |

M.R. - Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

| State | AQCR No. | TSP | | | | | $SO_2$ | | | | | CO | | | | | Oxidants | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | |
| | | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. |
| REGION V (continued) | | | | | | | | | | | | | | | | | | | | | |
| Minnesota (continued) | 131 | 12 | 24 | | | * | 13 | 12 | | * | | 4 | 2 | | | | 0 | 1 | | | |
| | 132 | 3 | 4 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 133 | 1 | 5 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 7 | 25 | 57 | 0 | 1 | 6 | 23 | 18 | 3 | 2 | 2 | 4 | 2 | | 1 | 6 | 0 | 1 | | 0 | 7 |
| Ohio | 079 | 10 | 32 | | | * | 3 | 14 | | | * | 0 | 0 | | | | 2 | 2 | | | * |
| | 103 | 3 | 2 | | * | | 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | | | |
| | 124 | 7 | 12 | | | * | 7 | 4 | | * | | 0 | 1 | | | | 2 | 0 | * | | |
| | 173 | 10 | 22 | | | * | 4 | 13 | | | * | 0 | 0 | | | | 3 | 0 | * | | |
| | 174 | 16 | 49 | | | * | 17 | 37 | | | * | 0 | 3 | | | | 6 | 5 | | * | |
| | 175 | 3 | 1 | * | | | 4 | 1 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 176 | 10 | 2 | * | | | 1 | 1 | | | * | 0 | 0 | | | | 3 | 0 | * | | |
| | 177 | 3 | 0 | * | | | 7 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 178 | 4 | 1 | * | | | 4 | 1 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 179 | 3 | 1 | * | | | 3 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 180 | 1 | 0 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 181 | 4 | 1 | * | | | 4 | 1 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 182 | 1 | 0 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 183 | 3 | 0 | * | | | 4 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 14 | 78 | 123 | 9 | 1 | 4 | 60 | 72 | 8 | 1 | 5 | 0 | 4 | | | 14 | 16 | 7 | 3 | 1 | 10 |
| Wisconsin | 068 | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | | | |
| | 073 | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | | | |
| | 128 | 1 | 1 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 129 | 2 | 1 | | * | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 237 | 3 | 1 | * | | | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 238 | 1 | 0 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 239 | 12 | 3 | * | | | 4 | 1 | * | | | 0 | 0 | | | | 4 | 0 | * | | |
| | 240 | 3 | 1 | * | | | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 8 | 24 | 7 | 6 | 1 | 1 | 9 | 3 | 4 | 0 | 4 | 0 | 0 | | | 8 | 4 | 0 | 1 | 0 | 7 |
| Region total | 56 | 252 | 466 | 24 | 7 | 25 | 207 | 234 | 26 | 4 | 26 | 18 | 6 | 4 | 1 | 51 | 34 | 12 | 8 | 1 | 47 |
| REGION VI | | | | | | | | | | | | | | | | | | | | | |
| Arkansas | 016 | 4 | 11 | | | * | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 017 | 2 | 3 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 018 | 1 | 2 | | | * | 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | | | |

M.R. - Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

| State | AQCR No. | TSP | | | | | $SO_2$ | | | | | CO | | | | | Oxidants | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | |
| | | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. |
| REGION VI (continued) | | | | | | | | | | | | | | | | | | | | | |
| Arkansas (continued) | 019 | 1 | 3 | | | * | 0 | 1 | | | | 0 | 0 | | | | 0 | 0 | | | |
| | 020 | 1 | 4 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 021 | 1 | 2 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 022 | 0 | 3 | | | * | 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 7 | 10 | 28 | | | 7 | 4 | 2 | 3 | 0 | 4 | 0 | 0 | | | 7 | 0 | 0 | 0 | 0 | 7 |
| Louisiana | 019 | 2 | 3 | | | * | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 022 | 1 | 3 | | | * | 0 | 2 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 106 | 2 | 5 | | | * | 14 | 14 | | | * | 0 | 0 | | | | 5 | 4 | | * | |
| Subtotal | 3 | 5 | 11 | | | 3 | 15 | 17 | 0 | 0 | 3 | 0 | 0 | | | 3 | 5 | 4 | 0 | 1 | 2 |
| New Mexico | 012 | 1 | 0 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 014 | 1 | 2 | | | * | 1 | 2 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 152 | 8 | 12 | | | * | 1 | 1 | | | * | 0 | 1 | | | | 2 | 1 | | * | |
| | 153 | 2 | 2 | | | * | 2 | 1 | | * | | 1 | 0 | * | | | 1 | 0 | * | | |
| | 154 | 1 | 1 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 155 | 1 | 5 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 156 | 1 | 0 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 157 | 1 | 4 | | | * | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 8 | 16 | 26 | 2 | | 6 | 9 | 5 | 4 | 1 | 3 | 1 | 1 | 1 | | 7 | 3 | 1 | 1 | 1 | 6 |
| Oklahoma | 017 | 2 | 4 | | | * | 0 | 2 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 022 | 0 | 1 | | | * | 0 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 184 | 9 | 28 | | | * | 1 | 9 | | | * | 0 | 2 | | | | 2 | 1 | | * | |
| | 185 | 1 | 4 | | | * | 1 | 2 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 186 | 9 | 25 | | | * | 1 | 6 | | | * | 0 | 0 | | | | 2 | 1 | | * | |
| | 187 | 1 | 5 | | | * | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 188 | 1 | 11 | | | * | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 189 | 1 | 12 | | | * | 1 | 3 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 8 | 24 | 90 | | | 8 | 6 | 25 | 0 | 0 | 8 | 0 | 2 | | | 8 | 4 | 2 | 0 | 2 | 6 |
| Texas | 022 | 2 | 2 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 106 | 1 | 3 | | | * | 3 | 1 | * | | | 0 | 0 | | | | 1 | 0 | * | | |
| | 153 | 5 | 16 | | | * | 5 | 1 | * | | | 1 | 0 | * | | | 1 | 0 | * | | |
| | 210 | 3 | 3 | | | * | 4 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 211 | 3 | 21 | | | * | 8 | 2 | * | | | 0 | 0 | | | | 0 | 0 | | | |

M.R. - Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

| State | AQCR No. | TSP | | | | | $SO_2$ | | | | | CO | | | | | Oxidants | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | |
| | | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. |
| REGION VI (continued) | | | | | | | | | | | | | | | | | | | | | |
| Texas (continued) | 212 | 3 | 10 | | | * | 1 | 1 | | | * | 0 | 0 | | | | 3 | 0 | * | | |
| | 213 | 6 | 13 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 214 | 7 | 12 | | | * | 7 | 1 | * | | | 0 | 0 | | | | 2 | 0 | * | | |
| | 215 | 3 | 35 | | | * | 1 | 2 | | | * | 0 | 0 | | | | 5 | 0 | * | | |
| | 216 | 13 | 31 | | | * | 13 | 3 | * | | | 0 | 0 | | | | 4 | 0 | * | | |
| | 217 | 3 | 9 | | | * | 1 | 1 | | | * | 0 | 0 | | | | 3 | 0 | * | | |
| | 218 | 3 | 5 | | | * | 4 | 1 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 12 | 52 | 160 | | | 12 | 49 | 13 | 9 | 0 | 3 | 1 | 0 | 1 | | 11 | 19 | 0 | 7 | 0 | 5 |
| Region total | 38 | 107 | 315 | 2 | 0 | 36 | 83 | 62 | 16 | 1 | 21 | 2 | 3 | 2 | | 36 | 31 | 7 | 8 | 4 | 26 |
| REGION VII | | | | | | | | | | | | | | | | | | | | | |
| Iowa | 065 | 1 | 2 | | | * | 2 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 068 | 3 | 1 | * | | | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 069 | 4 | 3 | | * | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 085 | 1 | 1 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 086 | 1 | 1 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 087 | 1 | 0 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 088 | 7 | 8 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 089 | 3 | 3 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 090 | 1 | 1 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 091 | 1 | 1 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 092 | 8 | 3 | * | | | 1 | 1 | | | * | 0 | 0 | | | | 2 | 0 | * | | |
| | 093 | 1 | 2 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 12 | 32 | 26 | 3 | 1 | 8 | 13 | 2 | 10 | 0 | 2 | 0 | 0 | | | 12 | 2 | 0 | 1 | 0 | 11 |
| Kansas | 094 | 4 | 13 | | | * | 0 | 9 | | | * | 1 | 1 | | | * | 1 | 1 | | | |
| | 095 | 6 | 9 | | | * | 1 | 8 | | | * | 0 | 1 | | | | 0 | 0 | | | |
| | 096 | 6 | 6 | | | * | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 097 | 5 | 5 | | | * | 1 | 2 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 098 | 1 | 6 | | | * | 1 | 3 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 099 | 8 | 15 | | | * | 1 | 6 | | | * | 0 | 1 | | | | 2 | 1 | | | |
| | 100 | 5 | 3 | | * | | 1 | 2 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 7 | 35 | 57 | | 1 | 6 | 6 | 31 | 0 | 0 | 7 | 1 | 3 | | | 7 | 3 | 2 | 0 | 1 | 6 |

M.R. - Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

| State | AQCR No. | TSP | | | | | $SO_2$ | | | | | CO | | | | | Oxidants | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | |
| | | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. |
| REGION VII (continued) | | | | | | | | | | | | | | | | | | | | | |
| Missouri (continued) | 070 | 10 | 12 | | | * | 11 | 2 | * | | | 4 | 1 | * | | | 4 | 1 | * | | |
| | 094 | 7 | 19 | | | * | 1 | 0 | * | | | 2 | 0 | * | | | 2 | 0 | * | | |
| | 137 | 3 | 5 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 138 | 1 | 7 | | | * | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 139 | 9 | 3 | * | | | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 5 | 30 | 46 | 1 | | 4 | 15 | 4 | 3 | 0 | 2 | 6 | 1 | 2 | | 3 | 6 | 1 | 2 | 0 | 3 |
| Nebraska | 085 | 6 | 12 | | | * | 3 | 1 | * | | | 0 | 1 | | | | 0 | 1 | | | |
| | 086 | 1 | 1 | | | * | 1 | 0 | | | | 0 | 1 | | | | 0 | 0 | | | |
| | 145 | 3 | 8 | | | * | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 146 | 1 | 15 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 4 | 11 | 36 | | | 4 | 7 | 2 | 2 | 0 | 2 | 0 | 1 | | | 4 | 0 | 1 | 0 | 0 | 4 |
| Region total | 28 | 108 | 165 | 4 | 3 | 21 | 39 | 39 | 15 | 0 | 13 | 7 | 5 | 2 | | 26 | 11 | 4 | 3 | 1 | 24 |
| REGION VIII | | | | | | | | | | | | | | | | | | | | | |
| Colorado | 014 | 1 | 6 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 034 | 1 | 2 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 035 | 1 | 8 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 036 | 11 | 23 | | | * | 1 | 3 | * | | * | 3 | 1 | * | | | 3 | 2 | | * | |
| | 037 | 5 | 11 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 038 | 7 | 8 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 039 | 1 | 6 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 040 | 1 | 4 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 8 | 28 | 68 | | | 8 | 8 | 3 | 7 | 0 | 1 | 3 | 1 | 1 | | 7 | 3 | 2 | 0 | 1 | 7 |
| Montana | 140 | 3 | 0 | * | | | 4 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 141 | 1 | 1 | | | * | 4 | 1 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 142 | 3 | 1 | * | | | 4 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 143 | 1 | 0 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 144 | 5 | 0 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 5 | 13 | 2 | 4 | | 1 | 14 | 1 | 5 | 0 | 0 | 0 | 0 | | | 5 | 0 | 0 | 0 | 0 | 5 |
| North Dakota | 130 | 2 | 3 | | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 172 | 3 | 13 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 2 | 5 | 16 | | | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | | | 2 | 0 | 0 | 0 | 0 | 2 |

M.R. - Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

| State | AQCR No. | TSP | | | | | $SO_2$ | | | | | CO | | | | | Oxidants | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | |
| | | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. |
| REGION VIII (continued) | | | | | | | | | | | | | | | | | | | | | |
| South Dakota | 086 | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | | | |
| | 087 | 3 | 1 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 205 | 1 | 1 | | | * | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 206 | 1 | 0 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 4 | 6 | 2 | 3 | | 1 | 3 | 1 | 3 | | 2 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 4 |
| Utah | 014 | 1 | 0 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 219 | 1 | 0 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 220 | 9 | 8 | | * | | 7 | 1 | * | | | 2 | 4 | | | * | 2 | 0 | * | | |
| Subtotal | 3 | 11 | 8 | 2 | 1 | | 9 | 1 | 2 | 0 | 0 | 2 | 4 | 0 | 0 | 3 | 2 | 0 | 1 | 0 | 2 |
| Wyoming | 241 | 3 | 1 | * | | | 1 | 1 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 242 | 3 | 1 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 243 | 1 | 1 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 3 | 7 | 3 | 2 | 0 | 1 | 3 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 3 |
| Region total | 25 | 70 | 99 | 11 | 1 | 13 | 39 | 6 | 21 | 0 | 4 | 5 | 5 | 1 | 0 | 24 | 5 | 2 | 1 | 1 | 23 |
| REGION IX | | | | | | | | | | | | | | | | | | | | | |
| Arizona | 012 | 2 | 3 | | | * | 2 | 3 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 013 | 1 | 3 | | | * | 1 | 3 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 014 | 2 | 10 | | | * | 2 | 2 | | * | | 0 | 0 | | | | 0 | 0 | | | |
| | 015 | 12 | 16 | | | * | 11 | 7 | | * | | 3 | 1 | * | | | 3 | 2 | | * | |
| Subtotal | 4 | 17 | 32 | 0 | 0 | 4 | 16 | 15 | 0 | 1 | 3 | 3 | 1 | 1 | 0 | 3 | 3 | 2 | 0 | 1 | 3 |
| California | 023 | 1 | 0 | * | | | 1 | 0 | * | | | 0 | | | | | 0 | 0 | | | * |
| | 024 | 28 | 11 | * | | | 4 | 8 | | | * | 11 | 18 | | | * | 11 | 23 | | | * |
| | 025 | 3 | 0 | * | | | 1 | 0 | * | | | 0 | 1 | | | | 2 | 4 | | | * |
| | 026 | 3 | 0 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 1 | | | * |
| | 027 | 1 | 0 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | * |
| | 028 | 3 | 1 | * | | | 1 | 1 | | | * | 3 | 4 | | | * | 3 | 6 | * | | |
| | 029 | 3 | 1 | * | | | 1 | 1 | | | * | 3 | 1 | * | | | 3 | 4 | | | * |
| | 030 | 3 | 4 | | | * | 4 | 4 | | | * | 8 | 11 | | | * | 8 | 13 | | | * |
| | 031 | 12 | 1 | * | | | 1 | 1 | | | * | 3 | 7 | | | * | 3 | 8 | | | * |

M.R.. - Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

| State | AQCR No. | TSP | | | | | $SO_2$ | | | | | CO | | | | | Oxidants | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | |
| | | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. |
| REGION IX (continued) | | | | | | | | | | | | | | | | | | | | | |
| California (continued) | 032 | 1 | 0 | * | | | 1 | 0 | * | | | 0 | 1 | | | | 0 | 1 | | | |
| | 033 | 6 | 0 | * | | | 1 | 0 | * | | | 0 | 3 | | | * | 1 | 0 | * | | |
| Subtotal | 11 | 64 | 18 | 10 | 0 | 1 | 17 | 15 | 6 | 0 | 5 | 29 | 42 | 1 | 0 | 10 | 29 | 60 | 0 | 0 | 9 |
| Hawaii | 060 | 3 | 14 | | | * | 1 | 12 | | | * | 0 | 1 | | | | 0 | 1 | | | |
| Subtotal | 1 | 3 | 14 | 0 | 0 | 1 | 1 | 12 | | | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 |
| Nevada | 013 | 5 | 17 | | | * | 3 | 0 | * | | | 2 | 0 | * | | | 2 | 0 | * | | |
| | 147 | 3 | 9 | | | * | 4 | 3 | | * | | 0 | 0 | | | | 0 | 0 | | | |
| | 148 | 5 | 15 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 1 | | | * |
| Subtotal | 3 | 13 | 41 | 0 | 0 | 3 | 8 | 3 | 2 | 1 | | 2 | 0 | 1 | | 2 | 2 | 1 | 1 | 0 | 2 |
| American Samoa | 245 | 1 | 0 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 1 | 1 | 0 | 1 | | | 1 | 0 | 1 | | | 0 | 0 | | | 1 | 0 | 0 | 0 | 0 | 1 |
| Guam | 246 | 1 | 3 | | | * | 4 | 2 | | * | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 1 | 1 | 3 | 0 | | 1 | 4 | 2 | 0 | 1 | | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| Region total | 21 | 100 | 108 | 11 | 0 | 10 | 47 | 47 | 9 | 3 | 9 | 34 | 44 | 3 | 0 | 18 | 34 | 64 | 1 | 1 | 16 |
| REGION X | | | | | | | | | | | | | | | | | | | | | |
| Alaska | 008 | 5 | 9 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 009 | 4 | 5 | | | * | 1 | 0 | * | 0 | 0 | 1 | 1 | | | * | 0 | 0 | | | |
| | 010 | 1 | 0 | * | | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 011 | 1 | 3 | | | * | 4 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 4 | 11 | 17 | 1 | | 3 | 7 | 0 | 4 | 0 | 0 | 1 | 1 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 4 |
| Idaho | 061 | 5 | 8 | | | * | 4 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 062 | 2 | 8 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 063 | 5 | 3 | | * | | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 064 | 3 | 6 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 4 | 15 | 25 | | 1 | 3 | 7 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 4 |

M.R. - Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

| State | AQCR No. | TSP | | | | | $SO_2$ | | | | | CO | | | | | Oxidants | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | | No. of stations | | AQCR status | | |
| | | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. | Min. req'd. | Rept'g. 1972 | <1/2 M.R. | 1/2 to M.R. | ≥ M.R. |
| REGION X (continued) | | | | | | | | | | | | | | | | | | | | | |
| Oregon | 190 | 3 | 4 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 191 | 3 | 3 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 192 | 1 | 1 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 193 | 10 | 34 | | | * | 4 | 2 | | * | | 3 | 2 | | * | | 3 | 2 | | * | |
| | 194 | 3 | 6 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 5 | 20 | 48 | | | 5 | 7 | 2 | 4 | 1 | | 3 | 2 | | 1 | 4 | 3 | 2 | 0 | 1 | 4 |
| Washington | 062 | 5 | 12 | | | * | 3 | 3 | | | * | 2 | 2 | | | * | 0 | 0 | | | |
| | 193 | 2 | 7 | | | * | 1 | 1 | | | * | 1 | 2 | | | * | 1 | 0 | * | | |
| | 227 | 3 | 4 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| | 228 | 3 | 4 | | | * | 4 | 4 | | | * | 0 | 0 | | | | 0 | 0 | | | |
| | 229 | 12 | 18 | | | * | 4 | 4 | | | * | 4 | 4 | | | * | 4 | 4 | | | * |
| | 230 | 6 | 9 | | | * | 1 | 0 | * | | | 0 | 0 | | | | 0 | 0 | | | |
| Subtotal | 6 | 31 | 54 | | | 6 | 14 | 12 | 2 | 0 | 4 | 7 | 8 | | | 6 | 5 | 4 | 1 | 0 | 5 |
| Region total | 19 | 77 | 144 | 1 | 1 | 17 | 36 | 14 | 14 | 1 | 4 | 11 | 11 | 0 | 1 | 18 | 8 | 6 | 1 | 1 | 17 |

M.R.- Minimum Required

Table 3-5. AQCR STATUS WITH RESPECT TO STANDARDS, SUMMARIZED BY PRIORITY CLASSIFICATION, 1972

| Status | Priority | | | |
|---|---|---|---|---|
| | I | II | III | Totals |
| Suspended particulates | | | | |
| Total AQCR's in each priority class | 120 | 70 | 57 | 247 |
| No. of AQCR's not exceeding any standards | 3 | 9 | 9 | 21 |
| No. of AQCR's reporting sufficient quarterly or annual data | 118 | 63 | 37 | 218 |
| No. of AQCR's exceeding any secondary standard or guide | 113 | 49 | 23 | 185 |
| No. of AQCR's exceeding any primary standard | 102 | 22 | 14 | 138 |
| No. of AQCR's exceeding secondary 24-hr standard | 110 | 41 | 20 | 171 |
| No. of AQCR's exceeding primary 24-hr standard | 77 | 10 | 12 | 99 |
| No. of AQCR's reporting sufficient annual data | 110 | 53 | 28 | 191 |
| No. of AQCR's exceeding secondary annual guide | 103 | 38 | 16 | 157 |
| No. of AQCR's exceeding primary annual standard | 93 | 20 | 9 | 122 |
| No. of AQCR's reporting only sufficient quarterly data | 8 | 10 | 9 | 27 |
| No. of AQCR's reporting insufficient data to compare to NAAQS | 2 | 7 | 20 | 29 |
| Sulfur dioxide | | | | |
| Total AQCR's in each priority class | 60 | 41 | 146 | 247 |
| No. of AQCR's not exceeding any standards | 29 | 23 | 53 | 105 |
| No. of AQCR's reporting sufficient quarterly or annual data | 52 | 31 | 79 | 162 |
| No. of AQCR's exceeding the secondary 3-hr standard | 6 | 1 | 0 | 7 |
| No. of AQCR's exceeding any primary standard | 13 | 4 | 2 | 19 |
| No. of AQCR's exceeding primary 24-hr standard | 13 | 4 | 2 | 19 |
| No. of AQCR's reporting sufficient annual data | 41 | 27 | 55 | 123 |
| No. of AQCR's exceeding primary annual standard | 4 | 0 | 0 | 4 |
| No. of AQCR's reporting only sufficient quarterly data | 11 | 4 | 24 | 39 |
| No. of AQCR's reporting insufficient data to compare to NAAQS | 8 | 10 | 67 | 85 |
| Carbon monoxide | | | | |
| Total AQCR's in each priority class | 30 | | 217 | 247 |
| No. of AQCR's reporting sufficient quarterly or annual data | 22 | | 26 | 48 |
| No. of AQCR's exceeding any primary standard | 21 | | 21 | 42 |
| Oxidants | | | | |
| Total AQCR's in each priority class | 55 | | 192 | 247 |
| No. of AQCR's reporting sufficient quarterly or annual data | 31 | | 7 | 38 |
| No. of AQCR's exceeding any primary standard | 25 | | 3 | 28 |

Based on data available in NADB, 3 TSP Priority I or Ia AQCR's met all standards for 1972. More importantly, in 1972, 9 Priority III AQCR's exceeded the primary annual standard (7 others exceeded only the secondary guide) and 12 exceeded the primary 24-hour standard (8 others exceeded only the secondary standard). The fact that Priority I AQCR's have met or are meeting NAAQS is encouraging, but because of data limitations, it cannot be concluded that NAAQS are being met everywhere in the Regions. The fact that concentrations in excess of NAAQS are being measured in Priority III Regions, however, is a matter of important interest since SIP requirements were less stringent for these Priority III Regions and, thus, promulgated control stragegies might not necessarily be effective in achieving NAAQS.

In similar fashion, the AQCR's that are Priority I, II, or III for sulfur dioxide are sorted according to their standing with respect to the standards for that pollutant.

Priority I or III AQCR's for carbon monoxide are listed according to their standing with respect to the 1-hour and 8-hour standards.

Priority I or III AQCR's for total oxidants meeting or exceeding the 1-hour standard are also presented.

An analysis of monitoring stations with valid data, by pollutant, showing the number whose measurements exceed primary and secondary standards, is presented in Table 3-6. It should be noted that this table reflects only those valid data available from NADB during 1972. Previous discussions pertaining to the inclusion of State and local data in NADB are applicable. Accordingly, because the table does not include all operating stations, it should not be construed as representing the total number of monitoring sites for which measurements exceed air quality standards.

### 3.2.2. AQCR Summary

Table 3-7 presents a summary of the number of stations in each AQCR for which measurements are available through NADB and which exceed NAAQS. Under the annual standard headings (ANNUAL) the number of stations (#STA) includes only those reporting data that meet the validity criteria for computing representative annual statistics. Short-term standards (24-hour, 1-hour, etc.) are appraised at these stations plus any additional stations reporting at least one quarter of valid data. Therefore, the figure for "#STA" under short-term standards may be greater than in the corresponding column under annual standards.

Stations with less than a complete year of data have been included in the appraisal of short-term standards because the data, even though fragmentary, could include values exceeding a short-term standard and should not be disregarded. If, however, data from such stations do not indicate violations of a short-term standard, this is not conclusive evidence that the standard has been met. (The identity of individual stations that exceeded the standard and an indication of whether they reported a year's valid data are presented in the Appendix.)

In Table 3-7, the columns under SULFUR DIOXIDE parallel those for suspended particulates, with the addition of a column for the number of stations at which the 3-hour standard was exceeded. This column can apply only to instrument methods producing 1-hour data from which the running 3-hour averages can be calculated. All instrument methods, continuous and integrating (24-hour), are combined under the "#STA" columns, implying a comparability among the $SO_2$ measurement methods that has not yet been rigorously substantiated. The Appendix, which summarizes the status at each individual station, separates the stations by instrument method.

Figures 3-1 through 3-4 portray the status of the Nation's 247 Air Quality Control Regions with respect to standards for measurements of suspended particulate matter, sulfur dioxide, carbon monoxide, and oxidants taken during 1972. The clear or unshaded areas are the AQCR's or groups of AQCR's where all the reported data are below the primary standards. It does not necessarily follow that all of these areas can be considered to have met the standards, because the data available at the time are not necessarily representative or comprehensive, amounting in a few instances to as little as one quarter's measurements at one

Table 3-6. STANDARDS STATUS OF MONITORING STATIONS BY POLLUTANT, 1972

| | Number of stations, 1972 |
|---|---|
| Suspended particulates | |
| Total stations with year's valid data[a] | 1589 |
| Exceeding annual secondary standard[b] | 871 |
| Exceeding annual primary standard | 516 |
| Total stations with 1 or more valid quarters | 2683 |
| Exceeding 24-hr secondary standard | 1100 |
| Exceeding 24-hr primary standard | 261 |
| Sulfur dioxide | |
| Total stations with year's valid data[a] | 500 |
| Exceeding annual primary standard | 9 |
| Total stations with 1 or more quarter's valid data | 1064 |
| Exceeding 24-hr primary standard | 24 |
| Exceeding 3-hr secondary standard | 10 |
| Carbon monoxide | |
| Total stations with 1 or more quarter's valid data[a] | 128 |
| Exceeding 1-hr standard | 13 |
| Exceeding 8-hr standard | 95 |
| Total oxidants or ozone | |
| Total stations with 1 or more quarter's valid data[a] | 111 |
| Exceeding 1-hr standard | 93 |

[a]Sufficient data available from which statistics can be calculated.

[b]This is considered to be an air quality guide rather than a standard.

# Table 3-7. SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | UG/CU.M: P.P.M: | | SUSPENDED PARTICULATES ANNUAL PRIORITY | #STA (1) | #> SEC 60 — | #> PRI 75 — | 24-HOUR #STA (2) | #> SEC 150 — | #> PRI 260 — | SULFUR DIOXIDE ANNUAL PRIORITY | #STA (1) | #> PRI 80 .03 | 24-HOUR #STA (2) | #> PRI 365 .14 | 3-HR #> STD 1300 .50 | CARBON MONOXIDE PRIORITY | #STA (2) | 1-HR #> STD 40* 35 | 8-HR #> STD 10* 9 | OXIDANTS PRIORITY | #STA (2) | 1-HR #> STD 160 .08 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 001 ALABAMA AND TOMBIGBEE RIVERS(ALA) | 69 | 2 | | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 3 | 0 | 0 | 4 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 002 COLUMBUS-PHENIX CITY (ALA-GA) | 69 | 1 | | 3 | 1 | 1 | 3 | 0 | 0 | 3 | 1 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 3 | 1 | 1 | 3 | 1 | 0 | | 2 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 2 | 1 | 0 | 2 | 0 | 0 | | 2 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 5 | 2 | 1 | 8 | 1 | 0 | | 2 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 003 EAST ALABAMA | 69 | 1 | | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 1 | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 1 | 1 | 1 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 5 | 3 | 3 | 6 | 4 | 1 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 004 METROPOLITAN BIRMINGHAM (ALA) | 69 | 1 | | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | | 0 | 0 | 0 | 7 | 6 | 3 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 6 | 5 | 5 | 8 | 7 | 6 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 9 | 7 | 6 | 20 | 14 | 8 | | 1 | 0 | 7 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 005 MOBILE-PENSACOLA-PANAMA CITY-S.MISS.(ALA-FLA-MIS | 69 | 1 | | 2 | 2 | 2 | 5 | 3 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | | 0 | 0 | 0 | 3 | 1 | 0 | | 0 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 0 | 0 | 0 | 10 | 3 | 1 | | 0 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 5 | 3 | 3 | 9 | 4 | 1 | | 7 | 0 | 14 | 1 | 1 | | 0 | 0 | 0 | | 1 | 1 |
| 006 SOUTHEAST ALABAMA | 69 | 2 | | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 2 | 1 | 0 | 2 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 007 TENN. RIVER VALLEY-CUMBERLAND MTS (ALA-TENN) | 69 | 1 | | 2 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 2 | 1 | 0 | 2 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 1 | 0 | 0 | 5 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 12 | 5 | 3 | 19 | 6 | 2 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 008 COOK INLET (ALSK) | 69 | 1 | | 1 | 1 | 1 | 1 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 1 | 1 | 0 | 1 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 1 | 0 | 0 | 1 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 4 | 3 | 1 | 9 | 6 | 4 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 009 NORTHERN ALASKA | 69 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 0 | 0 | 0 | 1 | 1 | 1 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 0 | 0 | 0 | 1 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 1 | 1 | 1 | 5 | 2 | 1 | | 0 | 0 | 0 | 0 | 0 | | 1 | 1 | 1 | | 0 | 0 |
| 010 SOUTH CENTRAL ALASKA | 69 | 3 | | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | | SUSPENDED PARTICULATES | | | | | | | SULFUR DIOXIDE | | | | | | CARBON MONOXIDE | | | | OXIDANTS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | ANNUAL | | | 24-HOUR | | | | ANNUAL | | 24-HOUR | | 3-HR | | 1-HR | 8-HR | | 1-HR | |
| | UG/CU.M: P.P.M: | PRIORITY | #STA (1) | #> SEC 60 - | #> PRI 75 - | #STA (2) | #> SEC 150 - | #> PRI 260 - | PRIORITY | #STA (1) | #> PRI 80 .03 | #STA (2) | #> PRI 365 .14 | #> STD 1300 .50 | PRTY | #STA (2) | #> STD 40* 35 | #> STD 10* 9 | PRTY | #STA (2) | #> STD 160 .08 |
| 011 SOUTHEASTERN ALASKA | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1A | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 3 | 3 | 1 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 012 ARIZONA-NEW MEXICO SOUTHERN BORDER (ARIZ.-N. MEX | 69 | 1A | 0 | 0 | 0 | 0 | 0 | 0 | 1A | 0 | 0 | 1 | 0 | 1 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 1 | 0 | 2 | 2 | 2 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 2 | 1 | 1 | 3 | 2 | 1 | | 0 | 0 | 1 | 1 | 1 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 3 | 3 | 2 | | 0 | 0 | 3 | 2 | 3 | | 0 | 0 | 0 | | 0 | 0 |
| 013 CLARK-MOHAVE (ARIZ-NEV) | 69 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | 1A | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 1 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 2 | 1 | 1 | 3 | 3 | 1 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 17 | 11 | 8 | 20 | 17 | 5 | | 1 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 014 FOUR CORNERS (ARIZ-COLO-N.M.-UTAH) | 69 | 1A | 3 | 1 | 1 | 3 | 1 | 0 | 1A | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 3 | 1 | 0 | 4 | 1 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 5 | 1 | 0 | 21 | 9 | 3 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 4 | 0 | 0 | 19 | 6 | 2 | | 0 | 0 | 4 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 015 PHOENIX-TUCSON (ARIZ) | 69 | 1 | 4 | 3 | 3 | 4 | 2 | 0 | 1 | 2 | 0 | 5 | 2 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 70 | | 2 | 1 | 1 | 3 | 2 | 0 | | 1 | 0 | 4 | 2 | 2 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 5 | 5 | 5 | 10 | 8 | 5 | | 1 | 0 | 5 | 2 | 3 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 9 | 8 | 7 | 16 | 13 | 8 | | 2 | 1 | 7 | 2 | 2 | | 1 | 1 | 1 | | 2 | 1 |
| 016 CENTRAL ARKANSAS | 69 | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 3 | 2 | 1 | 11 | 3 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 017 METROPOLITAN FORT SMITH (ARK-OKLA) | 69 | 2 | 2 | 0 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 0 | 0 | 4 | 2 | 1 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 0 | 0 | 8 | 1 | 0 | | 1 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 018 METROPOLITAN MEMPHIS (ARK-MISS-TENN) | 69 | 1 | 3 | 3 | 1 | 7 | 4 | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 2 | 2 | 2 | 2 | 1 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 2 | 1 | 1 | 2 | 1 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 11 | 8 | 4 | 15 | 5 | 0 | | 1 | 0 | 4 | 0 | 0 | | 0 | 0 | 0 | | 1 | 1 |
| 019 MONROE-EL DORADO (ARK-LA) | 69 | 2 | 2 | 1 | 1 | 2 | 1 | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 4 | 3 | 2 | 6 | 2 | 0 | | 1 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 020 NORTHEAST ARKANSAS | 69 | 3 | 1 | 1 | 1 | 2 | 2 | 1 | 3 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 1 | 1 | 2 | 1 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 1 | 1 | 2 | 1 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 2 | 2 | 2 | 5 | 1 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | | SUSPENDED PARTICULATES | | | | | | | SULFUR DIOXIDE | | | | | | CARBON MONOXIDE | | | | OXIDANTS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | ANNUAL | | 24-HOUR | | | | ANNUAL | | 24-HOUR | | 3-HR | | 1-HR | 8-HR | | | 1-HR |
| | | | | #> | #> | #> | #> | | | #> | | #> | | #> | | #> | #> | | | #> |
| | | PRIORITY | #STA | SEC | PRI | #STA | SEC | PRI | PRIORITY | #STA | PRI | #STA | PRI | STD | PRTY | #STA | STD | STD | PRTY | #STA | STD |
| | UG/CU.M: | | (1) | 60 | 75 | (2) | 150 | 260 | | (1) | 80 | (2) | 365 | 1300 | | (2) | 40* | 10* | | (2) | 160 |
| | P.P.M: | | | - | - | | - | - | | | .03 | | .14 | .50 | | | 35 | 9 | | | .08 |
| 021 NORTHWEST ARKANSAS | 69 | 3 | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 022 SHREVEPORT-TEXARKANA-TYLER (ARK-LA-OKLA-TEX) | 69 | 2 | 4 | 3 | 0 | 6 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 3 | 3 | 1 | 7 | 5 | 1 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 2 | 1 | 1 | 6 | 2 | 1 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 5 | 4 | 3 | 9 | 3 | 0 | | 3 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 023 GREAT BASIN VALLEY (CALIF) | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 024 METROPOLITAN LOS ANGELES (CALIF) | 69 | 1 | 15 | 15 | 13 | 16 | 15 | 2 | 2 | 6 | 0 | 7 | 0 | 0 | 1 | 7 | 5 | 7 | 1 | 5 | 5 |
| | 70 | | 11 | 11 | 11 | 11 | 10 | 4 | | 13 | 0 | 17 | 0 | 0 | | 8 | 4 | 7 | | 11 | 11 |
| | 71 | | 9 | 9 | 9 | 11 | 9 | 1 | | 10 | 0 | 17 | 0 | 0 | | 8 | 2 | 8 | | 13 | 13 |
| | 72 | | 10 | 10 | 9 | 11 | 8 | 2 | | 16 | 0 | 20 | 0 | 0 | | 19 | 2 | 15 | | 23 | 22 |
| 025 NORTH CENTRAL COAST (CALIF) | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 0 | 0 | 1 | 4 | 3 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 2 | 1 |
| | 71 | | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 2 | 2 |
| | 72 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 1 | 0 | 0 | | 4 | 4 |
| 026 NORTH COAST (CALIF) | 69 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 1 | 0 |
| 027 NORTHEAST PLATEAU (CALIF) | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 028 SACRAMENTO VALLEY (CALIF) | 69 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| | 70 | | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 2 | 0 | 2 | | 3 | 3 |
| | 71 | | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 2 | 1 | 2 | | 3 | 3 |
| | 72 | | 1 | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 4 | 0 | 2 | | 6 | 6 |
| 029 SAN DIEGO (CALIF) | 69 | 2 | 2 | 2 | 0 | 2 | 1 | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 2 | 2 | 1 | 2 | 2 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 0 | 0 | 1 | 0 | 0 | | 1 | 0 | 2 | 0 | 0 | | 1 | 0 | 1 | | 4 | 4 |
| 030 SAN FRANCISCO BAY AREA (CALIF) | 69 | 2 | 4 | 3 | 2 | 5 | 0 | 0 | 2 | 3 | 0 | 4 | 0 | 0 | 1 | 11 | 0 | 8 | 1 | 16 | 16 |
| | 70 | | 2 | 1 | 0 | 5 | 0 | 0 | | 2 | 0 | 5 | 0 | 0 | | 9 | 0 | 5 | | 11 | 11 |
| | 71 | | 3 | 1 | 1 | 4 | 1 | 0 | | 2 | 0 | 4 | 0 | 0 | | 9 | 0 | 6 | | 10 | 9 |
| | 72 | | 3 | 0 | 0 | 4 | 1 | 0 | | 4 | 0 | 5 | 0 | 0 | | 11 | 0 | 4 | | 13 | 11 |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | | SUSPENDED PARTICULATES | | | | | | | | SULFUR DIOXIDE | | | | | | CARBON MONOXIDE | | | | OXIDANTS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | ANNUAL | | | 24-HOUR | | | | ANNUAL | | 24-HOUR | | 3-HR | | 1-HR | 8-HR | | | | 1-HR |
| | | | | #> | #> | | #> | #> | | | #> | | #> | | #> | | #> | #> | | | | #> |
| | | PRIORITY | #STA | SEC | PRI | #STA | SEC | PRI | PRIORITY | #STA | PRI | #STA | PRI | STD | PRIORITY | #STA | STD | STD | PRIORITY | #STA | STD |
| | UG/CU.M: | | (1) | 60 | 75 | (2) | 150 | 260 | | (1) | 80 | (2) | 365 | 1300 | | (2) | 40* | 10* | | (2) | 160 |
| | P.P.M: | | | - | - | | - | - | | | .03 | | .14 | .50 | | | 35 | 9 | | | .08 |
| 031 SAN JOAQUIN VALLEY (CALIF) | 69 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 1 | 5 | 0 | 5 | 1 | 4 | 4 |
| | 70 | | 1 | 1 | 1 | 1 | 1 | 0 | | 0 | 0 | 1 | 0 | 0 | | 4 | 0 | 1 | | 4 | 4 |
| | 71 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 3 | 0 | 3 | | 3 | 3 |
| | 72 | | 1 | 1 | 1 | 1 | 1 | 0 | | 0 | 0 | 1 | 0 | 0 | | 7 | 0 | 4 | | 8 | 8 |
| 032 SOUTH CENTRAL COAST (CALIF) | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 1 | 0 | 1 | | 1 | 1 |
| 033 SOUTHEAST DESERT (CALIF) | 69 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 3 | 1 | 0 | 2 | 0 | 0 | 3 | 2 | 0 | 2 | 1 | 3 | 3 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 2 | 0 | 2 | | 1 | 1 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 2 | 0 | 2 | | 2 | 2 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 1 | 0 | 2 | 0 | 0 | | 3 | 0 | 3 | | 3 | 3 |
| 034 COMANCHE (COLO) | 69 | 3 | 2 | 1 | 0 | 2 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 2 | 0 | 0 | 2 | 2 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 2 | 0 | 0 | 2 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 2 | 1 | 0 | 2 | 2 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 035 GRAND MESA (COLO) | 69 | 3 | 4 | 4 | 3 | 11 | 7 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 7 | 5 | 3 | 7 | 6 | 1 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 6 | 4 | 3 | 8 | 7 | 3 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 7 | 5 | 3 | 8 | 7 | 1 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 036 METROPOLITAN DENVER (COLO) | 69 | 1 | 20 | 19 | 15 | 20 | 19 | 9 | 3 | 2 | 0 | 4 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| | 70 | | 19 | 17 | 13 | 19 | 17 | 5 | | 3 | 0 | 3 | 0 | 0 | | 1 | 1 | 1 | | 1 | 1 |
| | 71 | | 23 | 21 | 13 | 24 | 19 | 8 | | 0 | 0 | 2 | 0 | 0 | | 1 | 1 | 1 | | 1 | 1 |
| | 72 | | 20 | 18 | 11 | 23 | 20 | 8 | | 1 | 0 | 3 | 0 | 0 | | 1 | 1 | 1 | | 2 | 2 |
| 037 PAWNEE (COLO) | 69 | 1 | 7 | 6 | 5 | 9 | 7 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 9 | 8 | 6 | 10 | 9 | 2 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 10 | 9 | 9 | 11 | 10 | 4 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 7 | 6 | 4 | 11 | 11 | 4 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 038 SAN ISABEL (COLO) | 69 | 1 | 5 | 4 | 4 | 5 | 5 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 7 | 6 | 5 | 7 | 7 | 3 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 8 | 7 | 4 | 8 | 6 | 4 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 8 | 6 | 5 | 9 | 8 | 1 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 039 SAN LUIS (COLO) | 69 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 2 | 2 | 1 | 3 | 2 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 3 | 2 | 1 | 6 | 2 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 5 | 0 | 0 | 5 | 2 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 040 YAMPA (COLO) | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 4 | 3 | 1 | 4 | 3 | 1 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 4 | 3 | 1 | 5 | 3 | 1 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | UG/CU.M: P.P.M: | | SUSPENDED PARTICULATES ANNUAL PRIORITY | #STA (1) | #> SEC 60 | #> PRI 75 | 24-HOUR #STA (2) | #> SEC 150 | #> PRI 260 | SULFUR DIOXIDE ANNUAL PRIORITY | #STA (1) | #> PRI 80 .03 | 24-HOUR #STA (2) | #> PRI 365 .14 | 3-HR #> STD 1300 .50 | CARBON MONOXIDE PRIORITY | #STA (2) | 1-HR #> STD 40* 35 | 8-HR #> STD 10* 9 | OXIDANTS PRIORITY | #STA (2) | 1-HR #> STD 160 .08 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 041 EASTERN CONNECTICUT | | 69 | 2 | 1 | 1 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | | 70 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | | 71 | | 1 | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | | 72 | | 3 | 1 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 042 HARTFORD-NEW HAVEN-SPRINGFIELD (CONN-MASS) | | 69 | 1 | 7 | 6 | 4 | 21 | 10 | 0 | 1 | 4 | 1 | 8 | 2 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| | | 70 | | 4 | 4 | 3 | 6 | 5 | 0 | | 4 | 0 | 5 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | | 71 | | 6 | 6 | 3 | 10 | 5 | 1 | | 5 | 0 | 13 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | | 72 | | 16 | 7 | 2 | 21 | 9 | 0 | | 7 | 0 | 9 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 043 NEW JERSEY-NEW YORK-CONNECTICUT | | 69 | 1 | 36 | 26 | 14 | 45 | 17 | 5 | 1 | 6 | 3 | 9 | 4 | 1 | 1 | 4 | 0 | 4 | 1 | 2 | 2 |
| | | 70 | | 42 | 31 | 22 | 50 | 32 | 3 | | 7 | 3 | 16 | 4 | 1 | | 7 | 0 | 6 | | 2 | 2 |
| | | 71 | | 63 | 47 | 27 | 80 | 41 | 6 | | 11 | 2 | 20 | 3 | 0 | | 6 | 0 | 6 | | 5 | 5 |
| | | 72 | | 68 | 29 | 12 | 102 | 21 | 2 | | 13 | 1 | 26 | 1 | 0 | | 13 | 2 | 12 | | 6 | 6 |
| 044 NORTHWESTERN CONNECTICUT | | 69 | 3 | 1 | 1 | 1 | 3 | 0 | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | | 70 | | 1 | 1 | 1 | 1 | 1 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | | 71 | | 1 | 1 | 1 | 1 | 1 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | | 72 | | 3 | 2 | 0 | 3 | 1 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 045 METROPOLITAN PHILADELPHIA (DEL-N.J.-PA) | | 69 | 1 | 11 | 10 | 5 | 21 | 8 | 3 | 1 | 7 | 2 | 15 | 2 | 3 | 1 | 2 | 0 | 2 | 1 | 1 | 1 |
| | | 70 | | 8 | 7 | 4 | 10 | 6 | 1 | | 9 | 3 | 14 | 2 | 1 | | 6 | 2 | 6 | | 1 | 1 |
| | | 71 | | 17 | 14 | 5 | 26 | 10 | 3 | | 9 | 0 | 18 | 0 | 0 | | 6 | 1 | 6 | | 2 | 2 |
| | | 72 | | 32 | 15 | 7 | 50 | 14 | 2 | | 16 | 1 | 24 | 1 | 0 | | 8 | 1 | 7 | | 2 | 2 |
| 046 SOUTHERN DELAWARE | | 69 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | | 70 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | | 71 | | 0 | 0 | 0 | 2 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | | 72 | | 0 | 0 | 0 | 2 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 047 NATIONAL CAPITAL (D.C.-MD-VA) | | 69 | 1 | 1 | 1 | 0 | 27 | 7 | 1 | 1 | 2 | 0 | 3 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 |
| | | 70 | | 13 | 8 | 2 | 28 | 10 | 2 | | 1 | 0 | 3 | 0 | 0 | | 1 | 1 | 1 | | 1 | 1 |
| | | 71 | | 11 | 4 | 1 | 47 | 10 | 0 | | 1 | 0 | 13 | 0 | 1 | | 2 | 1 | 2 | | 3 | 3 |
| | | 72 | | 43 | 9 | 2 | 60 | 10 | 3 | | 15 | 0 | 19 | 0 | 0 | | 3 | 2 | 2 | | 4 | 4 |
| 048 CENTRAL FLORIDA | | 69 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | | 72 | | 0 | 0 | 0 | 4 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 049 JACKSONVILLE-BRUNSWICK (FLA-GA) | | 69 | 1 | 10 | 5 | 4 | 12 | 4 | 3 | 2 | 10 | 0 | 10 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | | 70 | | 11 | 5 | 3 | 11 | 5 | 3 | | 9 | 0 | 10 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | | 71 | | 10 | 8 | 4 | 10 | 7 | 3 | | 3 | 0 | 12 | 1 | 1 | | 0 | 0 | 0 | | 0 | 0 |
| | | 72 | | 2 | 1 | 0 | 13 | 3 | 1 | | 1 | 0 | 14 | 3 | 1 | | 2 | 1 | 2 | | 2 | 0 |
| 050 SOUTHEAST FLORIDA | | 69 | 2 | 3 | 3 | 0 | 3 | 0 | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | | 70 | | 1 | 1 | 0 | 1 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | | 71 | | 1 | 1 | 0 | 1 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | | 72 | | 1 | 1 | 0 | 12 | 0 | 0 | | 0 | 0 | 2 | 0 | 0 | | 1 | 0 | 0 | | 0 | 0 |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | | SUSPENDED PARTICULATES | | | | | | | SULFUR DIOXIDE | | | | | | CARBON MONOXIDE | | | | OXIDANTS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | ANNUAL | | | 24-HOUR | | | | ANNUAL | | 24-HOUR | | 3-HR | | 1-HR | 8-HR | | | 1-HR |
| | | | #> | #> | | #> | #> | | | #> | | #> | | #> | | #> | #> | | | #> |
| | UG/CU.M: | PRIORITY | #STA | SEC | PRI | #STA | SEC | PRI | PRIORITY | #STA | PRI | #STA | PRI | STD | PRIORITY | #STA | STD | STD | PRIORITY | #STA | STD |
| | P.P.M: | | (1) | 60 | 75 | (2) | 150 | 260 | | (1) | 80 | (2) | 365 | 1300 | | (2) | 40* | 10* | | (2) | 160 |
| | | | | - | - | | - | - | | | .03 | | .14 | .50 | | | 35 | 9 | | | .08* |
| 051 SOUTHWEST FLORIDA | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 052 WEST CENTRAL FLORIDA | 69 | 1 | 7 | 2 | 0 | 8 | 0 | 0 | 1 | 2 | 0 | 2 | 0 | 0 | 3 | 1 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 3 | 1 | 1 | 3 | 0 | 0 | | 2 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 3 | 0 | 0 | 6 | 3 | 0 | | 6 | 0 | 7 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 3 | 1 | 1 | 11 | 1 | 1 | | 7 | 0 | 11 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 053 AUGUSTA-AIKEN (GA-S.C.) | 69 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 1 | 1 | 1 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 2 | 0 | 0 | 6 | 0 | 0 | | 1 | 0 | 5 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 054 CENTRAL GEORGIA | 69 | 1 | 2 | 1 | 1 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 1 | 0 | 2 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 5 | 1 | 0 | | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 055 CHATTANOOGA (GA-TENN) | 69 | 1 | 2 | 2 | 2 | 7 | 5 | 3 | 2 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 2 | 2 | 2 | 5 | 4 | 3 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 3 | 2 | 2 | 9 | 5 | 2 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 7 | 5 | 4 | 12 | 7 | 2 | | 1 | 0 | 5 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 056 METROPOLITAN ATLANTA (GA) | 69 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 1 | 1 | 1 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 1 | 1 | 1 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 1 | 1 | 8 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 1 | 0 | 1 | | 0 | 0 |
| 057 NORTHEAST GEORGIA | 69 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 058 SAVANNAH-BEAUFORT (GA-S.C.) | 69 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 2 | 2 | 1 | 2 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 2 | 1 | 0 | 4 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 4 | 1 | 0 | 8 | 1 | 0 | | 1 | 0 | 4 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 059 SOUTHWEST GEORGIA | 69 | 2 | 1 | 1 | 1 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 060 HAWAII | 69 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 2 | 0 | 0 | 4 | 0 | 0 | | 0 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 11 | 2 | 0 | 14 | 2 | 1 | | 6 | 0 | 12 | 0 | 0 | | 1 | 0 | 1 | | 1 | 0 |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | UG/CU.M: P.P.M: | | SUSPENDED PARTICULATES ANNUAL PRIORITY | #STA (1) | #> SEC 60 - | #> PRI 75 - | 24-HOUR #STA (2) | #> SEC 150 - | #> PRI 260 - | SULFUR DIOXIDE ANNUAL PRIORITY | #STA (1) | #> PRI 80 .03 | 24-HOUR #STA (2) | #> PRI 365 .14 | 3-HR #> STD 1300 .50 | CARBON MONOXIDE PRTY | #STA (2) | 1-HR #> STD 40* 35 | 8-HR #> STD 10* 9 | OXIDANTS PRTY | #STA (2) | 1-HR #> STD 160 .08 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 061 EASTERN IDAHO | 69 | 1 | 1 | 0 | 0 | 3 | 2 | 1 | 1A | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 3 | 1 | 1 | 11 | 8 | 1 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 3 | 1 | 1 | 10 | 7 | 3 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 062 EASTERN WASHINGTON-NORTHERN IDAHO (IDAHO-WASHING | 69 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1A | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 1 | 1 | 1 | 1 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 7 | 7 | 5 | 23 | 19 | 4 | | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 13 | 10 | 7 | 20 | 16 | 5 | | 2 | 0 | 2 | 0 | 0 | | 2 | 0 | 2 | | 0 | 0 |
| 063 IDAHO (REMAINDER) | 69 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 1 | 1 | 2 | 2 | 1 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 2 | 1 | 1 | 3 | 3 | 1 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 064 METROPOLITAN BOISE (IDAHO) | 69 | 2 | 3 | 3 | 3 | 4 | 4 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 4 | 4 | 3 | 5 | 4 | 1 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 6 | 4 | 3 | 7 | 4 | 1 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 065 BURLINGTON-KEOKUK (ILL-IOWA) | 69 | 1 | 1 | 1 | 1 | 6 | 5 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 1 | 1 | 1 | 1 | 1 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 1 | 1 | 2 | 2 | 1 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 3 | 3 | 2 | 3 | 1 | 1 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 066 EAST CENTRAL ILLINOIS | 69 | 3 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 067 METROPOLITAN CHICAGO (ILL-IND) | 69 | 1 | 49 | 49 | 41 | 93 | 85 | 41 | 1 | 37 | 15 | 41 | 13 | 7 | 1 | 1 | 0 | 1 | 1 | 0 | 0 |
| | 70 | | 28 | 28 | 28 | 44 | 44 | 20 | | 24 | 9 | 32 | 6 | 0 | | 1 | 0 | 1 | | 1 | 1 |
| | 71 | | 27 | 27 | 24 | 41 | 40 | 11 | | 30 | 2 | 44 | 3 | 6 | | 5 | 3 | 5 | | 1 | 1 |
| | 72 | | 50 | 34 | 26 | 79 | 60 | 24 | | 36 | 0 | 65 | 1 | 1 | | 0 | 0 | 0 | | 1 | 1 |
| 068 METROPOLITAN DUBUQUE (ILL-IOWA-WISC) | 69 | 1 | 3 | 3 | 2 | 3 | 2 | 2 | 3 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 1 | 1 | 1 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 1 | 0 | 1 | 1 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 069 METROPOLITAN QUAD CITIES (ILL-IOWA) | 69 | 1 | 1 | 1 | 1 | 4 | 3 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 4 | 4 | 2 | 5 | 3 | 2 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 3 | 2 | 2 | 4 | 3 | 2 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 4 | 3 | 3 | 5 | 3 | 1 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 070 METROPOLITAN ST. LOUIS (ILL-MO) | 69 | 1 | 7 | 7 | 7 | 25 | 23 | 10 | 1 | 2 | 0 | 4 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 |
| | 70 | | 9 | 8 | 6 | 15 | 12 | 6 | | 1 | 0 | 3 | 0 | 0 | | 1 | 0 | 1 | | 1 | 0 |
| | 71 | | 2 | 2 | 2 | 12 | 6 | 1 | | 3 | 0 | 3 | 0 | 0 | | 1 | 0 | 1 | | 1 | 1 |
| | 72 | | 11 | 9 | 5 | 13 | 8 | 2 | | 1 | 0 | 2 | 0 | 0 | | 1 | 0 | 1 | | 1 | 1 |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | UG/CU.M: P.P.M: | | SUSPENDED PARTICULATES ANNUAL PRIORITY | #STA (1) | ANNUAL #> SEC 60 — | ANNUAL #> PRI 75 — | 24-HOUR #STA (2) | 24-HOUR #> SEC 150 — | 24-HOUR #> PRI 260 — | SULFUR DIOXIDE ANNUAL PRIORITY | #STA (1) | ANNUAL #> PRI 80 .03 | 24-HOUR #STA (2) | 24-HOUR #> PRI 365 .14 | 3-HR #> STD 1300 .50 | CARBON MONOXIDE PRTY | 1-HR #STA (2) | 1-HR #> STD 40* 35 | 8-HR #> STD 10* 9 | OXIDANTS PRTY | 1-HR #STA (2) | 1-HR #> STD 160 .08 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 071 NORTH CENTRAL ILLINOIS | 69 | 2 | 0 | 0 | 0 | 3 | 2 | 1 | 1A | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 072 PADUCAH-CAIRO (ILL-KY) | 69 | 1 | 0 | 0 | 0 | 12 | 9 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 10 | 4 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 5 | 4 | 2 | 7 | 7 | 0 | | 2 | 0 | 6 | 0 | 1 | | 1 | 0 | 1 | | 0 | 0 |
| | 72 | | 9 | 5 | 2 | 17 | 4 | 0 | | 10 | 0 | 16 | 0 | 0 | | 1 | 0 | 1 | | 0 | 0 |
| 073 ROCKFORD-JANESVILLE-BELOIT (ILL-WISC) | 69 | 2 | 2 | 2 | 2 | 5 | 2 | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 4 | 3 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 3 | 2 | 1 | 4 | 2 | 1 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 074 SOUTHEAST ILLINOIS | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 075 WEST CENTRAL ILLINOIS | 69 | 1 | 1 | 1 | 1 | 3 | 1 | 0 | 1A | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 1 | 1 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 1 | 1 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 1 | 1 | 2 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | - |
| 076 EAST CENTRAL INDIANA | 69 | 2 | 0 | 0 | 0 | 2 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 0 | 0 | 4 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 4 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 077 EVANSVILLE-OWENSBORO-HENDERSON (IND-KY) | 69 | 1 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 15 | 0 | 15 | 0 | 4 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 2 | 1 | 1 | 6 | 2 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 8 | 8 | 5 | 12 | 7 | 2 | | 3 | 0 | 10 | 0 | 0 | | 1 | 0 | 1 | | 0 | 0 |
| | 72 | | 13 | 10 | 7 | 26 | 7 | 0 | | 11 | 0 | 13 | 1 | 0 | | 1 | 0 | 1 | | 0 | 0 |
| 078 LOUISVILLE (IND-KY) | 69 | 1 | 4 | 4 | 4 | 4 | 3 | 0 | 1 | 2 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 1 | 1 | 1 | 4 | 3 | 1 | | 1 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 12 | 11 | 10 | 16 | 11 | 0 | | 1 | 0 | 6 | 0 | 0 | | 2 | 0 | 2 | | 1 | 1 |
| | 72 | | 10 | 8 | 7 | 21 | 10 | 1 | | 2 | 0 | 22 | 0 | 1 | | 2 | 0 | 1 | | 2 | 1 |
| 079 METROPOLITAN CINCINNATI (IND-KY-OHIO) | 69 | 1 | 5 | 5 | 4 | 7 | 5 | 1 | 2 | 3 | 0 | 5 | 0 | 0 | 3 | 2 | 0 | 2 | 1 | 0 | 0 |
| | 70 | | 10 | 10 | 8 | 16 | 8 | 3 | | 2 | 0 | 3 | 0 | 0 | | 1 | 0 | 1 | | 0 | 0 |
| | 71 | | 19 | 16 | 12 | 38 | 15 | 3 | | 3 | 0 | 8 | 0 | 0 | | 1 | 0 | 1 | | 1 | 1 |
| | 72 | | 43 | 38 | 23 | 46 | 19 | 2 | | 7 | 0 | 23 | 0 | 0 | | 0 | 0 | 0 | | 2 | 2 |
| 080 METROPOLITAN INDIANAPOLIS (IND) | 69 | 1 | 12 | 12 | 9 | 18 | 16 | 5 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 2 | 1 | 1 | 2 | 1 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 16 | 14 | 9 | 16 | 12 | 1 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 1 | 0 |
| | 72 | | 0 | 0 | 0 | 27 | 12 | 1 | | 1 | 0 | 22 | 1 | 1 | | 0 | 0 | 0 | | | |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | UG/CU.M: P.P.M: | | SUSPENDED PARTICULATES ANNUAL PRIORITY | #STA (1) | #> SEC 60 — | #> PRI 75 — | 24-HOUR #STA (2) | #> SEC 150 — | #> PRI 260 — | SULFUR DIOXIDE ANNUAL PRIORITY | #STA (1) | #> PRI 80 .03 | 24-HOUR #STA (2) | #> PRI 365 .14 | 3-HR #> STD 1300 .50 | CARBON MONOXIDE 1-HR PRTY | #STA (2) | 1-HR #> STD 40* 35 | 8-HR #> STD 10* 9 | OXIDANTS PRTY | #STA (2) | 1-HR #> STD 160 .08 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 081 NORTHEAST INDIANA | 69 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 1 | 1 | 1 | 1 | 0 | | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 2 | 0 | 0 | | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 1 | 1 | 2 | 0 | 0 | | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 082 SOUTH BEND-ELKHART-BENTON HARBOR (IND.-MICH) | 69 | 1 | 2 | 2 | 0 | 2 | 1 | 0 | | 1A | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 3 | 2 | 2 | 5 | 2 | 0 | | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 1 | 0 | 18 | 1 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 5 | 1 | 0 | 24 | 6 | 0 | | | 2 | 0 | 7 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 083 SOUTHERN INDIANA | 69 | 1A | 1 | 0 | 0 | 1 | 0 | 0 | | 1A | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 0 | 0 | 2 | 0 | 0 | | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 0 | 0 | 1 | 0 | 0 | | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 0 | 0 | 3 | 0 | 0 | | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 084 WABASH VALLEY (IND) | 69 | 1 | 4 | 2 | 2 | 4 | 2 | 0 | | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 8 | 6 | 5 | 13 | 6 | 3 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 0 | 0 | 12 | 9 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 2 | 1 | 1 | 19 | 10 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 085 METROPOLITAN OMAHA-COUNCIL BLUFFS (IOWA-NEB) | 69 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 2 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 1 | 1 | 3 | 3 | 1 | | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 2 | 2 | 2 | 14 | 7 | 1 | | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 11 | 9 | 5 | 13 | 6 | 1 | | | 1 | 0 | 1 | 0 | 0 | | 1 | 0 | 1 | | 1 | 1 |
| 086 METROPOLITAN SIOUX CITY (IOWA-NEB-S.D.) | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 1 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 1 | 1 | 2 | 1 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 2 | 1 | 1 | 2 | 1 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 087 METROPOLITAN SIOUX FALLS (IOWA-S.D.) | 69 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 1 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 1 | 1 | 1 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 1 | 1 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 088 NORTHEAST IOWA | 69 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 1 | 1 | 2 | 2 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 1 | 1 | 3 | 1 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 2 | 2 | 2 | 8 | 5 | 1 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 089 NORTH CENTRAL IOWA | 69 | 1A | 0 | 0 | 0 | 0 | 0 | 0 | | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 1 | 1 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 1 | 1 | 1 | 1 | 1 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 1 | 1 | 3 | 1 | 1 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 090 NORTHWEST IOWA | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 1 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | UG/CU.M: P.P.M: | SUSPENDED PARTICULATES ANNUAL PRIORITY | #STA (1) | #> SEC 60 | #> PRI 75 | 24-HOUR PRIORITY | #STA (2) | #> SEC 150 | #> PRI 260 | SULFUR DIOXIDE ANNUAL PRIORITY | #STA (1) | #> PRI 80 .03 | 24-HOUR #STA (2) | #> PRI 365 .14 | 3-HR #> STD 1300 .50 | CARBON MONOXIDE 1-HR PR'TY | #STA (2) | #> STD 40* 35 | 8-HR #> STD 10* 9 | OXIDANTS 1-HR PR'TY | #STA (2) | #> STD 160 .08 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 091 SOUTHEAST IOWA | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 1 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 092 SOUTH CENTRAL IOWA | 69 | 1 | 2 | 2 | 2 | 5 | 4 | 0 | | 3 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 1 | 1 | 1 | 1 | 1 | 0 | | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 2 | 2 | 2 | 2 | 1 | 1 | | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 1 | 1 | 3 | 2 | 1 | | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 093 SOUTHWEST IOWA | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 1 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 1 | 1 | 2 | 1 | 1 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 094 METROPOLITAN KANSAS CITY (KAN-MO) | 69 | 1 | 4 | 4 | 4 | 4 | 4 | 2 | | 3 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 3 | 3 | 3 | 3 | 3 | 1 | | | 1 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 6 | 6 | 5 | 12 | 8 | 1 | | | 4 | 0 | 8 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 25 | 22 | 13 | 32 | 20 | 1 | | | 5 | 0 | 9 | 0 | 0 | | 1 | 0 | 1 | | 0 | 0 |
| 095 NORTHEAST KANSAS | 69 | 1 | 1 | 0 | 0 | 4 | 3 | 1 | | 3 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 2 | 2 | 1 | 5 | 3 | 1 | | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 5 | 4 | 3 | 6 | 5 | 2 | | | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 5 | 4 | 2 | 9 | 3 | 0 | | | 2 | 0 | 8 | 0 | 0 | | 1 | 0 | 1 | | 0 | 0 |
| 096 NORTH CENTRAL KANSAS | 69 | 1 | 0 | 0 | 0 | 4 | 1 | 0 | | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 4 | 3 | 2 | 4 | 3 | 1 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 3 | 2 | 1 | 4 | 3 | 2 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 3 | 2 | 1 | 6 | 4 | 2 | | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 097 NORTHWEST KANSAS | 69 | 1 | 0 | 0 | 0 | 2 | 1 | 0 | | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 3 | 2 | 1 | 3 | 3 | 1 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 3 | 2 | 1 | 4 | 2 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 4 | 3 | 2 | 5 | 3 | 0 | | | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 098 SOUTHEAST KANSAS | 69 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 1 | 0 | 2 | 1 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 2 | 1 | 0 | 4 | 1 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 3 | 1 | 0 | 6 | 0 | 0 | | | 0 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 099 SOUTH CENTRAL KANSAS | 69 | 1 | 2 | 0 | 0 | 8 | 5 | 2 | | 3 | 2 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 7 | 6 | 6 | 7 | 6 | 3 | | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 7 | 5 | 4 | 7 | 4 | 1 | | | 1 | 0 | 3 | 0 | 0 | | 1 | 0 | 1 | | 0 | 0 |
| | 72 | | 5 | 3 | 2 | 15 | 7 | 3 | | | 1 | 0 | 6 | 0 | 0 | | 1 | 0 | 1 | | 0 | 0 |
| 100 SOUTHWEST KANSAS | 69 | 1 | 0 | 0 | 0 | 2 | 2 | 1 | | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 2 | 2 | 1 | 2 | 2 | 2 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 2 | 1 | 1 | 2 | 1 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 2 | 1 | 1 | 3 | 2 | 0 | | | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | UG/CU.M: P.P.M: | | SUSPENDED PARTICULATES ANNUAL PRIORITY | #STA (1) | #> SEC 60 — | #> PRI 75 — | 24-HOUR #STA (2) | #> SEC 150 — | #> PRI 260 — | SULFUR DIOXIDE ANNUAL PRIORITY | #STA (1) | #> PRI 80 .03 | 24-HOUR #STA (2) | #> PRI 365 .14 | 3-HR #> STD 1300 .50 | CARBON MONOXIDE PRIORITY | 1-HR #STA (2) | #> STD 40* 35 | 8-HR #> STD 10* 9 | OXIDANTS PRIORITY | #STA (2) | 1-HR #> STD 160 .08 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 101 APPALACHIAN (KY) | 69 | 2 | | 0 | 0 | 0 | 3 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 0 | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 3 | 2 | 2 | 4 | 3 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 3 | 2 | 0 | 4 | 2 | 0 | | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 102 BLUEGRASS (KY) | 69 | 2 | | 2 | 0 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 1 | 1 | 0 | 3 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 3 | 1 | 0 | 4 | 0 | 0 | | 0 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 4 | 1 | 0 | 4 | 1 | 0 | | 2 | 0 | 4 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 103 HUNTINGTON-ASHLAND-PORTSMOUTH-IRONTON (KY-OH-W.V | 69 | 1 | | 5 | 5 | 3 | 5 | 4 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 1 | 1 | 1 | 4 | 3 | 2 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 7 | 6 | 4 | 13 | 7 | 2 | | 2 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 12 | 8 | 7 | 16 | 7 | 1 | | 6 | 0 | 9 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 104 NORTH CENTRAL KENTUCKY | 69 | 2 | | 0 | 0 | 0 | 1 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 0 | 0 | 0 | 1 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 1 | 0 | 0 | 1 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 105 SOUTH CENTRAL KENTUCKY | 69 | 3 | | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 1 | 0 | 0 | 1 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 3 | 2 | 0 | 3 | 0 | 0 | | 1 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 106 SOUTHERN LOUISIANA-SOUTHEAST TEXAS (LOUISIANA-TE | 69 | 2 | | 5 | 4 | 0 | 7 | 0 | 0 | 1 | 2 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | | 4 | 4 | 1 | 6 | 0 | 0 | | 3 | 0 | 4 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 4 | 4 | 0 | 6 | 0 | 0 | | 2 | 0 | 4 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 6 | 5 | 2 | 8 | 1 | 0 | | 11 | 0 | 15 | 0 | 0 | | 0 | 0 | 0 | | 2 | 2 |
| 107 ANDROSCOGGIN VALLEY (ME-N.H.) | 69 | 1A | | 1 | 0 | 0 | 1 | 0 | 0 | 1A | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 4 | 0 | 0 | 7 | 4 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 4 | 0 | 0 | 8 | 1 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 108 AROOSTOOK (ME) | 69 | 3 | | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 109 DOWN EAST (ME) | 69 | 1A | | 1 | 0 | 0 | 1 | 0 | 0 | 1A | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 1 | 0 | 0 | 1 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 1 | 0 | 0 | 1 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 1 | 0 | 0 | 1 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 110 METROPOLITAN PORTLAND (ME) | 69 | 1 | | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 1 | 1 | 1 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 3 | 2 | 0 | 6 | 1 | 0 | | 5 | 1 | 6 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 0 | 0 | 0 | 5 | 0 | 0 | | 1 | 0 | 5 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | | SUSPENDED PARTICULATES | | | | | | | SULFUR DIOXIDE | | | | | | CARBON MONOXIDE | | | | OXIDANTS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ANNUAL | | | 24-HOUR | | | | ANNUAL | | 24-HOUR | | 3-HR | | 1-HR | 8-HR | | 1-HR | | | |
| | | | #> | #> | | #> | #> | | | #> | | #> | #> | | #> | #> | | #> | | | #> |
| | | PRIORITY | #STA (1) | SEC 60 - | PRI 75 - | #STA (2) | SEC 150 - | PRI 260 - | PRIORITY | #STA (1) | PRI 80 .03 | #STA (2) | PRI 365 .14 | STD 1300 .50 | PRTY | #STA (2) | STD 40* 35 | STD 10* 9 | PRTY | #STA (2) | STD 160 .08 |
| 111 NORTHWEST MAINE | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 112 CENTRAL MARYLAND | 69 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 3 | 1 | 0 | 0 | 0 | 0 | | 3 | 0 | 6 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 113 CUMBERLAND-KEYSER (MD-W. VA.) | 69 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 1 | 1 | 7 | 4 | 0 | | 1 | 0 | 5 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 114 EASTERN SHORE (MD) | 69 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 5 | 0 | 0 | 7 | 0 | 0 | | 3 | 0 | 4 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 115 METROPOLITAN BALTIMORE (MD) | 69 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 1 | 1 | 1 | | 1 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 30 | 16 | 6 | 31 | 12 | 3 | | 15 | 0 | 18 | 0 | 0 | | 1 | 0 | 0 | | 0 | 0 |
| 116 SOUTHERN MARYLAND | 69 | 3 | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 0 | 0 | 3 | 0 | 0 | | 1 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 117 BERKSHIRE (MASS) | 69 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 2 | 1 | 0 | 6 | 2 | 0 | | 4 | 0 | 12 | 2 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 6 | 0 | 0 | 6 | 1 | 0 | | 6 | 0 | 6 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 118 CENTRAL MASSACHUSETTS | 69 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 2 | 2 | 0 | | 0 | 0 | 4 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 2 | 1 | 0 | 2 | 2 | 1 | | 3 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 119 METROPOLITAN BOSTON (MASS) | 69 | 1 | 4 | 4 | 4 | 5 | 4 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 4 | 4 | 4 | 7 | 5 | 1 | | 4 | 2 | 7 | 2 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 10 | 9 | 6 | 22 | 9 | 4 | | 15 | 0 | 42 | 2 | 0 | | 2 | 0 | 2 | | 0 | 0 |
| | 72 | | 18 | 6 | 4 | 23 | 6 | 1 | | 17 | 0 | 23 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 120 METROPOLITAN PROVIDENCE (MASS-R.I.) | 69 | 1 | 4 | 2 | 1 | 5 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 4 | 2 | 1 | 9 | 0 | 0 | | 1 | 0 | 8 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 20 | 8 | 3 | 27 | 7 | 0 | | 2 | 0 | 26 | 1 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 23 | 3 | 1 | 29 | 4 | 0 | | 20 | 0 | 23 | 0 | 0 | | 2 | 0 | 1 | | 0 | 0 |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | | | SUSPENDED PARTICULATES | | | | | | SULFUR DIOXIDE | | | | | | CARBON MONOXIDE | | | | OXIDANTS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | ANNUAL | | | 24-HOUR | | | ANNUAL | | 24-HOUR | | 3-HR | | 1-HR | 8-HR | | | 1-HR | |
| | UG/CU.M: P.P.M: | PRIORITY | #STA (1) | #> SEC 60 - | #> PRI 75 - | #STA (2) | #> SEC 150 - | #> PRI 260 - | PRIORITY | #STA (1) | #> PRI 80 .03 | #STA (2) | #> PRI 365 .14 | #> STD 1300 .50 | PRTY | #STA (2) | #> STD 40* 35 | #> STD 10* 9 | PRTY | #STA (2) | #> STD 160 .08 |
| 121 MERRIMACK VALLEY-SOUTHERN NEW HAMPSHIRE (MASS-N. | 69 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 2 | 0 | 0 | 5 | 1 | 0 | | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 9 | 1 | 0 | 19 | 2 | 0 | | 2 | 0 | 12 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 15 | 1 | 0 | 22 | 4 | 0 | | 4 | 0 | 10 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 122 CENTRAL MICHIGAN | 69 | 2 | 15 | 12 | 9 | 22 | 13 | 3 | 3 | 3 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 19 | 15 | 10 | 23 | 9 | 2 | | 3 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 13 | 10 | 4 | 18 | 4 | 0 | | 2 | 0 | 5 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 26 | 12 | 2 | 35 | 10 | 2 | | 7 | 0 | 11 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 123 METROPOLITAN DETROIT-PORT HURON (MICH) | 69 | 1 | 10 | 10 | 8 | 16 | 12 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 9 | 8 | 6 | 13 | 10 | 1 | | 1 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 22 | 21 | 18 | 43 | 28 | 8 | | 1 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 42 | 32 | 22 | 42 | 26 | 4 | | 14 | 0 | 21 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 124 METROPOLITAN TOLEDO (MICH-OHIO) | 69 | 1 | 10 | 10 | 5 | 12 | 9 | 2 | 1 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 10 | 10 | 9 | 15 | 10 | 1 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 8 | 8 | 6 | 16 | 5 | 0 | | 1 | 0 | 5 | 1 | 1 | | 2 | 0 | 2 | | 0 | 0 |
| | 72 | | 14 | 13 | 8 | 16 | 11 | 2 | | 3 | 0 | 8 | 1 | 0 | | 1 | 0 | 0 | | 0 | 0 |
| 125 SOUTH CENTRAL MICHIGAN | 69 | 2 | 4 | 3 | 0 | 5 | 4 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 3 | 2 | 2 | 4 | 1 | 1 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 4 | 3 | 1 | 4 | 1 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 6 | 3 | 1 | 7 | 2 | 0 | | 2 | 0 | 3 | 1 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 126 UPPER MICHIGAN | 69 | 3 | 2 | 0 | 0 | 4 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 6 | 0 | 0 | 6 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 5 | 0 | 0 | 9 | 3 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 12 | 2 | 0 | 15 | 4 | 2 | | 2 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 127 CENTRAL MINNESOTA | 69 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 1 | 0 | 7 | 0 | 0 | | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 128 SOUTHEAST MINNESOTA-LA CROSSE (MINN-WISC) | 69 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 1A | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 2 | 0 | 0 | 5 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 2 | 0 | 0 | 11 | 2 | 0 | | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 129 DULUTH-SUPERIOR (MINN-WISC) | 69 | 1 | 3 | 3 | 0 | 8 | 5 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 2 | 2 | 1 | 3 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 0 | 0 | 6 | 3 | 1 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 1 | 0 | 4 | 3 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 130 METROPOLITAN FARGO-MOORHEAD (MINN-N.D.) | 69 | 2 | 2 | 1 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 2 | 1 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 3 | 1 | 0 | 7 | 3 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | | SUSPENDED PARTICULATES | | | | | | | SULFUR DIOXIDE | | | | | | CARBON MONOXIDE | | | | OXIDANTS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | ANNUAL | | | 24-HOUR | | | | ANNUAL | | 24-HOUR | | 3-HR | | 1-HR | 8-HR | | 1-HR | |
| | | PRIORITY | #STA (1) | #> SEC 60 | #> PRI 75 | #STA (2) | #> SEC 150 | #> PRI 260 | PRIORITY | #STA (1) | #> PRI 80 .03 | #STA (2) | #> PRI 365 .14 | #> STD 1300 .50 | PRTY | #STA (2) | #> STD 40* 35 | #> STD 10* 9 | PRTY | #STA (2) | #> STD 160 .08 |
| 131 MINNEAPOLIS-ST. PAUL (MINN) | 69 | 1 | 13 | 11 | 2 | 14 | 6 | 2 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 1 | 0 |
| | 70 | | 2 | 2 | 1 | 2 | 2 | 0 | | 1 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 1 | 0 | 2 | 0 | 1 | | 1 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 7 | 5 | 2 | 24 | 8 | 0 | | 4 | 0 | 12 | 1 | 0 | | 2 | 0 | 2 | | 1 | 0 |
| 132 NORTHWEST MINNESOTA | 69 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 133 SOUTHWEST MINNESOTA | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 134 MISSISSIPPI DELTA | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 135 NORTHEAST MISSISSIPPI | 69 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 136 NORTHERN PIEDMONT (N.C.) | 69 | 1 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 2 | 2 | 2 | 2 | 2 | 0 | | 1 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 1 | 1 | 10 | 5 | 1 | | 2 | 0 | 9 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 29 | 11 | 9 | 29 | 12 | 2 | | 15 | 0 | 23 | 0 | 0 | | 0 | 0 | 0 | | 1 | 0 |
| 137 NORTHERN MISSOURI | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 4 | 1 | 1 | 5 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 138 SOUTHEAST MISSOURI | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 7 | 1 | 1 | 7 | 2 | 1 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 139 SOUTHWEST MISSOURI | 69 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 0 | 0 | 1 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 0 | 0 | 3 | 1 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 140 BILLINGS (MONT) | 69 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | UG/CU.M: P.P.M: | SUSPENDED PARTICULATES ANNUAL PRIORITY | #STA (1) | #> SEC 60 - | #> PRI 75 - | 24-HOUR #STA (2) | #> SEC 150 - | #> PRI 260 - | SULFUR DIOXIDE ANNUAL PRIORITY | #STA (1) | #> PRI 80 .03 | 24-HOUR #STA (2) | #> PRI 365 .14 | 3-HR #> STD 1300 .50 | CARBON MONOXIDE 1-HR PRIORITY | #STA (2) | #> STD 40* 35 | 8-HR #> STD 12* 9 | OXIDANTS 1-HR PRIORITY | #STA (2) | #> STD 160 .08 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 141 GREAT FALLS (MONT) | 69 | 3 | 1 | 0 | 0 | 1 | 0 | 0 | 1A | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 0 | 0 | 1 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 142 HELENA (MONT) | 69 | 1A | 1 | 0 | 0 | 1 | 0 | 0 | 1A | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 143 MILES CITY (MONT) | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 144 MISSOULA (MONT) | 69 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 145 LINCOLN-BEATRICE-FAIRBURY (NEB) | 69 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 2 | 1 | 0 | 3 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 8 | 4 | 0 | 8 | 1 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 146 NEBRASKA (REMAINDER) | 69 | 3 | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 8 | 7 | 3 | 9 | 4 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 7 | 3 | 1 | 15 | 3 | 1 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 147 NEVADA (REMAINDER) | 69 | 1A | 1 | 0 | 0 | 1 | 0 | 0 | 1A | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 8 | 4 | 3 | 9 | 4 | 2 | | 0 | 0 | 3 | 1 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 148 NORTHWEST NEVADA | 69 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 1 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 1 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 14 | 8 | 5 | 15 | 6 | 0 | | 0 | 0 | 0 | 0 | 0 | | 1 | 0 | 1 | | 0 | 0 |
| 149 CENTRAL NEW HAMPSHIRE | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 150 NEW JERSEY (REMAINDER) | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1A | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 1 | 1 | 1 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 2 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 1 | 0 | 1 | | 0 | 0 |
| | 72 | | 2 | 0 | 0 | 9 | 0 | 0 | | 2 | 0 | 2 | 0 | 0 | | 2 | 0 | 2 | | 0 | 0 |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | | | SUSPENDED PARTICULATES | | | | | | | SULFUR DIOXIDE | | | | | | | CARBON MONOXIDE | | | | | OXIDANTS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | ANNUAL | | | 24-HOUR | | | | ANNUAL | | 24-HOUR | | 3-HR | | | 1-HR | | 8-HR | | | | | |
| | | | | #> | #> | | #> | #> | | | #> | | #> | #> | | | | #> | #> | | | | | #> |
| | | PRIORITY | #STA (1) | SEC 60 | PRI 75 | #STA (2) | SEC 150 | PRI 260 | PRIORITY | #STA (1) | PRI 80 | #STA (2) | PRI 365 | STD 1300 | PRIORITY | #STA (2) | STD 40* 35 | STD 10* 9 | PRIORITY | #STA (2) | STD 160 |
| UG/CU.M: | | | | | | | | | | | .03 | | .14 | .50 | | | | | | | .08 |
| P.P.M: | | | | - | - | | - | - | | | | | | | | | | | | | |
| 151 NORTHEAST PENNSYLVANIA-UPPER DEL. VAL. (PENN-N.J | 69 | 1 | 5 | 5 | 5 | 5 | 5 | 1 | 2 | 2 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 4 | 4 | 4 | 5 | 5 | 1 | | 2 | 0 | 4 | 0 | 0 | | 1 | 0 | 1 | | 0 | 0 |
| | 71 | | 4 | 4 | 4 | 6 | 5 | 1 | | 1 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 25 | 18 | 16 | 33 | 18 | 4 | | 4 | 0 | 4 | 0 | 0 | | 1 | 0 | 1 | | 0 | 0 |
| 152 ALBUQUERQUE-MID RIO GRANDE (N. MEX) | 69 | 1 | 10 | 6 | 3 | 10 | 7 | 1 | 3 | 1 | 0 | 1 | 0 | 0 | 3 | 1 | 0 | 1 | 1 | 0 | 0 |
| | 70 | | 10 | 7 | 7 | 11 | 9 | 7 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 9 | 7 | 7 | 13 | 8 | 0 | | 0 | 0 | 1 | 0 | 0 | | 1 | 0 | 1 | | 0 | 0 |
| | 72 | | 1 | 1 | 1 | 12 | 9 | 1 | | 1 | 0 | 1 | 0 | 0 | | 1 | 0 | 1 | | 0 | 0 |
| 153 EL PASO-LAS CRUCES-ALAMAGORDO (N. MEX-TEX) | 69 | 1 | 0 | 0 | 0 | 2 | 2 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 2 | 1 | 1 | 6 | 5 | 3 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 2 | 2 | 2 | 18 | 16 | 13 | | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 154 NORTHEAST PLAINS (N. MEX) | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 1 | 1 | 1 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 155 PECOS-PERMIAN BASIN (N. MEX) | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 3 | 2 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 1 | 0 | 5 | 4 | 1 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 156 SOUTHWESTERN MOUNTAINS-AUGUSTINE PLAINS (N. MEX) | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 157 UPPER RIO GRANDE VALLEY (N. MEX) | 69 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 0 | 0 | 6 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 2 | 0 | 0 | 4 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 158 CENTRAL NEW YORK | 69 | 1 | 17 | 11 | 10 | 27 | 14 | 2 | 2 | 2 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 31 | 14 | 10 | 38 | 15 | 1 | | 0 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 33 | 18 | 9 | 38 | 20 | 4 | | 1 | 0 | 4 | 0 | 0 | | 1 | 0 | 1 | | 1 | 1 |
| | 72 | | 29 | 16 | 7 | 39 | 14 | 2 | | 2 | 0 | 5 | 0 | 0 | | 2 | 0 | 1 | | 1 | 1 |
| 159 CHAMPLAIN VALLEY (N.Y.-VT) | 69 | 2 | 5 | 0 | 0 | 5 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 4 | 0 | 0 | 5 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 4 | 0 | 0 | 6 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 5 | 0 | 0 | 10 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 160 GENESEE-FINGER LAKES (N.Y.) | 69 | 2 | 7 | 5 | 4 | 9 | 6 | 0 | 2 | 1 | 0 | 4 | 1 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 9 | 4 | 3 | 11 | 3 | 0 | | 4 | 1 | 6 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 14 | 5 | 3 | 15 | 4 | 0 | | 6 | 0 | 8 | 0 | 0 | | 1 | 0 | 1 | | 1 | 1 |
| | 72 | | 17 | 5 | 3 | 20 | 3 | 0 | | 1 | 0 | 10 | 0 | 0 | | 1 | 0 | 0 | | 1 | 0 |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | | | SUSPENDED PARTICULATES ANNUAL #> SEC 60 — | ANNUAL #> PRI 75 — | 24-HOUR #STA (2) | 24-HOUR #> SEC 150 — | 24-HOUR #> PRI 260 — | | SULFUR DIOXIDE ANNUAL #STA (1) | ANNUAL #> PRI 80 .03 | 24-HOUR #STA (2) | 24-HOUR #> PRI 365 .14 | 3-HR #> STD 1300 .50 | | CARBON MONOXIDE 1-HR #STA (2) | 1-HR #> STD 40* 35 | 8-HR #> STD 10* 9 | | OXIDANTS 1-HR #STA (2) | 1-HR #> STD 160 .08 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | UG/CU.M: | | | | | | | | | | | | | | | | | | | |
| | P.P.M: | | | | | | | | | | | | | | | | | | | |
| 161 HUDSON VALLEY (N.Y.) | 69 | 1 | 27 | 13 | 4 | 28 | 9 | 1 | 2 | 3 | 2 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 26 | 14 | 4 | 29 | 11 | 1 | | 3 | 2 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 24 | 14 | 6 | 31 | 9 | 3 | | 3 | 0 | 6 | 0 | 0 | | 3 | 0 | 1 | | 0 | 0 |
| | 72 | | 25 | 12 | 4 | 38 | 9 | 2 | | 1 | 0 | 7 | 0 | 0 | | 2 | 0 | 0 | | 1 | 1 |
| 162 NIAGARA FRONTIER (N.Y.) | 69 | 1 | 24 | 18 | 15 | 28 | 20 | 12 | 1 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 27 | 21 | 17 | 29 | 19 | 7 | | 1 | 1 | 4 | 1 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 30 | 22 | 17 | 50 | 38 | 7 | | 6 | 3 | 15 | 2 | 1 | | 2 | 0 | 2 | | 1 | 1 |
| | 72 | | 43 | 31 | 21 | 48 | 23 | 4 | | 2 | 0 | 14 | 1 | 0 | | 2 | 0 | 2 | | 1 | 1 |
| 163 SOUTHERN TIER EAST (N.Y.) | 69 | 2 | 6 | 4 | 1 | 7 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 6 | 2 | 1 | 6 | 2 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 5 | 5 | 1 | 7 | 5 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 6 | 2 | 0 | 10 | 3 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 164 SOUTHERN TIER WEST (N.Y.) | 69 | 2 | 5 | 0 | 0 | 14 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 13 | 4 | 0 | 13 | 3 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 10 | 4 | 1 | 14 | 4 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 12 | 4 | 1 | 19 | 5 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 165 EASTERN MOUNTAIN (N.C.) | 69 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 17 | 2 | 0 | | 0 | 0 | 10 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 13 | 3 | 2 | 28 | 5 | 1 | | 1 | 0 | 18 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 166 EASTERN PIEDMONT (N.C.) | 69 | 1 | 2 | 2 | 2 | 2 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 1 | 1 | 1 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 3 | 0 | 0 | | 0 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 13 | 3 | 1 | 16 | 2 | 0 | | 3 | 0 | 16 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 167 METROPOLITAN CHARLOTTE (N.C.-S.C.) | 69 | 1 | 5 | 5 | 4 | 22 | 11 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 8 | 7 | 3 | 12 | 7 | 2 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 1 | 0 | 27 | 9 | 1 | | 0 | 0 | 6 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 24 | 13 | 4 | 48 | 16 | 1 | | 12 | 0 | 31 | 1 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 168 NORTHERN COASTAL PLAIN (N.C.) | 69 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 1 | 1 | 1 | 1 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 9 | 1 | 1 | | 0 | 0 | 9 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 8 | 0 | 0 | 14 | 1 | 0 | | 2 | 0 | 13 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 169 SANDHILLS (N.C.) | 69 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 3 | 0 | 0 | | 0 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 6 | 2 | 0 | 8 | 1 | 0 | | 5 | 0 | 7 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 170 SOUTHERN COASTAL PLAIN (N.C.) | 69 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 8 | 0 | 0 | | 0 | 0 | 8 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 14 | 2 | 1 | 17 | 3 | 1 | | 7 | 0 | 15 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | UG/CU.M: P.P.M: | SUSPENDED PARTICULATES | | | | | | | SULFUR DIOXIDE | | | | | | CARBON MONOXIDE | | | | | OXIDANTS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | ANNUAL | | | 24-HOUR | | | | ANNUAL | | 24-HOUR | | 3-HR | | | 1-HR | 8-HR | | | 1-HR |
| | | PRIORITY | #STA (1) | #> SEC 60 - | #> PRI 75 - | #STA (2) | #> SEC 150 - | #> PRI 260 - | PRIORITY | #STA (1) | #> PRI 80 .03 | #STA (2) | #> PRI 365 .14 | #> STD 1300 .50 | PRIORITY | #STA (2) | #> STD 40* 35 | #> STD 10* 9 | PRIORITY | #STA (2) | #> STD 160 .08 |
| 171 WESTERN MOUNTAIN (N.C.) | 69 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 9 | 3 | 1 | | 0 | 0 | 6 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 7 | 4 | 3 | 26 | 12 | 4 | | 1 | 0 | 16 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 172 NORTH DAKOTA (REMAINDER) | 69 | 2 | 2 | 2 | 0 | 4 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 7 | 2 | 1 | 9 | 3 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 1 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 11 | 3 | 2 | 13 | 5 | 2 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 173 DAYTON (OHIO) | 69 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 1 | 1 | 1 | 1 | 1 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 1 | 1 | 1 | 1 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 16 | 10 | 5 | 22 | 7 | 0 | | 5 | 0 | 13 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 174 GREATER METROPOLITAN CLEVELAND (OHIO) | 69 | 1 | 23 | 23 | 22 | 24 | 23 | 8 | 1 | 13 | 5 | 14 | 1 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 2 | 2 | 2 | 6 | 5 | 0 | | 3 | 0 | 5 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 33 | 33 | 32 | 44 | 41 | 12 | | 21 | 5 | 28 | 1 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 30 | 29 | 21 | 54 | 31 | 7 | | 19 | 6 | 36 | 1 | 0 | | 3 | 0 | 2 | | 4 | 2 |
| 175 MANSFIELD-MARION (OHIO) | 69 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 1 | 0 | 1 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 2 | 1 | 1 | 2 | 1 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 176 METROPOLITAN COLUMBUS (OHIO) | 69 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 1 | 1 | 1 | 1 | 1 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 1 | 0 | 1 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 2 | 2 | 2 | 2 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 177 NORTHWEST OHIO | 69 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 178 NORTHWEST PENNSYLVANIA-YOUNGSTOWN (OHIO-PENN) | 69 | 1 | 3 | 2 | 1 | 3 | 2 | 1 | 2 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 3 | 2 | 2 | 3 | 2 | 1 | | 1 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 3 | 2 | 1 | 3 | 1 | 0 | | 2 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 10 | 7 | 7 | 10 | 7 | 2 | | 2 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 179 PARKERSBURG-MARIETTA (OHIO-W.VA.) | 69 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 2 | 2 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 2 | 1 | 0 | 2 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 180 SANDUSKY (OHIO) | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | UG/CU.M: P.P.M: | | SUSPENDED PARTICULATES ANNUAL PRIORITY | #STA (1) | #> SEC 60 — | #> PRI 75 — | 24-HOUR #STA (2) | #> SEC 150 — | #> PRI 260 — | SULFUR DIOXIDE ANNUAL PRIORITY | #STA (1) | #> PRI 80 .03 | 24-HOUR #STA (2) | #> PRI 365 .14 | 3-HR #> STD 1300 .50 | CARBON MONOXIDE PRIORITY | #STA (2) | 1-HR #> STD 40* 35 | 8-HR #> STD 10* 9 | OXIDANTS PRIORITY | #STA (2) | 1-HR #> STD 160 .08 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 181 STEUBENVILLE-WEIRTON-WHEELING (OHIO-W.VA) | 69 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 1 | 1 | 8 | 7 | 2 | | 0 | 0 | 6 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 4 | 4 | 4 | 10 | 9 | 3 | | 1 | 0 | 6 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 182 WILMINGTON-CHILLICOTHE-LOGAN (OHIO) | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 183 ZANESVILLE-CAMBRIDGE (OHIO) | 69 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1A | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 184 CENTRAL OKLAHOMA | 69 | 1 | 1 | 1 | 0 | 12 | 5 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 12 | 10 | 3 | 26 | 24 | 14 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 15 | 9 | 2 | 33 | 23 | 6 | | 0 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 8 | 1 | 0 | 28 | 12 | 2 | | 1 | 0 | 9 | 1 | 0 | | 2 | 0 | 2 | | 1 | 1 |
| 185 NORTH CENTRAL OKLAHOMA | 69 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 0 | 0 | 5 | 1 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 0 | 0 | 4 | 1 | 0 | | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 186 NORTHEASTERN OKLAHOMA | 69 | 1 | 2 | 0 | 0 | 4 | 2 | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 2 | 1 | 0 | 9 | 5 | 1 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 12 | 8 | 5 | 19 | 14 | 4 | | 1 | 0 | 3 | 1 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 13 | 7 | 1 | 25 | 11 | 2 | | 3 | 0 | 6 | 2 | 0 | | 0 | 0 | 0 | | 1 | 0 |
| 187 NORTHWESTERN OKLAHOMA | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 3 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 0 | 0 | 5 | 3 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 188 SOUTHEASTERN OKLAHOMA | 69 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 2 | 2 | 0 | 10 | 6 | 2 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 4 | 1 | 1 | 11 | 4 | 2 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 3 | 1 | 0 | 11 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 189 SOUTHWESTERN OKLAHOMA | 69 | 3 | 1 | 0 | 0 | 5 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 4 | 3 | 3 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 2 | 1 | 1 | 7 | 4 | 2 | | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 5 | 4 | 1 | 12 | 7 | 3 | | 1 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 190 CENTRAL OREGON | 69 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 4 | 2 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | UG/CU.M: P.P.M: | SUSPENDED PARTICULATES PRIORITY | #STA (1) | ANNUAL #> SEC 60 — | ANNUAL #> PRI 75 — | 24-HOUR #STA (2) | 24-HOUR #> SEC 150 — | 24-HOUR #> PRI 260 — | SULFUR DIOXIDE PRIORITY | #STA (1) | ANNUAL #> PRI 80 .03 | 24-HOUR #STA (2) | 24-HOUR #> PRI 365 .14 | 3-HR #> STD 1300 .50 | CARBON MONOXIDE PRITY | #STA (2) | 1-HR #> STD 40* 35 | 8-HR #> STD 10* 9 | OXIDANTS PRITY | #STA (2) | 1-HR #> STD 160 .08 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 191 EASTERN OREGON | 69 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 3 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 192 NORTHWEST OREGON | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 193 PORTLAND (ORE-WASH) | 69 | 1 | 3 | 3 | 0 | 5 | 4 | 0 | 1A | 1 | 0 | 2 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 70 | | 1 | 1 | 1 | 3 | 1 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 5 | 1 | 0 | 9 | 4 | 1 | | 1 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 6 | 4 | 1 | 41 | 15 | 1 | | 2 | 0 | 3 | 0 | 0 | | 4 | 0 | 2 | | 1 | 1 |
| 194 SOUTHWEST OREGON | 69 | 2 | 4 | 3 | 3 | 9 | 5 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 0 | 0 | 2 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 2 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 0 | 0 | 6 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 195 CENTRAL PENNSYLVANIA | 69 | 1 | 3 | 3 | 3 | 18 | 12 | 1 | 3 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 3 | 3 | 3 | 3 | 3 | 1 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 2 | 2 | 1 | 3 | 2 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 8 | 7 | 5 | 9 | 5 | 1 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 196 SOUTH CENTRAL PENNSYLVANIA | 69 | 1 | 2 | 2 | 1 | 2 | 1 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 2 | 2 | 2 | 4 | 4 | 0 | | 1 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 2 | 2 | 2 | 3 | 1 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 20 | 15 | 11 | 22 | 13 | 3 | | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 197 SOUTHWEST PENNSYLVANIA | 69 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 1 | 1 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 14 | 13 | 12 | 15 | 13 | 4 | | 3 | 0 | 4 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 198 CAMDEN-SUMPTER (S.C.) | 69 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 0 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 3 | 0 | 0 | 4 | 0 | 0 | | 1 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 199 CHARLESTON (S.C.) | 69 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 3 | 2 | 2 | 5 | 2 | 2 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 5 | 3 | 2 | 13 | 8 | 4 | | 0 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 200 COLUMBIA (S.C.) | 69 | 2 | 2 | 0 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 3 | 1 | 1 | 11 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 10 | 4 | 0 | 12 | 3 | 0 | | 6 | 0 | 7 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | '69/'70 P.P.M: | | SUSPENDED PARTICULATES ANNUAL PRIORITY | #STA (1) | #> SEC 60 — | #> PRI 75 — | 24-HOUR #STA (2) | #> SEC 150 — | #> PRI 260 — | SULFUR DIOXIDE ANNUAL PRIORITY | #STA (1) | #> PRI 80 .03 | 24-HOUR #STA (2) | #> PRI 365 .14 | 3-HR #> STD 1300 .50 | CARBON MONOXIDE PRIORITY | #STA (2) | 1-HR #> STD 40 35 | 8-HR #> STD 10 9 | OXIDANTS PRIORITY | #STA (2) | 1-HR #> STD 160 .08 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 201 FLORENCE (S.C.) | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 3 | 1 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 202 GREENVILLE-SPARTANBURG (S.C.) | 69 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 1 | 1 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 8 | 4 | 0 | 11 | 1 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 13 | 4 | 1 | 15 | 3 | 0 | | 4 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 203 GREENWOOD (S.C.) | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 204 GEORGETOWN (S.C.) | 69 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 3 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 3 | 2 | 1 | 8 | 4 | 1 | | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 205 BLACKHILLS-RAPID CITY (S. DAK) | 69 | 3 | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 0 | 0 | 1 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 206 SOUTH DAKOTA (REMAINDER) | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 207 EASTERN TENNESSEE-SOUTHWESTERN VIRGINIA (TENN.-V | 69 | 1 | 9 | 8 | 8 | 10 | 9 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 9 | 7 | 7 | 13 | 11 | 5 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 2 | 1 | 1 | 10 | 4 | 2 | | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 14 | 9 | 7 | 42 | 27 | 6 | | 2 | 0 | 17 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 208 MIDDLE TENNESSEE | 69 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 16 | 11 | 9 | 18 | 9 | 4 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 1 | 1 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 11 | 9 | 6 | 31 | 13 | 0 | | 16 | 0 | 19 | 0 | 0 | | 1 | 0 | 1 | | 1 | 0 |
| 209 WESTERN TENNESSEE | 69 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 7 | 5 | 1 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 210 ABILENE-WICHITA FALLS (TEX) | 69 | 2 | 1 | 1 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 2 | 1 | 1 | 3 | 2 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | | | SUSPENDED PARTICULATES | | | | | | | SULFUR DIOXIDE | | | | | | CARBON MONOXIDE | | | | OXIDANTS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | ANNUAL | | | 24-HOUR | | | | ANNUAL | | 24-HOUR | | 3-HR | | 1-HR | | 8-HR | | 1-HR | | |
| | | | | #> | #> | | #> | #> | | | #> | | #> | #> | | | #> | #> | | | #> | |
| | | PRIORITY | #STA | SEC | PRI | #STA | SEC | PRI | PRIORITY | #STA | PRI | #STA | PRI | STD | PRTY | #STA | STD | STD | PRTY | #STA | STD |
| | JG/CU.M: | | (1) | 60 | 75 | (2) | 150 | 260 | | (1) | 80 | (2) | 365 | 1300 | | (2) | 40* | 10* | | (2) | 167 |
| | P.P.M: | | | - | - | | - | - | | | .03 | | .14 | .50 | | | 35 | 9 | | | .08 |
| 211 AMARILLO-LUBBOCK (TEX) | 69 | 2 | 1 | 1 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 1 | 1 | 4 | 3 | 0 | | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 1 | 1 | 4 | 2 | 0 | | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 2 | 1 | 1 | 21 | 17 | 4 | | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 212 AUSTIN-WACO (TEX) | 69 | 2 | 2 | 1 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 2 | 2 | 0 | 3 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 0 | 0 | 4 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 4 | 2 | 0 | 10 | 1 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 213 BROWNSVILLE-LAREDO (TEX) | 69 | 1 | 2 | 1 | 1 | 4 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 3 | 3 | 3 | 4 | 3 | 2 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 3 | 3 | 2 | 4 | 3 | 2 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 7 | 6 | 6 | 13 | 9 | 7 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 214 CORPUS CHRISTI-VICTORIA (TEX) | 69 | 1 | 1 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 3 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 1 | 0 | 2 | 1 | 1 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 11 | 5 | 4 | 12 | 4 | 1 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 215 METROPOLITAN DALLAS-FORT WORTH (TEX) | 69 | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 3 | 2 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 2 | 2 | 2 | 2 | 0 | 0 | | 2 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 2 | 2 | 1 | 3 | 2 | 0 | | 1 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 29 | 16 | 7 | 35 | 13 | 5 | | 2 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 216 METROPOLITAN HOUSTON-GALVESTON (TEX) | 69 | 1 | 11 | 4 | 3 | 13 | 1 | 0 | 1 | 2 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 8 | 3 | 2 | 12 | 1 | 0 | | 1 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 12 | 4 | 3 | 25 | 9 | 0 | | 1 | 0 | 15 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 13 | 7 | 4 | 31 | 11 | 0 | | 3 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 217 METROPOLITAN SAN ANTONIO (TEX) | 69 | 2 | 13 | 4 | 2 | 18 | 3 | 1 | 3 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 1 | 0 | 0 | 1 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 0 | 0 | 2 | 1 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 7 | 1 | 1 | 9 | 2 | 1 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 218 MIDLAND-ODESSA-SAN ANGELO (TEX) | 69 | 2 | 1 | 1 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 0 | 0 | 2 | 1 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 1 | 0 | 5 | 3 | 1 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 4 | 2 | 1 | 5 | 4 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 219 UTAH (REMAINDER) | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 220 WASATCH FRONT (UTAH) | 69 | 1 | 2 | 2 | 2 | 6 | 6 | 5 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | 2 | 2 | 2 | 2 | 1 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 1 | 1 | 2 | 2 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 8 | 7 | 6 | 8 | 8 | 5 | | 1 | 0 | 1 | 0 | 0 | | 4 | 2 | 3 | | 0 | 0 |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | UG/CU.M: P.P.M: | | SUSPENDED PARTICULATES ANNUAL PRIORITY | #STA (1) | #> SEC 60 - | #> PRI 75 - | 24-HOUR #STA (2) | #> SEC 150 - | #> PRI 260 - | SULFUR DIOXIDE ANNUAL PRIORITY | #STA (1) | #> PRI 80 .03 | 24-HOUR #STA (2) | #> PRI 365 .14 | 3-HR #> STD 1300 .50 | CARBON MONOXIDE PRIORITY | #STA (2) | 1-HR #> STD 40* 35 | 8-HR #> STD 10* 9 | OXIDANTS PRIORITY | #STA (2) | 1-HR #> STD 160 .08 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 221 VERMONT (REMAINDER) | 69 | 2 | | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 222 CENTRAL VIRGINIA | 69 | 1 | | 2 | 2 | 1 | 4 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 2 | 2 | 2 | 15 | 4 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 6 | 3 | 1 | 20 | 10 | 4 | | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 15 | 6 | 3 | 24 | 13 | 2 | | 1 | 0 | 8 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 223 HAMPTON ROADS (VA) | 69 | 1 | | 4 | 3 | 2 | 5 | 1 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | | 4 | 3 | 2 | 11 | 5 | 1 | | 1 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 7 | 3 | 2 | 12 | 6 | 2 | | 4 | 0 | 7 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 17 | 8 | 4 | 20 | 10 | 4 | | 9 | 0 | 14 | 0 | 0 | | 1 | 0 | 1 | | 1 | 0 |
| 224 NORTHEASTERN VIRGINIA | 69 | 1A | | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 0 | 0 | 0 | 2 | 1 | 1 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 0 | 0 | 0 | 3 | 1 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 225 STATE CAPITAL (VA) | 69 | 1 | | 3 | 3 | 3 | 7 | 0 | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | | 1 | 1 | 1 | 5 | 4 | 1 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 0 | 0 | 0 | 4 | 3 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 2 | 1 | 1 | 10 | 2 | 0 | | 1 | 0 | 8 | 0 | 0 | | 1 | 0 | 1 | | 2 | 2 |
| 226 VALLEY OF VIRGINIA | 69 | 1 | | 2 | 1 | 1 | 5 | 2 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 9 | 5 | 1 | 27 | 9 | 4 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 3 | 1 | 1 | 23 | 7 | 2 | | 1 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 5 | 1 | 0 | 18 | 7 | 2 | | 3 | 0 | 4 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 227 NORTHERN WASHINGTON | 69 | 2 | | 1 | 1 | 0 | 1 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 1 | 1 | 0 | 1 | 1 | 1 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 1 | 0 | 0 | 4 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 3 | 2 | 0 | 4 | 4 | 2 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 228 OLYMPIC-NORTHWEST WASHINGTON | 69 | 2 | | 2 | 1 | 0 | 7 | 5 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 5 | 4 | 3 | 6 | 4 | 3 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 8 | 3 | 2 | 8 | 5 | 3 | | 1 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 3 | 0 | 0 | 4 | 1 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 229 PUGET SOUND (WASH) | 69 | 1 | | 22 | 8 | 2 | 23 | 14 | 3 | 1A | 2 | 0 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | | 17 | 6 | 1 | 31 | 12 | 3 | | 3 | 0 | 4 | 0 | 1 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 13 | 1 | 0 | 17 | 3 | 1 | | 4 | 0 | 5 | 0 | 1 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 14 | 2 | 1 | 18 | 9 | 1 | | 5 | 0 | 8 | 0 | 0 | | 4 | 0 | 3 | | 0 | 0 |
| 230 SOUTH CENTRAL WASHINGTON | 69 | 1 | | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 1 | 1 | 1 | 9 | 6 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 5 | 2 | 1 | 9 | 4 | 1 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | UG/CU.M: P.P.M: | | SUSPENDED PARTICULATES ANNUAL PRIORITY | #STA (1) | #> SEC 60 - | #> PRI 75 - | 24-HOUR #STA (2) | #> SEC 150 - | #> PRI 260 - | SULFUR DIOXIDE ANNUAL PRIORITY | #STA (1) | #> PRI 80 .03 | 24-HOUR #STA (2) | #> PRI 365 .14 | 3-HR #> STD 1300 .50 | CARBON MONOXIDE PRIORITY | #STA (2) | 1-HR #> STD 40* 35 | 8-HR #> STD 10* 9 | OXIDANTS PRIORITY | #STA (2) | 1-HR #> STD 160 .08 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 231 ALLEGHENY (W. VA) | 69 | 3 | | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 232 CENTRAL WEST VIRGINIA | 69 | 3 | | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 233 EASTERN PANHANDLE (W. VA) | 69 | 3 | | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 234 KANAWHA VALLEY (W. VA.) | 69 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 2 | 2 | 2 | 2 | 2 | 2 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 2 | 2 | 2 | 14 | 9 | 3 | | 1 | 0 | 0 | 0 | 0 | | 1 | 0 | 0 | | 0 | 0 |
| | 72 | | | 11 | 7 | 6 | 14 | 9 | 3 | | 1 | 0 | 0 | 0 | 0 | | 1 | 0 | 1 | | 0 | 0 |
| 235 NORTH CENTRAL WEST VIRGINIA | 69 | 1 | | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 0 | 0 | 0 | 6 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 5 | 4 | 1 | 6 | 4 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 236 SOUTHERN WEST VIRGINIA | 69 | 3 | | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 0 | 0 | 0 | 2 | 2 | 1 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 2 | 2 | 2 | 2 | 2 | 2 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 237 LAKE MICHIGAN (WISC) | 69 | 2 | | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 0 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 0 | 0 | 0 | 13 | 3 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 238 NORTH CENTRAL WISCONSIN | 69 | 2 | | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 0 | 0 | 0 | 3 | 1 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 239 SOUTHEASTERN WISCONSIN | 69 | 1 | | 6 | 4 | 2 | 6 | 4 | 2 | 2 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 70 | | | 3 | 3 | 1 | 17 | 3 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 18 | 15 | 8 | 39 | 27 | 7 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 1 | 1 |
| | 72 | | | 3 | 2 | 1 | 3 | 2 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 240 SOUTHERN WISCONSIN | 69 | 2 | | 1 | 0 | 0 | 1 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | | 1 | 1 | 0 | 6 | 1 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | | 5 | 5 | 2 | 8 | 5 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | | | | 1 | 1 | 0 | 1 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |

## Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

| AIR QUALITY CONTROL REGION | | | SUSPENDED PARTICULATES ANNUAL | | | 24-HOUR | | | SULFUR DIOXIDE ANNUAL | | 24-HOUR | | 3-HR | CARBON MONOXIDE 1-HR | | 8-HR | OXIDANTS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PRIORITY | #STA (1) | #> SEC 60 | #> PRI 75 | #STA (2) | #> SEC 150 | #> PRI 260 | PRIORITY | #STA (1) | #> PRI 80 .03 | #STA (2) | #> PRI 365 .14 | #> STD 1300 .50 | PRIORITY | #STA (2) | #> STD 40* 35 | #> STD 10* 9 | PRIORITY | #STA (2) | 1-HR #> STD 160 .08 |
| 241 CASPER (WYO) | 69 | 2 | 1 | 1 | 0 | 1 | 0 | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 0 | 0 | 1 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 1 | 1 | 1 | 1 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 1 | 0 | 1 | 1 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 242 METROPOLITAN CHEYENNE (WYO) | 69 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 243 WYOMING (REMAINDER) | 69 | 3 | 1 | 0 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 1 | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 1 | 0 | 0 | 2 | 0 | 0 | | 1 | 0 | 1 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 244 PUERTO RICO | 69 | 1A | 5 | 4 | 4 | 5 | 2 | 1 | 1A | 2 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 5 | 5 | 4 | 5 | 2 | 1 | | 2 | 0 | 4 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 2 | 1 | 1 | 5 | 2 | 1 | | 1 | 0 | 4 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 5 | 5 | 4 | 5 | 4 | 1 | | 4 | 0 | 4 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 245 AMERICAN SAMOA | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 246 GUAM | 69 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 3 | 1 | 1 | | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 247 U.S. VIRGIN ISLANDS | 69 | 1A | 0 | 0 | 0 | 0 | 0 | 0 | 1A | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 70 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 71 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| | 72 | | 0 | 0 | 0 | 4 | 3 | 3 | | 1 | 0 | 2 | 1 | 0 | | 0 | 0 | 0 | | 0 | 0 |

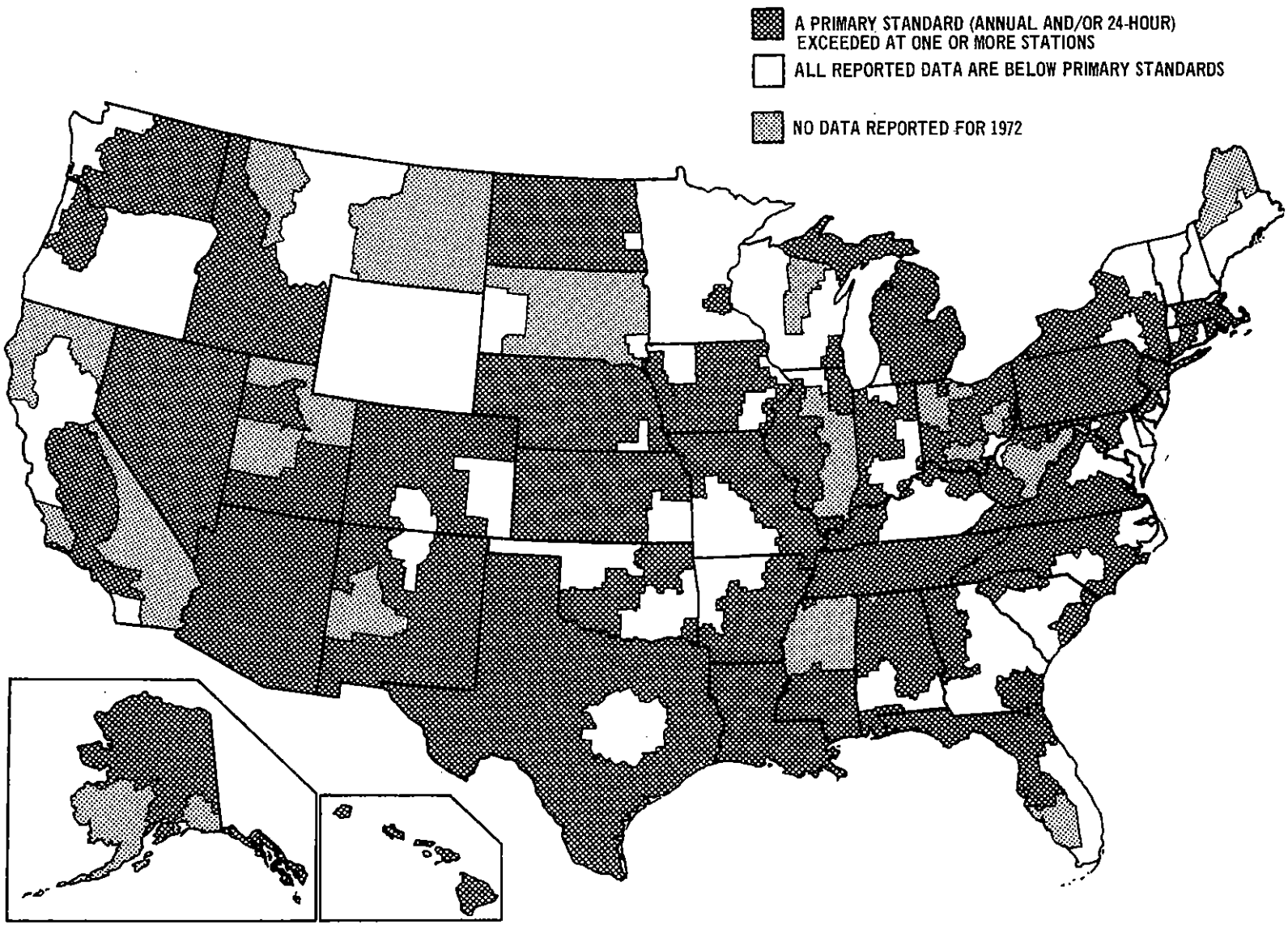


Figure 3-1. Status of suspended particulate levels, 1972.

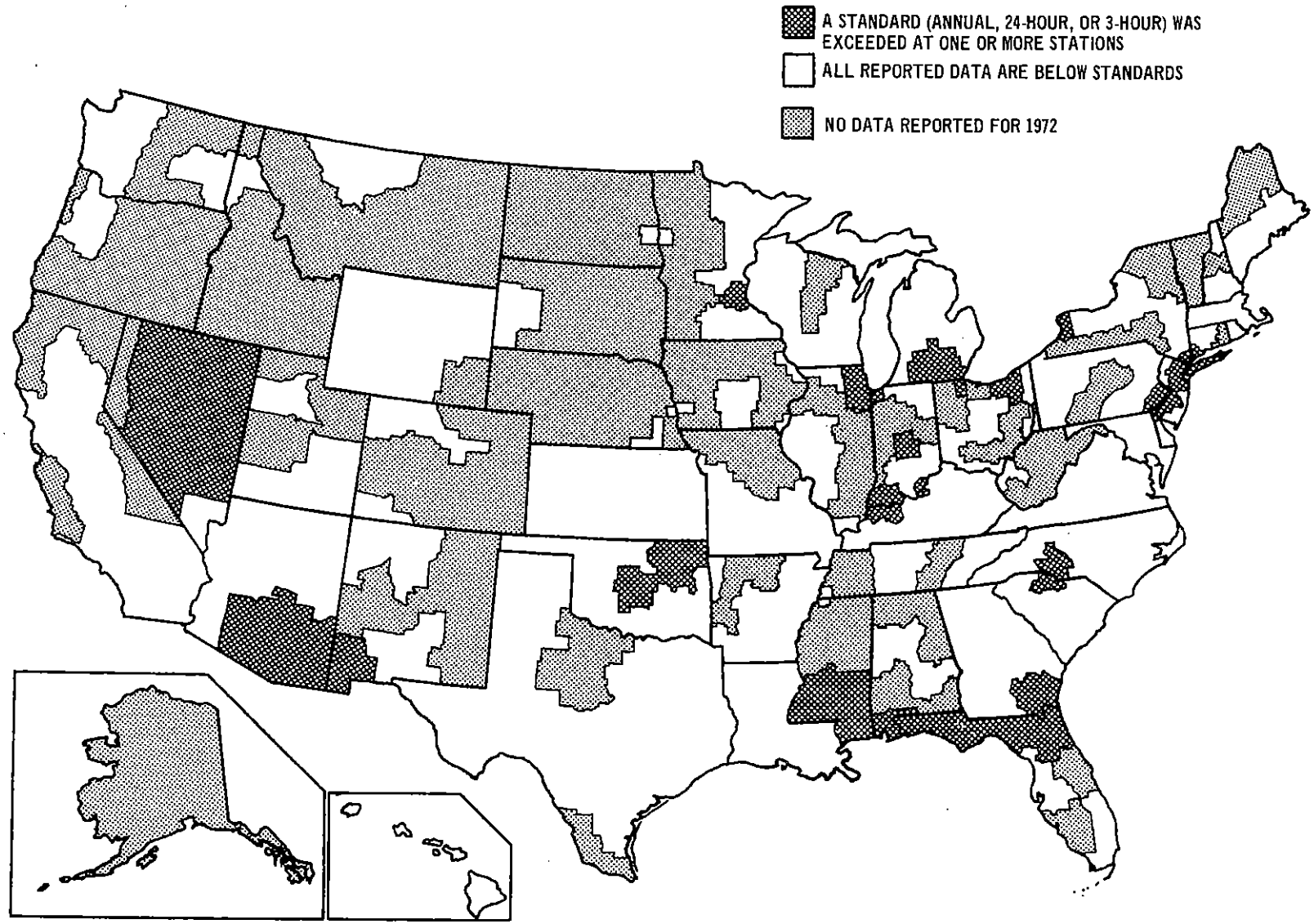


Figure 3-2. Status of sulfur dioxide levels, 1972.

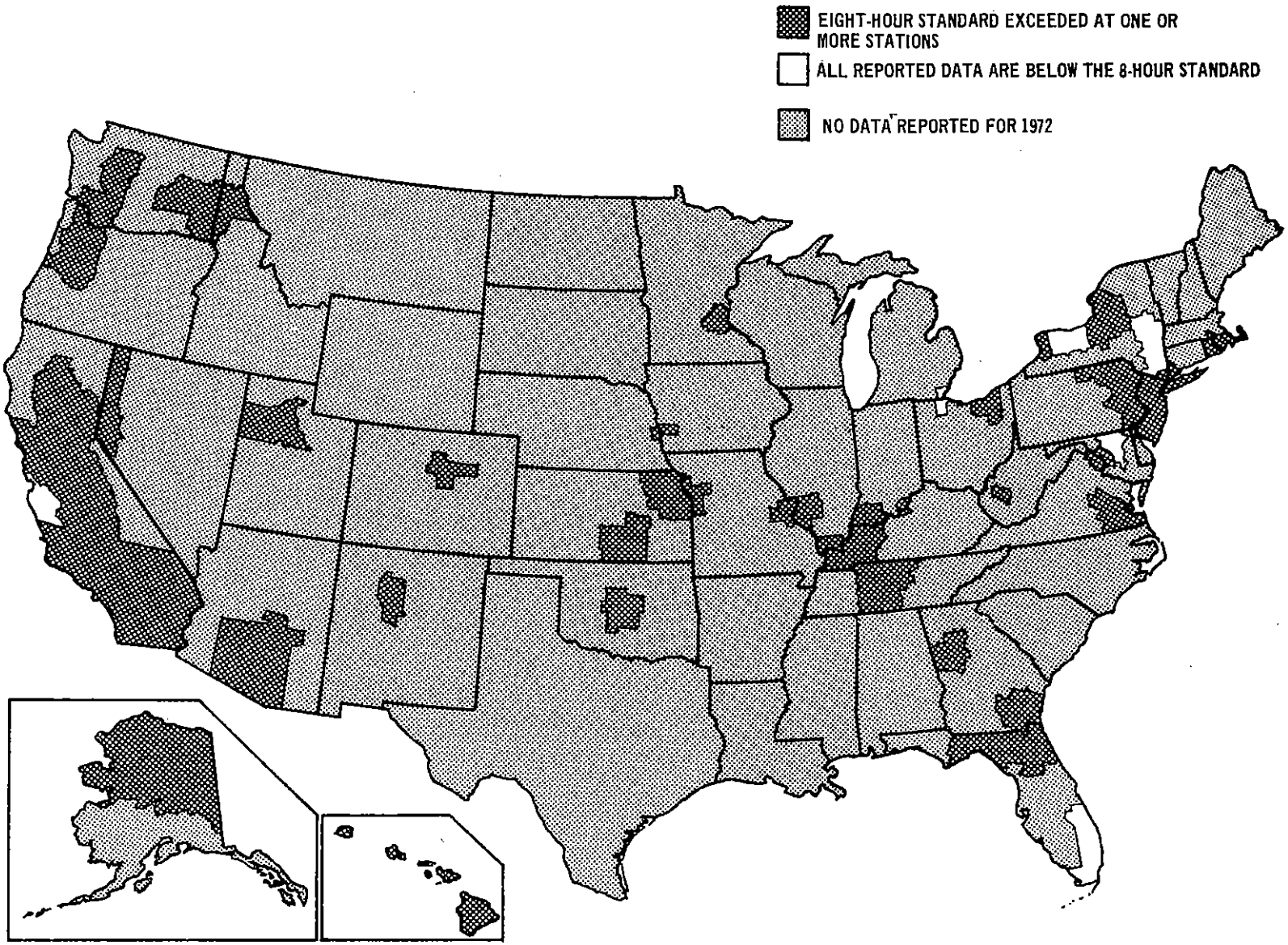


Figure 3-3. Status of carbon monoxide levels, 1972.

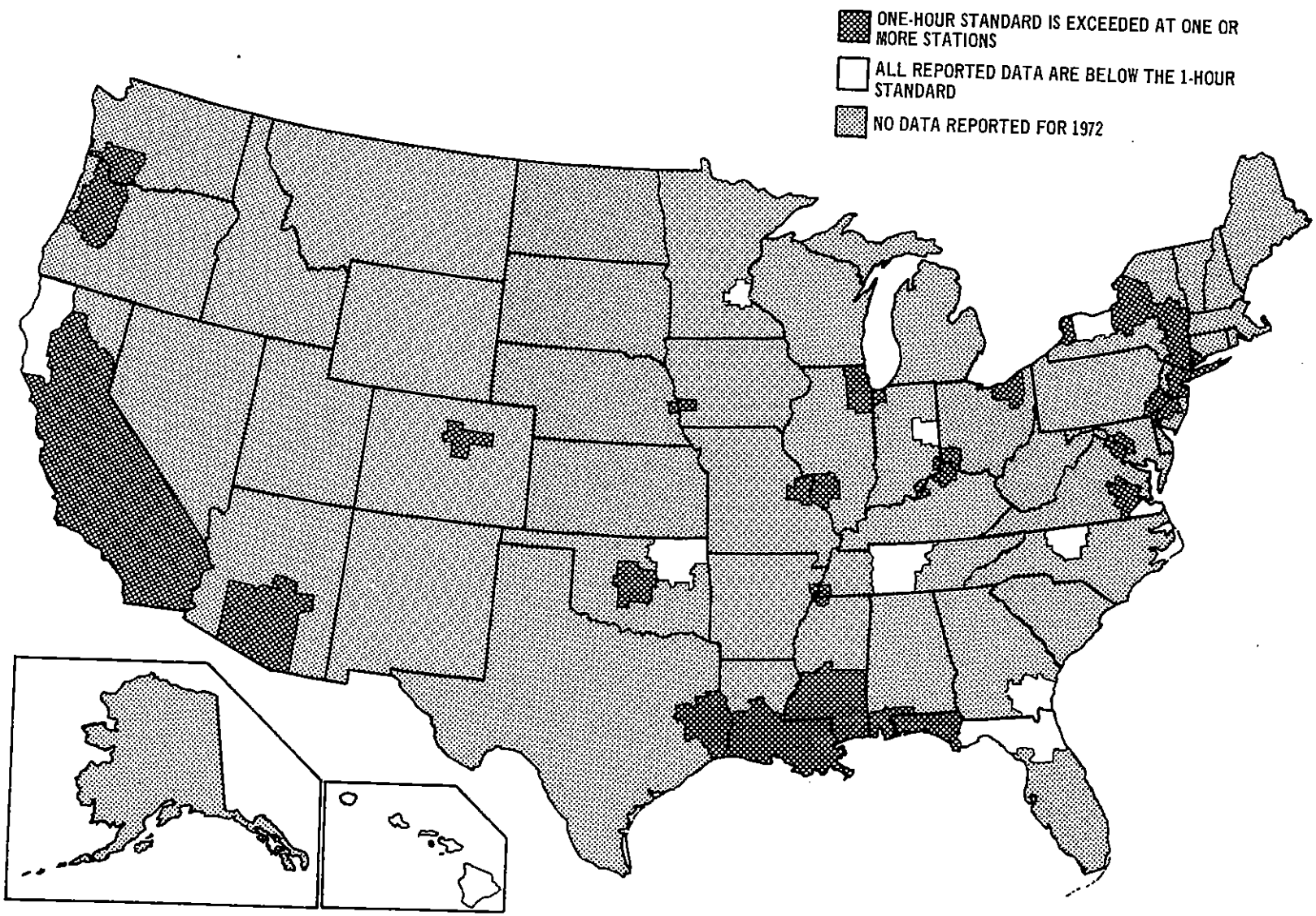


Figure 3-4. Status of oxidants, 1972.

station. For more detailed information on the number of stations and quantity of reported data in specific AQCR's, see Table 3-7 and the Appendix. This table updates a similar table found in the National Air Monitoring Program Report[1] and contains corrected entries for the years 1969 through 1971.

The cross-hatched areas are the AQCR's or groups of AQCR's in which a standard has been exceeded.

The dotted areas are those for which no data (or less than a quarter's valid data) had been received as of September 1973.

Suspended particulates are seen to be still a pervasive problem, notwithstanding recently documented downward trends.

Sulfur dioxide levels above standards are occurring in relatively few cities and areas where large industrial sources are located.

Although data on carbon monoxide for 1972 are quite limited, it is noteworthy that the majority of operating stations are reporting values exceeding the 8-hour standard.

Data on oxidant concentrations are also limited, but a number of major population centers are reporting values above the standard.

### 3.2.3. Individual Stations Summary

A detailed summary, listing individual stations and their standings with respect to NAAQ, is presented in the Appendix. A separate table is presented for each pollutant measurement method. There are 10 tables in all: 4 for $SO_2$, 3 for oxidants, and 1 each for TSP, ozone, and CO. The station listings are in alphabetical order by AQCR. In the case of Interstate Regions, the listing of stations is also subdivided by State within each AQCR.

## 3.3. REFERENCE

1. The National Air Monitoring Program: Air Quality and Emissions Trends Annual Report. U.S. Environmental Protection Agency, Research Triangle Park, N.C. Publication Numbers EPA-450/1-73-00/a and EPA-450/1-73-00/b. August 1973.

# 4. TRENDS IN AIR QUALITY

Air quality trends are determined on a pollutant-by-pollutant basis. Although an assessment can be made of national trends for total suspended particulate, sulfur dioxide, and sulfates, there are limited historical data for carbon monoxide, nitrogen dioxide, and oxidant, on a national basis. Therefore, in the section dealing with the latter pollutants, two specific geographic areas--Los Angeles and selected cities in New Jersey-- were used. The techniques employed in analyzing the data are discussed with the analysis for each of the pollutants in the following sections.

## 4.1. TRENDS IN TOTAL SUSPENDED PARTICULATES

This section examines national trends by analyzing data collected through the National Air Surveillance Network, a Federally funded air quality monitoring network operated with the assistance and cooperation of State and local agencies. At NASN's inception, resource limitations dictated placement of only one station in each major urban area. Stations were located primarily in the downtown or center-city areas and, therefore, do not necessarily reflect the "worst" air quality to be found through heavily industrialized portions of these cities.

### 4.1.1. Nationwide Trends

Levels of total suspended particulate matter experienced a general decline at many urban areas across the nation during the 1960's. In comparison, only a minor overall change has been observed thus far during the 1970's. This is exemplified by the rather constant level in composite average TSP for 96 selected NASN locations with a long historical record (Figure 4-1). For these center-city urban sites, the composite average decreased from approximately 110 ug/$m^3$ in 1960 to 82 ug/$m^3$ in 1972, an overall decrease of approximately 25 percent.

The report, The National Air Monitoring Program: Air Quality and Emissions Trends Annual Report,[1] discusses trends in total suspended particulates in considerable detail. It examines trends over three different time periods: 1960-1971, 1964-1971, and 1968-1971. Both the 12- and 8-year time periods indicate a long-term decline in levels of suspended particulate matter, whereas no significant net trend is discernible for the most recent 4-year period.

Further analysis of the 1968-1971 period indicates that downward trends are associated with higher concentrations in the base period ($\geq$ 90 $\mu g/m^3$), whereas the upward trends are associated with lower concentration levels ($<$ 90 $\mu g/m^3$). Therefore, locations with the worst problems have shown the most improvement, and the cleaner areas have shown a tendency toward degradation.

## 4.2. TRENDS IN SULFUR DIOXIDE

This section presents the trend in ambient sulfur dioxide concentrations. Thirty-two selected sites from the National Air Surveillance Network and sites from State and local air pollution agencies are utilized to provide a nationwide overview of the trends in $SO_2$ and a detailed discussion of the relationship between the observed trend in $SO_2$ and local regulations implemented to control sulfur emissions.

### 4.2.1. Nationwide Trends

As indicated in Reference 1, a nationwide decrease in ambient sulfur dioxide concentrations was observed throughout the stations of the NASN over the 8-year period 1964-1971. These decreases were most evident at the sites with the highest concentrations, which are characteristically situated in the northeastern and north central sections of the country.

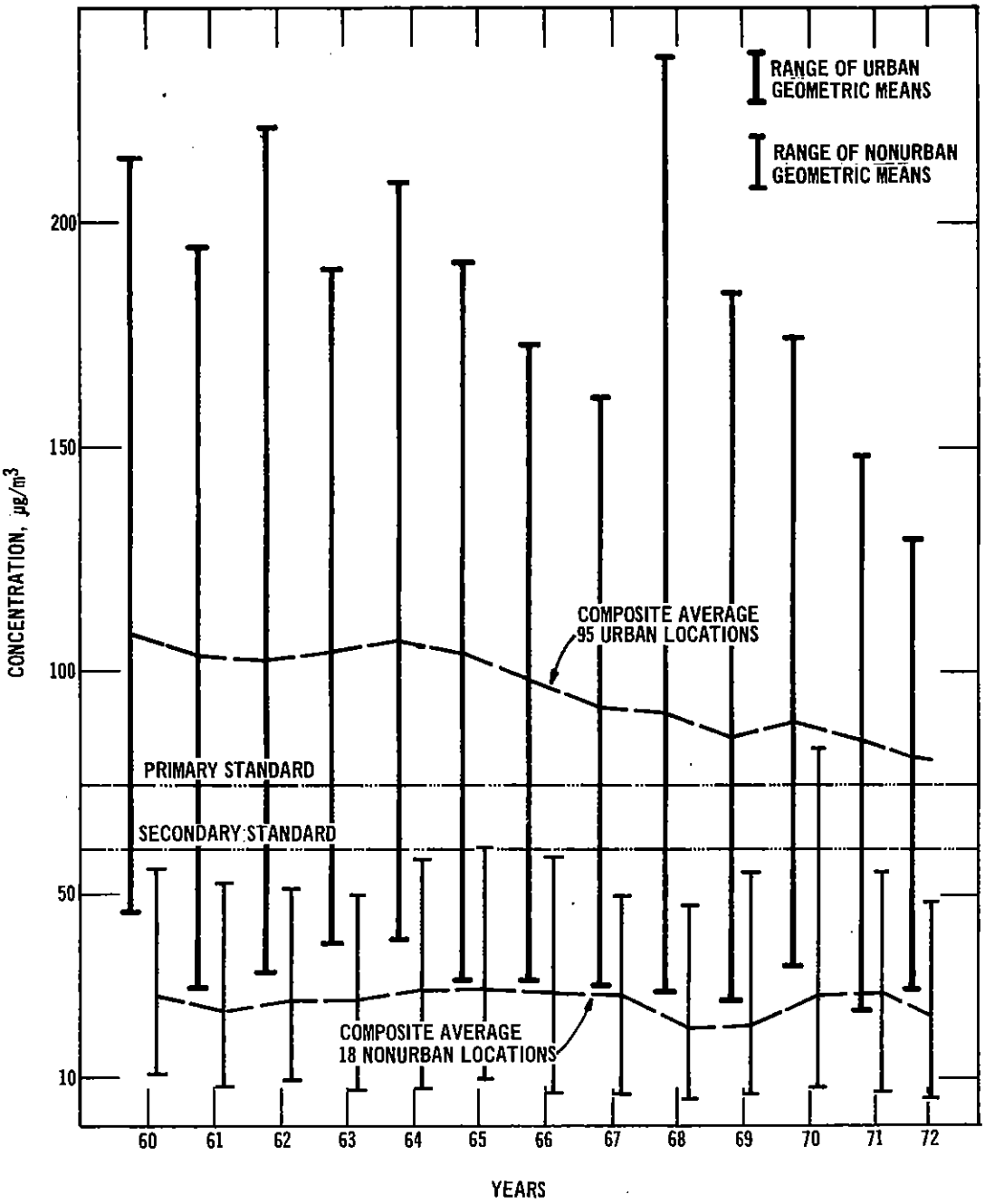


Figure 4-1. Composite levels of total suspended particulate at urban and nonurban NASN stations.

Examination of this trend in more detail reveals that decreases in ambient $SO_2$ were most noticeable during the beginning of the 1970's. Since that time, it can be generally stated that the trend has been relatively level in comparison to previous years.

Figure 4-2 presents a nationwide composite of annual average $SO_2$ at 32 NASN sites accompanied with the corresponding range of averages among the component sites. Although the composite 1972 level is slightly higher than in 1971, the levels are comparable to those of 1970 at many sites and are usually lower than the levels during the late 1960's.

Seven stations with the largest increase in $SO_2$ concentrations between 1971 and 1972 were selected for detailed examination. These stations exhibited a downward trend over the 1968-1971 period as reported in Reference 1. The $SO_2$ levels at the seven stations for the 1970-1972 period are shown in Table 4-1.

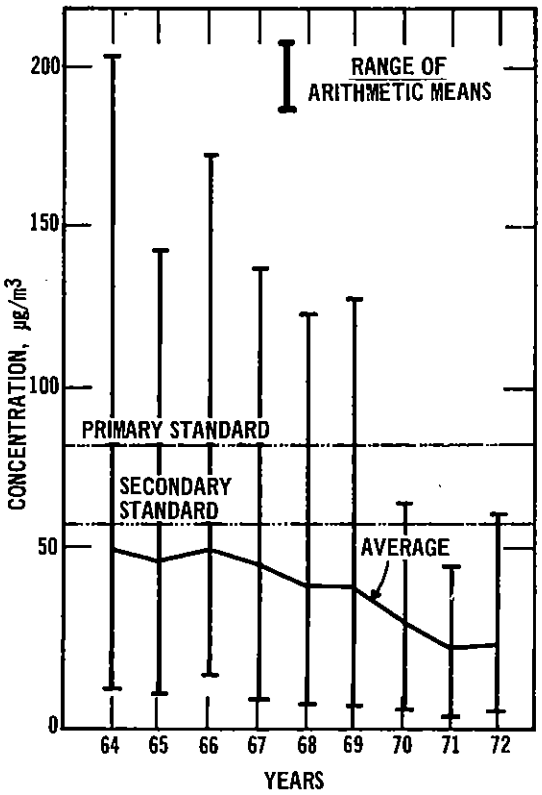


Figure 4-2. Composite levels of sulfur dioxide at 32 NASN stations.

Table 4-1. $SO_2$ ANNUAL ARITHMETIC MEANS FOR SELECTED NASN STATIONS, 1970-1972

$\mu g/m^3$

| Station | 1970 | 1971 | 1972 |
|---|---|---|---|
| Hammond, Indiana | 58 | 32 | 56 |
| Evansville, Indiana | 25 | 19 | 24 |
| Covington, Kentucky | 26 | 19 | 27 |
| Baltimore, Maryland | 54 | 29 | 48 |
| Detroit, Michigan | 38 | 12 | 42 |
| Youngstown, Ohio | 30 | 17 | 38 |
| Pittsburgh, Pennsylvania | 57 | 50 | 63 |

The apparent reversal is unexpected since sulfur content in fuels has generally decreased through regulatory actions. The most plausible explanation is a possible temporary increase in fuel use for space heating purposes. Since fuel use for space heating is a major component of the total fuel consumption (in the cities associated with these seven stations), an examination was made of the annual number of degree-days for the corresponding stations and years and the deviation from normal. These data are shown in Table 4-2. The fuel demand has been found through experience to be proportional to the number of degree-days for space heating purposes.

Table 4-2. TOTAL ANNUAL DEGREE-DAYS[a] FOR SELECTED NASN STATIONS, 1970-1972[b]
(percent above/below normal in parentheses)

| Station | 1970 | 1971 | 1972 | Normal[c] |
|---|---|---|---|---|
| Hammond, Indiana | 6178 (±0) | 5851 (-5) | 6789 (+10) | 6155 |
| Evansville, Indiana | 4893 (+10) | 4428 (±0) | 4909 (+11) | 4435 |
| Covington, Kentucky | 5037 (-4) | 4819 (-8) | 5474 (+4) | 5265 |
| Baltimore, Maryland | 4622 (-1) | 4401 (-5) | 4703 (+1) | 4603 |
| Detroit, Michigan | 6461 (+4) | 5993 (-10) | 6637 (+6) | 6232 |
| Youngstown, Ohio | 6667 (+10) | 6491 (+1) | 7026 (+9) | 6417 |
| Pittsburgh, Pennsylvania | 5393 (+2) | 5291 (±0) | 5448 (+3) | 5291 |

[a]Total degree-days are the sums of the negative departures of average daily temperatures from 65 °F.

[b]Data from nearest National Weather Service Station.

[c]30-year normals (1931-1960).

It appears significant that all seven stations exhibit a reversal in the year-to-year pattern of degree-days similar to the pattern in annual average $SO_2$ levels. Unlike the other 2 years, 1972 had uniformly higher-than-normal degree-day values. The other 2 years, 1970 and 1971, showed a slight tendency to be above and below normal, respectively.

The conclusions derived from the above analysis are that (1) the decrease in $SO_2$ between 1970 and 1971 was probably a true decrease, although the lower number of degree-days would indicate that the decrease may have been exaggerated slightly, and (2) the increases in $SO_2$ levels from 1971 to 1972 are more probably attributable in large measure to the increase in heating demand (corresponding to the upswing in the normal year-to-year fluctuation in heating degree-days) rather than a substantial alteration in fuel or source emission characteristics. Relaxation of some "clean-fuel" ordinances during the 1973-1974 winter may produce more substantial but, hopefully, temporary increases.

### 4.2.2. Comparison of Trends and Percent Sulfur Content Regulations in Distillate and Residual Fuel Oil for Selected AQCR's

The general decrease in $SO_2$ observed in center-city locations has been attributed to the implementation of local regulations scheduled to restrict sulfur content in fuels. A more detailed discussion of trends in $SO_2$ concentrations is presented for three metropolitan areas. These trends are broadly interpreted in light of the particular regulations for each area. The areas chosen depict air quality in Air Quality Control Regions with historically severe $SO_2$ problems: New Jersey-New York-Connecticut; Metropolitan Philadelphia; and Metropolitan Chicago.

#### 4.2.2.1. New Jersey-New York-Connecticut Interstate AQCR

The impact of regulations controlling the sulfur content of fuels in the New Jersey-New York-Connecticut Interstate AQCR is demonstrated by $SO_2$ air quality monitored in Bayonne, New Jersey. This site was chosen because it has a complete record of $SO_2$ air quality dating from the mid-sixties through 1972.

The trend line seen in Figure 4-3 demonstrates the improvements in average $SO_2$ air quality. The trend line shows a significant decrease in $SO_2$ levels from a high of nearly 300

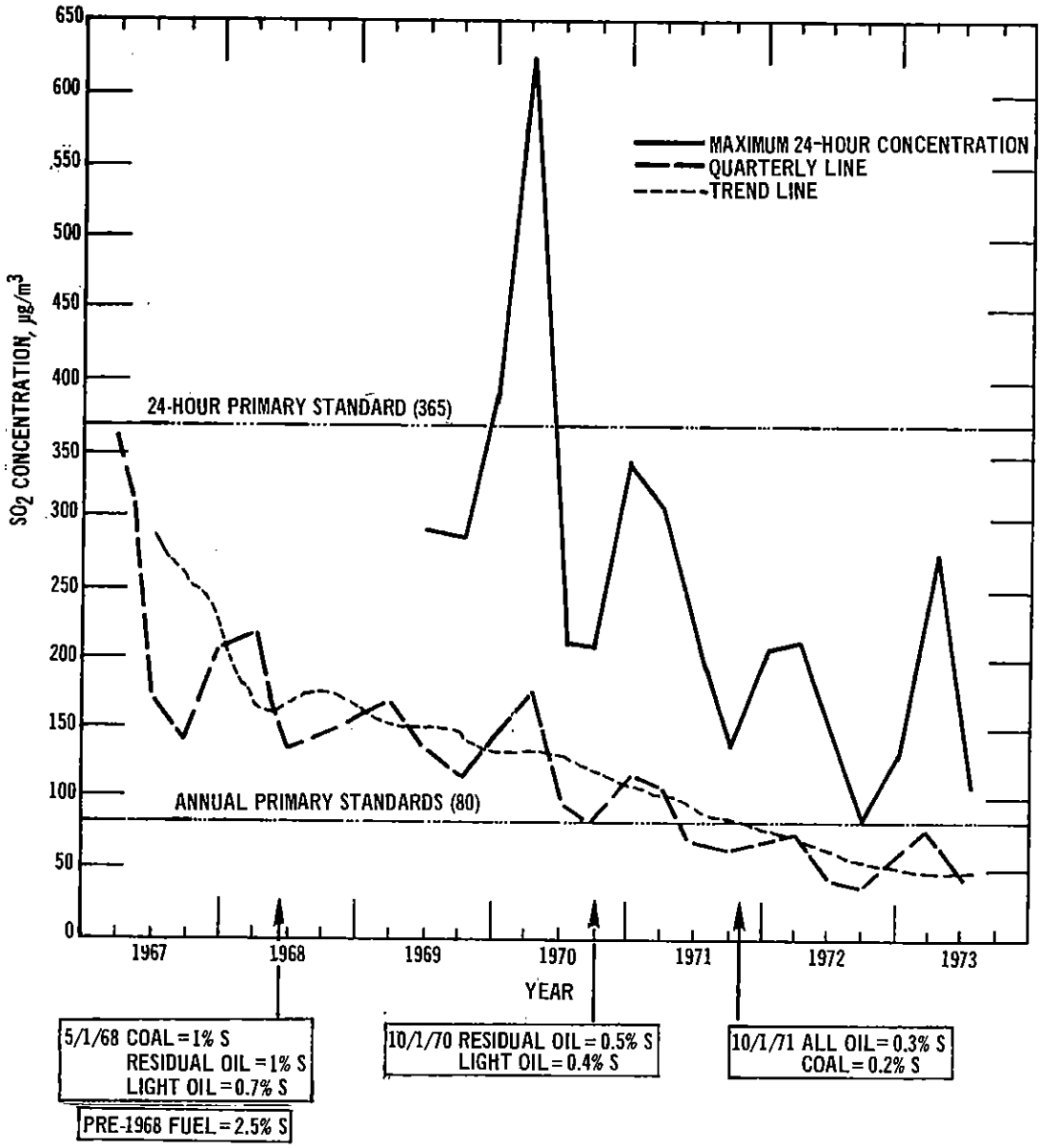


Figure 4-3. Comparison of $SO_2$ trends at Bayonne, New Jersey, with regulations governing percent sulfur content in fuel.

$\mu g/m^3$ in 1967 to a current low of approximately 50 $\mu g/m^3$. The quarterly $SO_2$ averages clearly fluctuate about the long-term trend line with peaks occurring in the winter months corresponding with peak heating demands. The short-term $SO_2$ concentrations (maximum 24-hour $SO_2$ concentration per quarter) are also improving. Concentration peaks which were were well over the standard in the winter of 1969-1970 have declined to values somewhat below the primary 24-hour standard in 1972.

The improvement in $SO_2$ air quality at this site can be attributed primarily to $SO_2$ regulations which have become effective in the states of New Jersey and New York. A significant improvement is noted between 1967 and 1968 when sizable shifts in the usage of high sulfur fuel oil and coal (~2.5% S) occurred. The fuel shift occurred in advance of the effective date of the regulations (May 1968) because fuel supplies were available to users somewhat earlier than the prescribed compliance date.

Additional regulations effective in October of 1970 and in 1971 in New Jersey limited the sulfur content of all fuel oil to 0.3 percent or less. The latter step of these regulations has

resulted in air quality at the Bayonne site slightly below the primary standards. A similar trend has occurred in the New York City area. Overall, however, the $SO_2$ air quality standards have not been achieved in spite of current sulfur restrictions requiring fuel oil sulfur content to be no greater than 0.3 percent.

4.2.2.2. Metropolitan Philadelphia Interstate AQCR

Figure 4-4 depicts the seasonal and long-term pattern of $SO_2$ air quality in Philadelphia monitored at the laboratory station of the Department of Public Health. The graphs consist of average and maximum 24-hour $SO_2$ concentrations by calendar quarter. They both clearly indicate the typical pattern of higher concentrations in the winter quarters (first and fourth) and lower concentrations in the summer quarters.

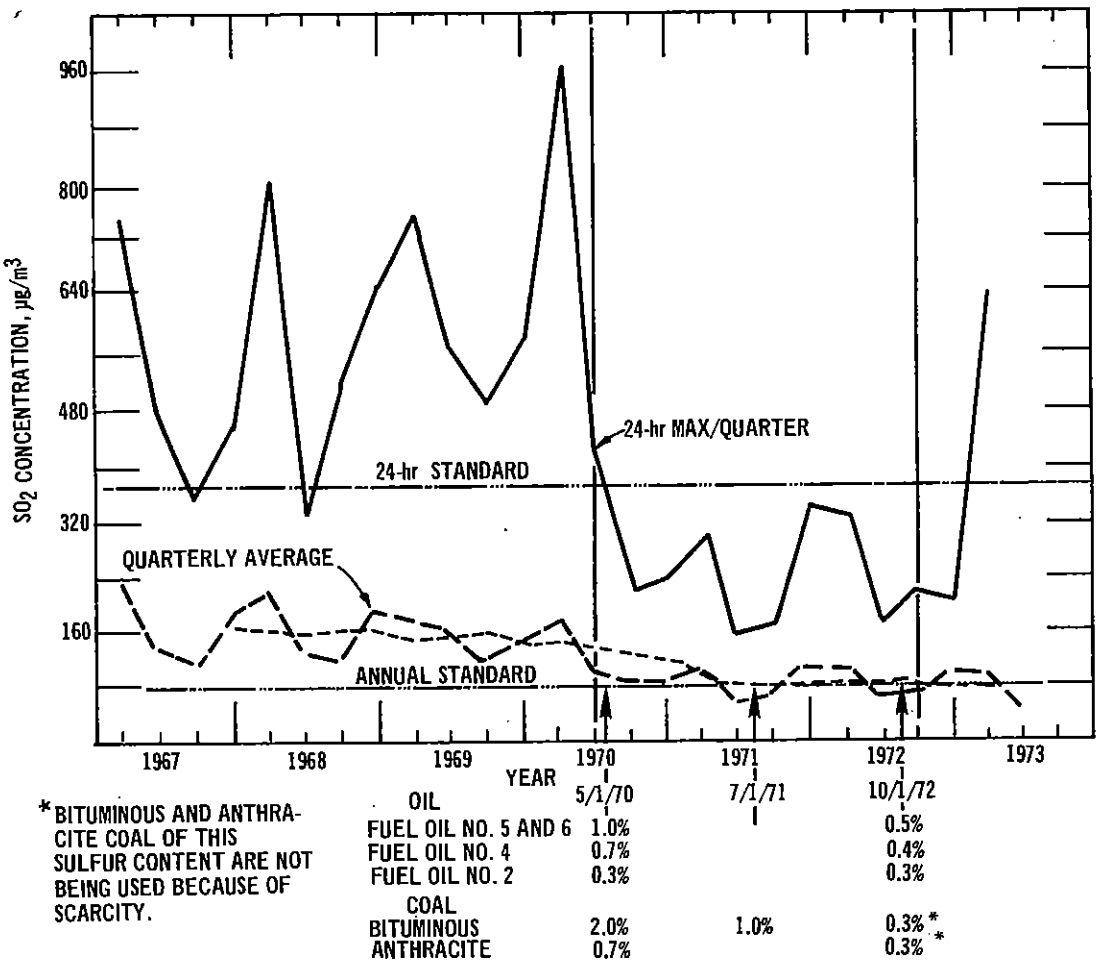


Figure 4-4. Comparison of $SO_2$ trends in Philadelphia with regulations governing percent sulfur content in fuel.

Trends in average concentrations, as exemplified by a moving average of four calendar quarters, show concentrations decreasing by 50 percent from the 1967-1968 level of 160 $\mu g/m^3$ to the current air quality level of 80 $\mu g/m^3$. The maximum 24-hour concentrations have experienced a similar decline.

The observed decreases in the average $SO_2$ concentrations appear to coincide with the implementation of local regulations which restrict the sulfur content in fuel. The first concentration decrease closely followed the May 1970 regulation which established a maximum limit of 1 percent sulfur in residual oil and coal, and 0.3 percent sulfur in distillate fuel. The annual average $SO_2$ continued to decline until it leveled off at the NAAQS in the second quarter of 1971. It then remained at that level for the next 2 years. After the implementation of the

second sulfur regulation in October of 1972, which limited residual oil to 0.5 percent S and distillate fuel and coal to 0.3 percent S, the average air quality appeared to continue to improve. Prior to the implementation of the May 1970 sulfur regulation, the short-term, 24-hour NAAQS had been consistently violated at levels of more than twice the primary standard. Subsequently, the observed maximum 24-hour levels have decreased significantly.

A violation of the standard did not occur again until January 1973 when a 24-hour level of 637 $\mu g/m^3$ was observed. Although the increase was apparently attributable to adverse meteorological conditions, it did occur despite the reduction in sulfur emissions created by the sulfur regulation of October 1972.

4.2.2.3. Metropolitan Chicago Interstate AQCR

The Chicago NASN No. 02 site (Figure 4-5) shows the same general decline in $SO_2$ levels that has been seen at sites throughout this region. The slight upturn in the fourth quarter of 1972 is due primarily to a single high observation. Data from other sites indicate that the steady decline in $SO_2$ levels is being maintained.

As shown in Table 4-3, restrictions on sulfur content in fuels has been accomplished through a series of regulations that began in 1970 for the various sources. Prior to that time,

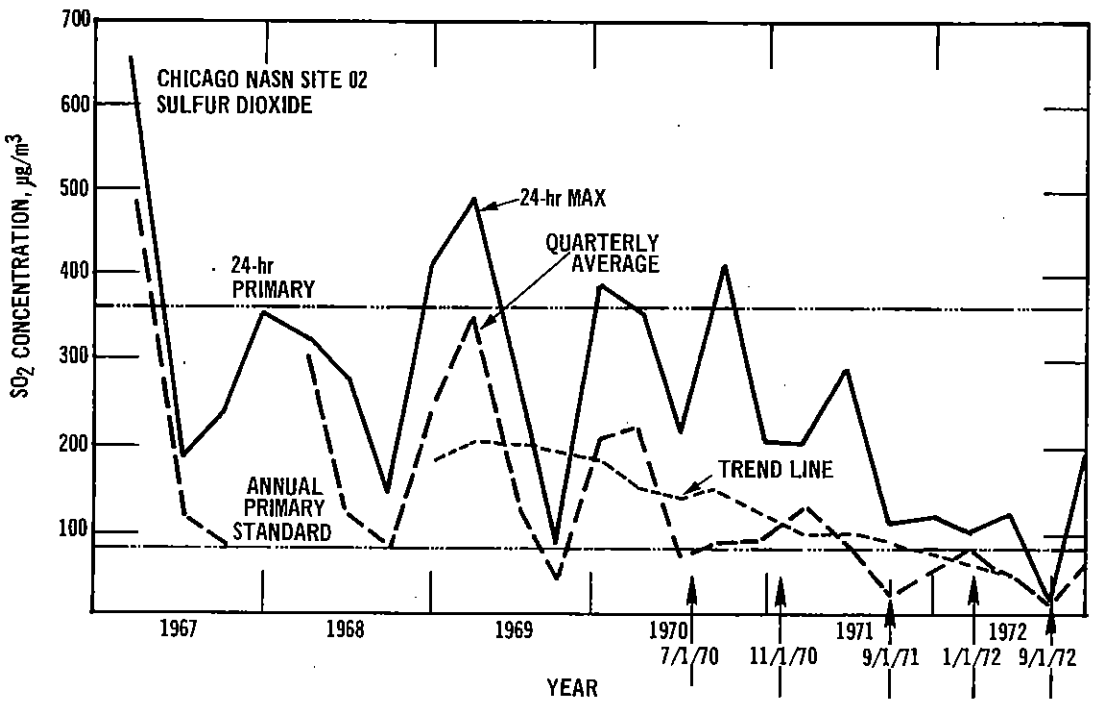


Figure 4-5. Comparison of $SO_2$ trends in Chicago with regulations governing percent sulfur content in fuel.

Table 4-3. SUMMARY OF CHICAGO CITY REGULATIONS ON SULFUR CONTENT OF ALL FUELS (percent)

| Effective date | New area sources | Existing area sources | Industrial combustion | Utility power |
|---|---|---|---|---|
| 7/1/70 | 1 | 2 | 2 | 1.8 |
| 11/1/70 | | | 1.5 | |
| 9/1/71 | | 1.25 | | |
| 1/1/72 | | | | 1 |
| 9/1/72 | 1 | 1 | 1 | 1 |

regulation of emissions came under somewhat general public nuisance laws. The City of Chicago has indicated that the enforcement of all existing regulations has been extensive.

In addition to these basic regulations concerning sulfur content of fuels, there has been significant fuel switching in the area. According to the Chicago Department of Environmental Control, the strategy is to convert small users from coal to either gas or oil. Coupled with this is a policy of denying gas to large users who are capable of using other control methods. There has also been a significant change in the mix of fuels used by utilities. From 1967 to 1971, coal usage decreased 19 percent, whereas oil and gas usage increased dramatically. The net effect of these fuel switches by utilities has been estimated at a 25 percent reduction in emissions. For example, the Crawford Utility Plant in downtown Chicago switched from predominantly coal usage to gas during this period with an estimated 77 percent reduction in emissions.

Thus, the steady decline in $SO_2$ levels in this area may be viewed as the result of a sequence of steps that have been implemented to reduce emissions.

## 4.3. TRENDS IN SULFATES AS RELATED TO TOTAL SUSPENDED PARTICULATE AND SULFUR DIOXIDE

While no standard presently exists for sulfates, information is now emerging from the Community Health Effects Surveillance System* that human respiratory disease is more closely associated with sulfates than with sulfur dioxide. The levels of suspended sulfates necessary to cause adverse health effects have been found to be an order of magnitude lower than the levels of sulfur dioxide or total suspended particulates required to produce similar effects.[2] Laboratory studies conducted with animals[3] have shown that, in terms of comparative toxicity, sulfuric acid and some metallic sulfate compounds such as zinc ammonium sulfate are more potent irritants than sulfur dioxide. For these reasons, this section will present a nationwide overview of temporal and spatial variation of sulfates by considering long-term trends in annual means, and geographical patterns among average sulfate concentration levels. These results are placed in perspective by examining some of their interrelationships both with patterns of the total suspended particulate matter and sulfur dioxide, and with some factors influencing sulfate formation.

A major portion of the sulfate ion fraction in total suspended particulate matter samples is commonly assumed to originate with the burning of sulfur-bearing fossil fuels, refining and smelting operations, either emerging directly as some sulfate compound or more likely evolving from gaseous $SO_2$ or $SO_3$ through atmospheric reactions. There is also evidence that ambient $SO_2$ in the air stream of a hi-vol sampler reacts with material being collected on the filter and remains to slightly inflate the apparent particulate sulfate fraction. In any case, reasonably good correlations would be expected between sulfur dioxide and the sulfate fraction, and between total suspended particulates and the sulfate fraction. Such relationships were inferred from early NASN data.[4,5] In light of the recently assessed downward trends in total suspended particulate matter and $SO_2$ in urban areas,[1,6] one might expect a corresponding decline in the amount of sulfate in the particulate samples. The results of this study, based on data from 62 sites over the years 1964 through 1970, do not bear out that expectation. In the majority of instances, the quantity of sulfate in the hi-vol samples has remained essentially unchanged. Moreover, sulfate concentrations seem to be somewhat independent of ambient sulfur dioxide concentrations at individual locations and can be better described by the concentration of total suspended particulates and the general geographic locality of the monitoring station.

### 4.3.1. Statistical Methodology

The sites considered in this analysis were chosen from the National Air Surveillance Networks which have at least 6 years of valid† sulfate data during the 7-year period, 1964-1970.

*The Community Health Effects Surveillance System (CHESS) is operated by the Human Studies Laboratory, National Environmental Research Center, Environmental Protection Agency, Research Triangle Park, N. C.

†A year of valid data connotes adequate annual coverage consisting of at least five observations per calendar quarter.

The study was limited to this particular time frame because of availability of comparable information on ambient sulfur dioxide and recent sulfate measurements. Annual mean concentrations were utilized in the data analysis of long-term trends. The parameters considered were annual geometric mean sulfate concentrations, annual geometric mean TSP, the ratio of mean sulfate to mean TSP (reflecting the geometric mean sulfate percentage of the TSP), and arithmetic mean $SO_2$.

Long-term temporal patterns were established on the basis of statistical correlation of the annual pollutant level with time. The Spearman correlation coefficient, one based on the relative rankings of the observations, was used to provide the necessary indication of increasing or decreasing patterns. Use of such a non-parametric measure of correlation precluded the necessity for any particular transformation of the data which could have imposed unnecessary assumptions on the analysis. The use of the Spearman coefficient for examination of association with time is referred to as the Daniels Test for Trend. Statistically significant correlations of the annual level with time are indicative of consistent (but not necessarily linear) changes and are used in the analysis to indicate relative numbers of increasing and decreasing trends at individual locations. The total number of sites with either positive or negative correlations with time, regardless of the statistical significance level, is used to constitute the total number of increasing and decreasing patterns and, as such, provides a broader generalization about the national sample.

### 4.3.2. Comparison of Long-Term Trends in Sulfates, Total Suspended Particulate, and Sulfur Dioxide

With few exceptions, annual sulfate levels have essentially stayed unchanged during a period that evidenced numerous downward trends in TSP and $SO_2$. In effect, the observed decreases in TSPconsisted of changes in the non-sulfate portion of the TSP; as a consequence, the sulfate percentage of the total suspended particulate had consistently increased during the study period 1964-1970.

Of the 62 urban sites examined which had at least six annual means of TSP and $SO_4^=$ for the 7 years of the study period, 23 sites (37 percent) showed significant* downward trends in TSP. In fact, almost all(95 percent) had downward patterns and none were significantly increasing. At a subset of these sites where appropriate analyses could be made, $SO_2$† evidenced similar behavior as indicated in Table 4-4. On the other hand, only nine sites (15 percent) had significant trends in sulfates, some increasing and some decreasing. The sites that experienced the declines in sulfates had the more highly significant trends of the group and, in most cases, had accompanying downward trends in $SO_2$ and TSP. Conversely, sulfates basically stayed unchanged at a majority of locations that experienced significant declines in sulfur dioxide or TSP. In fact, there is one instance where an upward trend in sulfate existed in spite of downward trends in both TSP and $SO_2$.

Although correct classification of trends at some specific locations may be suspect, the character of the overall national sample remains clear. With only a few possible exceptions, sulfates have not experienced a sustained change in the concentration levels that existed in the period 1964-1970. At some locations, sulfate concentrations experienced wide variation from one year to the next, whereas others remained remarkably constant. The coefficient of variation ranges from 5 percent to 85 percent; the median coefficient of variation is around 18 percent.

The independent temporal behavior of sulfates as compared with the total suspended particulate matter and ambient sulfur dioxide is also exemplified by the temporal change in the annual sulfate percentage of the total particulate. In almost all cases, its overall pattern was increasing, and was statistically significant at 16 sites (26 percent). An extreme example occurred when the sulfate percentage of TSP increased despite a significant decrease in both TSP and $SO_2$, as well as a decrease in the quantity of sulfates.

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*Trend is defined as significant association at $\alpha/2 = 0.05$ level.

†Site was included for trend assessment with at least four annual means of $SO_2$.

Table 4-4. LONG-TERM TEMPORAL PATTERNS IN SULFATES AS COMPARED WITH TRENDS IN TSP AND $SO_2$, 1964-1970

| | Sulfate | TSP | TSP, % sulfate | $SO_2$ |
|---|---|---|---|---|
| | Number of stations | | | |
| Increasing patterns[a] | 30 | 3 | 55 | 3 |
| Trends | | | | |
| Marginally significant[b] | 2 | | 12 | |
| Significant[c] | 3 | | 4 | |
| Other increasing patterns | 25 | 3 | 39 | 3 |
| Decreasing patterns[d] | 31 | 59 | 5 | 20 |
| Trends | | | | |
| Marginally significant | | 6 | | 1 |
| Significant | 4 | 17 | | 5 |
| Other decreasing patterns | 27 | 36 | 5 | 14 |
| No change[e] | 1 | | 2 | 1 |
| Total | 62 | 62 | 62 | 24 |

[a]Spearman correlation > 0.
[b]0.05-0.10 level.
[c]0.05 level.
[d]Spearman correlation < 0.
[e]Spearman correlation = 0.

### 4.3.3. Comparison of Yearly Changes in Sulfates and Sulfur Dioxide Between 1969 and 1970

Because of the limited number of stations with concurrent $SO_2$ and sulfate data considered thus far, a separate but larger sampling of NASN stations was evaluated for examination of the relationship between changing levels in sulfate and ambient sulfur dioxide. The directions of change between 1969 and 1970 annual mean concentrations of the pollutants were compared among 63 NASN stations. The results, shown in Table 4-5, demonstrate that relatively no association exists between changes in these two pollutants on an individual site-by-site basis. The results also indicate that, despite a decrease in $SO_2$ at the vast majority of stations, sulfates have increased equally as often as they have decreased.

It is apparent that, although the annual levels of the TSP and $SO_2$ have declined, the sulfate fraction has not declined, and may have even occasionally increased. In effect, the emission regulations designed to reduce TSP and $SO_2$ have not always had the same effect on the sulfate fraction of the total particulate.

### 4.3.4. Geographic Relationships

For the purpose of deriving some nationwide generalizations, geographic patterns of the 62 select site locations with respect to characteristic sulfate levels have been examined for any possible associations with the previously discussed temporal relationships.

#### 4.3.4.1. Sulfates and Total Suspended Particulate

Typical sulfate concentrations and percentages of the total particulate are described by their most recent 3-year averages (1968-1970). The average urban sulfate concentrations

Table 4-5. ASSOCIATION OF YEAR-TO-YEAR CHANGE BETWEEN $SO_2$ AND SULFATE STATIONS, 1969-1970

| | Sulfates | | | |
|---|---|---|---|---|
| | Increase | No change | Decrease | Total |
| Sulfur dioxide | | | | |
| Increase | 2 | | 4 | 6 |
| No change | 2 | 1 | 2 | 5 |
| Decrease | 19 | 9 | 24 | 52 |
| Total | 23 | 10 | 30 | 63 |

ranged from 2 $\mu g/m^3$ to 26 $\mu g/m^3$. The average percentages of the total particulate ranged from 3 percent to 21 percent.

There are several fairly well defined geographical clusters of sites characterized by similar sulfate percentage of TSP and by average sulfate concentrations. Stations exhibiting increasing and decreasing patterns appear to be distributed among each of these geographical clusters. Figures 4-6a and 4-6b depict the geographical distribution of sulfate levels and corresponding percentages of the TSP, respectively.

Sites in the same state and, in general, in the same section of the country tend to agree in both the average sulfate particulate percentage and the concentration levels. The highest levels of sulfates, both in percentage of TSP and average concentration, are situated in the industrial northeastern section of the United States bordered by the Mississippi River. In general, the sulfates are lowest in concentration west of the Mississippi River, particularly in the western mountain states.

The sulfate percentages of the total particulate clearly exhibit further characteristics of separation. The sites east of the Mississippi appear to cluster into at least two major groups. One group consists of the region containing the New England and Mid-Atlantic States, with sulfates constituting about 15 percent or more of the total particulate. The second group consists of the north-central region around the Great Lakes, where the sulfate percentage of TSP is typically 9 to 11 percent.

4.3.4.2. Sulfates and Sulfur Dioxide

There is also general agreement between levels of particulate sulfate, ambient sulfur dioxide, and $SO_2$ emissions. The highest $SO_2$ levels, both in ambient concentrations and in emission densities, are found in the industrial northeast sector of the country. This sector's total sulfur oxide emissions account for nearly 50 percent of the national total. Outside the northeastern region, both ambient $SO_2$ concentrations and emission densities are contrastingly lower. Northeastern sites, however, exhibit considerable site-to-site variability in annual average $SO_2$ concentrations. Nevertheless, sites with lower average $SO_2$ levels comparable to areas outside the northeast still maintain relatively high average sulfate concentrations.

4.3.4.3. Trends and Geography

Although sulfate levels and proportions vary according to geography, their year-to-year temporal patterns seem to be somewhat independent of such a macro-generalization. One state, New Jersey, has both an upward-trend location as well as two locations with downward trends in sulfate concentrations. Both sites with downward trends, however, are situated in a single AQCR, whereas the site with the upward trend is in another AQCR.

The sites that experienced significant increases in the sulfate percentage of TSP were distributed throughout the United States, as were sites with decreasing trends in the TSP.

Figure 4-6a. Nationwide distribution of average sulfate concentrations, 1968-1970.

Figure 4-6b. Nationwide distribution of average sulfate fractions expressed as percent of total particulates, 1968-1970.

There are too few sites with statistically significant trends in sulfate concentration to warrant any generalization.

### 4.3.5. Discussion of Results

Factors identifying the actual formation of particulate sulfate and its relationship to sources of sulfur dioxide and other sulfur-bearing compounds must be identified to further pursue this absence of trend in the particulate sulfate fraction.

Although sulfate concentrations have basically remained unchanged while ambient levels of $SO_2$ and TSP have declined in center-city locations, there is still significance in the broad geographic similarity that exists between overall ambient concentration levels of sulfur dioxide, the sulfate fraction of the TSP, and area-wide $SO_2$ emission densities.

This is suggestive of different spatial distributions of emissions around center-city locations or different transport mechanisms affecting the source-receptor relationships between ambient sulfur dioxide and particulate sulfate.

Sulfur oxide emissions generated at ground-level area sources such as residential and commercial space heating have a much larger impact on local ambient $SO_2$ levels than the same emissions from an elevated point source. Moreover, large point sources such as power plants are frequently not able to locate near or in center-city areas. Although strict local regulations have limited the use of high-sulfur content fuels in residential and small commercial sources, contributing to the downward trend in ambient $SO_2$, total $SO_x$ emissions from fuel combustion in power plants and industrial plants and other industrial processes have increased. These are the sources that contribute to most of the total $SO_2$ emissions.[5]

Because most particulate sulfate is probably generated by atmospheric reaction of $SO_2$, the influence of more distant $SO_2$ emissions on sulfate concentrations could satisfactorily explain both the general geographic similarity of sulfate levels and the apparently contrasting behavior of ambient $SO_2$ and sulfate concentrations. Detailed information on $SO_2$ emissions and a dense network of ambient air sampling stations would be required for conclusive verification.

### 4.3.6. Extrinsic Sulfate Formation on Glass Fiber Filters

It has been demonstrated[8] (Lee and Wagman) that significant amounts of extraneous sulfate can be formed on the glass fiber filters utilized by the hi-vol sampler. Presumably, the extrinsic sulfate formation is a product of oxidation of adsorbed sulfur dioxide. This phenomenon, however, should not affect the conclusions of the trend analysis, although observed concentrations may be somewhat inflated. Lee and Wagman found that the amount of extrinsic sulfate ranged from 12 to 16 percent of the total sulfate collected. It appears that the extrinsic portion of the total sulfate is truly multiplicative rather than a constant additive component. This suggests that factors conducive to the generation of the extrinsic sulfate, such as humidity, would also be associated with the formation of the actual true ambient sulfate. A declining availability of $SO_2$ above some minimum required threshold concentration could, at most, cause an apparent decrease in observed sulfates; this in fact was observed only infrequently.

The real significance of this phenomenon is the possibility that total sulfates collected by NASN can lead to overestimation of true atmospheric sulfate by as much as 16 percent. Moreover, when sulfates constitute a sizable proportion of the total suspended particulate, the TSP could be overestimated as well. In the industrial northeast, where sulfates typically constitute 10 to 20 percent of the TSP, extrinsic sulfates may constitute as much as 3 percent of the total collected material.

### 4.3.7. Summary and Conclusions

The sulfate portion of TSP remained essentially unchanged at the majority of sampling stations from 1964 through 1970 in spite of concurrent decreases both in TSP and $SO_2$. Since it has been assumed that a significant portion of sulfate compounds originate with the major sources of particulate or $SO_2$ either directly or through atmospheric reactions working on the $SO_2$, the relatively constant level of sulfates presents something of a mystery. The circumstances responsible for these sustained levels of sulfates must be better understood before effective control strategies for sulfates can be developed.

## 4.4. TRENDS IN CARBON MONOXIDE, NITROGEN DIOXIDES, AND OXIDANT

This section discusses trends in carbon monoxide, nitrogen dioxide, and oxidant. At the present time there are limited historical data for these pollutants on a national basis. The limited extent of the data can be seen by examining Table 3-7. For this reason, the approach

employed is to consider two specific geographical areas, Los Angeles and selected sites in New Jersey. In general, the state of California has submitted extensive data to the National Aerometric Data Bank concerning these pollutants from their long-standing monitoring program. The Los Angeles area was selected because this region has a large number of sites and is therefore amenable to both spatial and temporal analysis. To complement the discussion of this west coast region, three sites in New Jersey are also examined to indicate comparable patterns in a different geographical region.

Both regions employed the nondispersive infrared measurement method for carbon monoxide and the Saltzman method for nitrogen dioxide. The oxidant data from California were obtained using an instrumental colorimetric neutral KI method, whereas the New Jersey data were obtained using an instrumental alkaline KI method.

### 4.4.1. Methodology

There have been numerous studies of trends in air quality, and a variety of statistical techniques have been employed. Since the emphasis in this report is descriptive, a major factor considered in selecting a technique was the clarity of visual presentation. For this reason, the Whittaker-Henderson Type A curve-smoothing technique was chosen.[9] This is a mathematical technique for curve-smoothing and has been used previously in summarizing air quality trends. This technique provides a convenient means of graphically illustrating trends.

### 4.4.2. General Patterns

Although each site has its own particular pattern, it is possible to make certain generalizations regarding the trends for these pollutants. The specific patterns in each area are discussed in more detail in the following sections.

Figures 4-7 and 4-8 graphically present the data used in this analysis. For each site, a graph is presented showing monthly average carbon monoxide levels, monthly average nitrogen dioxide levels, and monthly maximum 1-hour oxidant levels. Superimposed on each of these graphs is the smooth curve resulting from the Whittaker-Henderson technique. While detailed examination of these graphs is not essential in understanding this report, it would provide background material.

From these graphs, it is apparent that each pollutant has certain characteristic patterns. Seasonality is evident in most of the graphs. Oxidant peaks in the summer months, and nitrogen dioxide and carbon monoxide peak during the winter. As an example of the consistency of these patterns, Figure 4-9 depicts the seasonal variability at the West Los Angeles site for nitrogen dioxide and oxidant. This graph presents a seasonal smoothing curve for both pollutants plotted versus an arbitrary concentration scale. This is sufficient to indicate the consistent seasonality in the data. In addition to these seasonal patterns, there are trend components in the data that are briefly summarized below.

Overall, carbon monoxide averages have decreased notable after 1968. As a consequence, the frequency of excursions above the 8-hour primary standard has dropped appreciably since 1968. A corresponding reduction in 1-hour maximum concentrations, however, has not always been achieved.

Trends in annual average for nitrogen dioxide showed a mixture of patterns. Whereas the three New Jersey sites reported marginal declines, the predominant pattern in the Los Angeles area was increasing.

Oxidant concentrations have shown a general decline since the late 1960's. Although oxidant is an area-wide pollutant, the discussion of Los Angeles indicates the variability of patterns that co-exist within a fairly specific geographical area.

### 4.4.3. Los Angeles

This analysis discusses 12 sites in the Los Angeles area having historical data for all three pollutants (CO, $NO_2$, $O_x$). The geographical locations of these sites are shown in

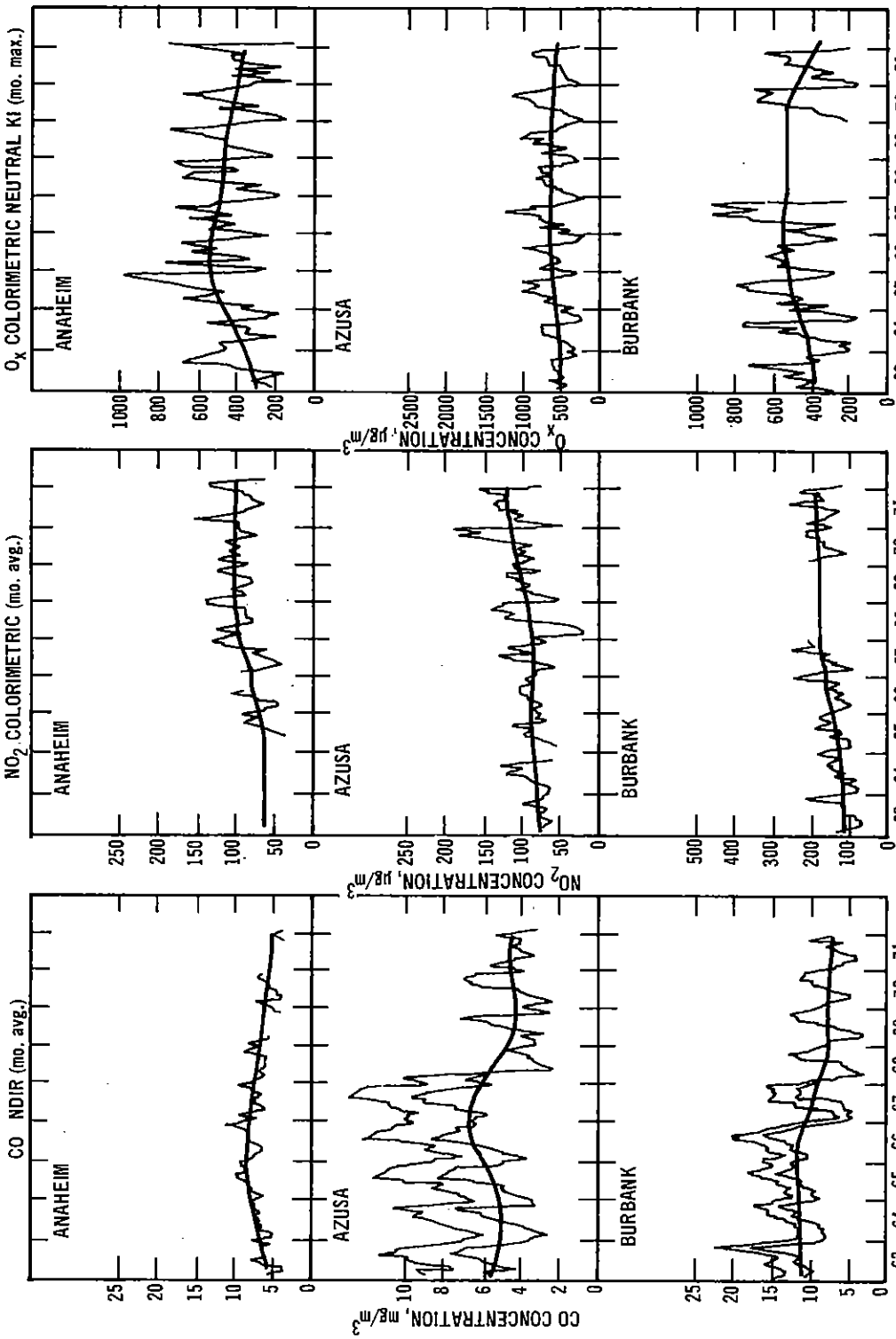


Figure 4-7. Graphs of instrumental analyses of CO, $NO_2$, and $O_x$ for selected sites in Los Angeles area at 25 °C.

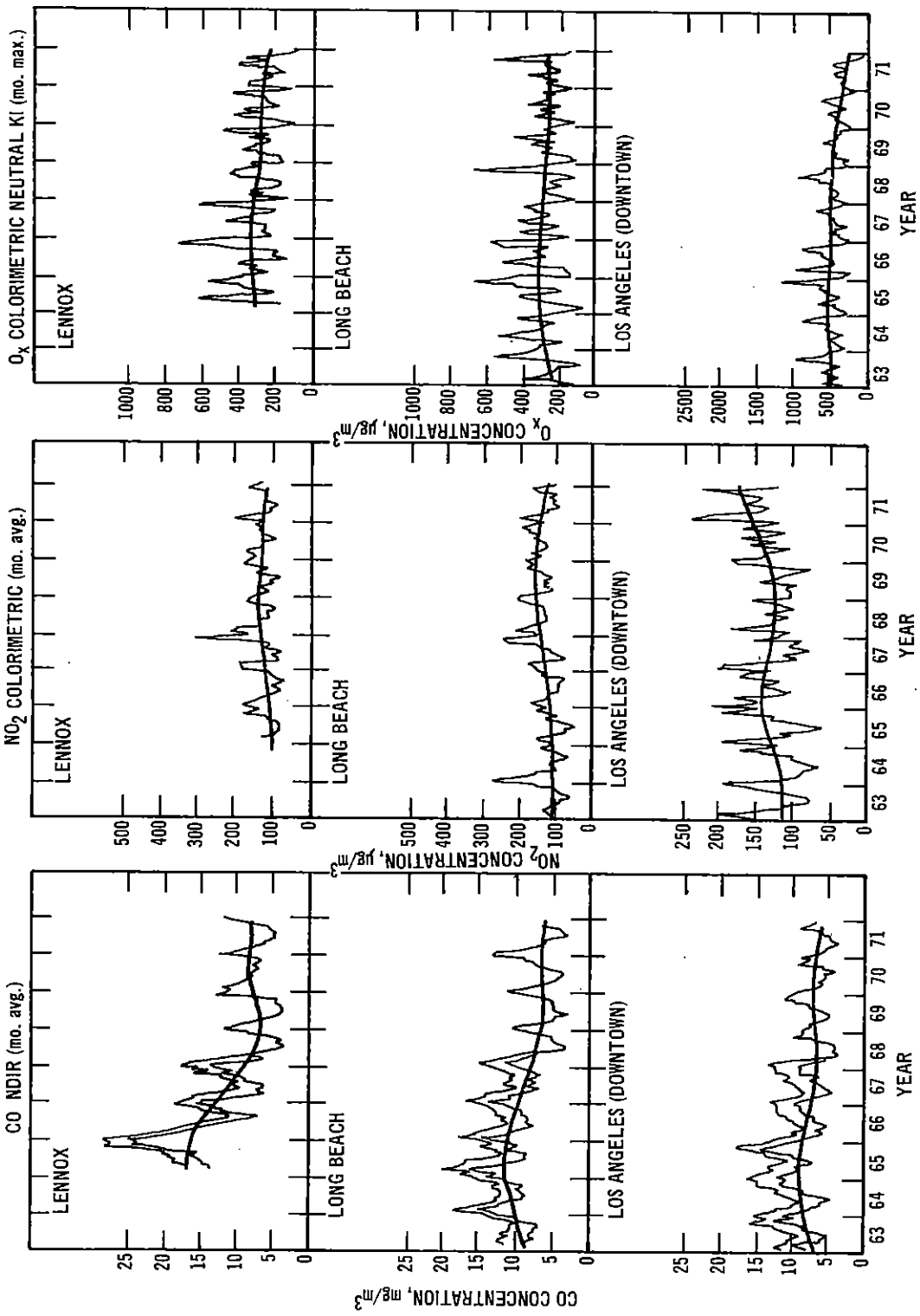


Figure 4-7 (continued). Graphs of instrumental analyses of CO, $NO_2$, and $O_X$ for selected sites in Los Angeles area at 25 oC.

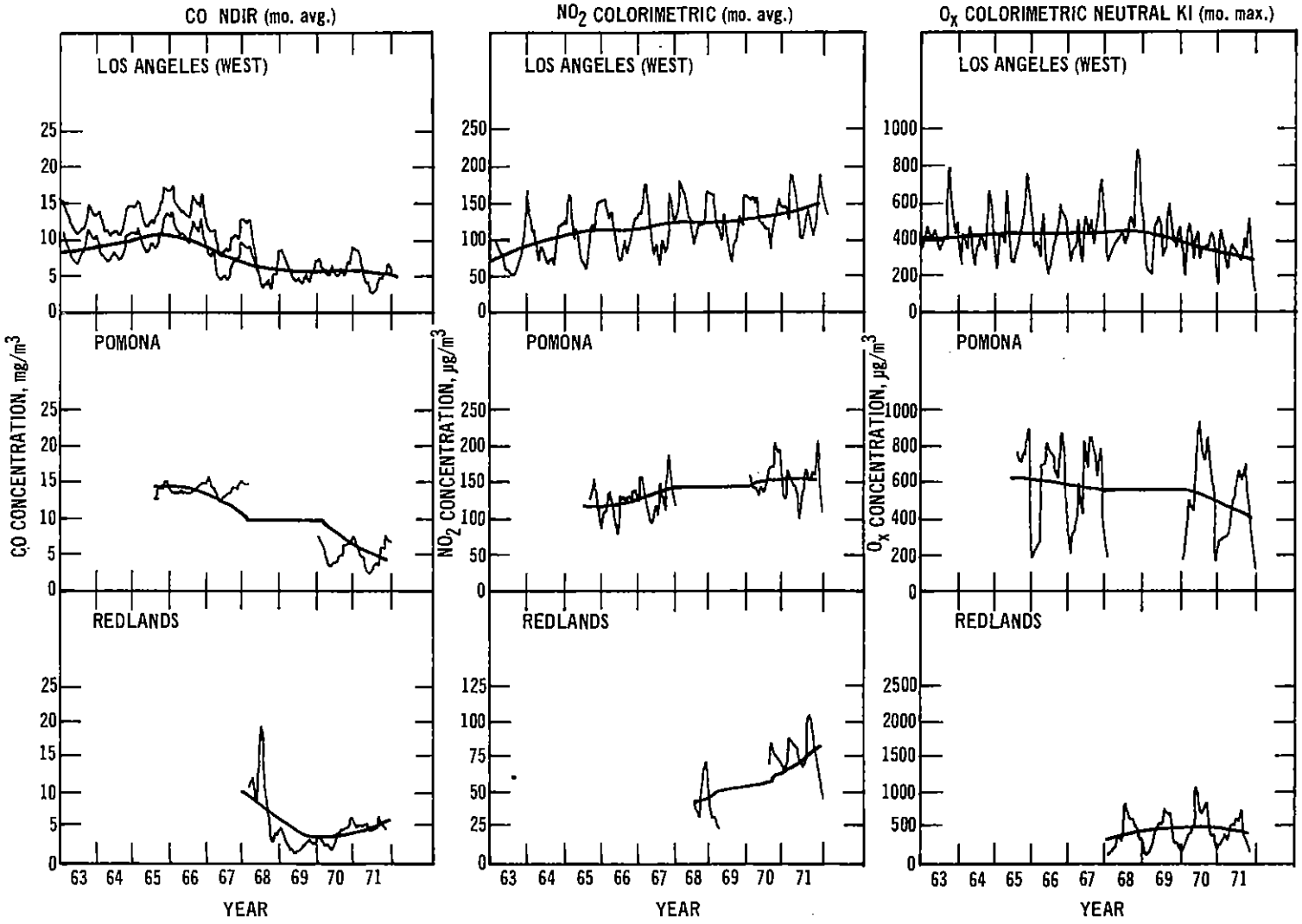


Figure 4-7 (continued). Graphs of instrumental analyses of CO, $NO_2$, and $O_X$ for selected sites in Los Angeles area at 25 °C.

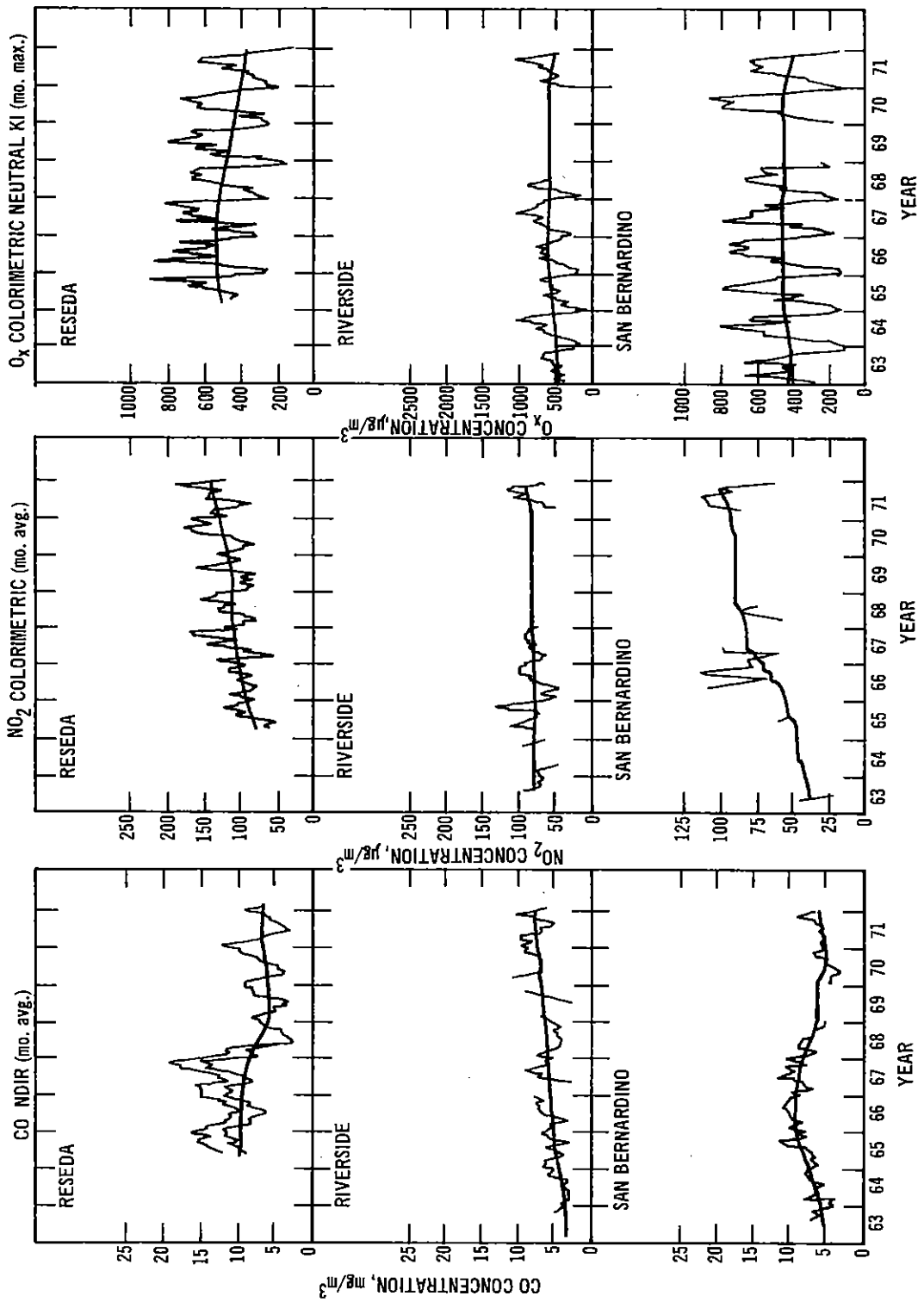


Figure 4-7 (continued). Graphs of instrumental analyses of CO, $NO_2$, and $O_X$ for selected sites in Los Angeles area at 25 °C.

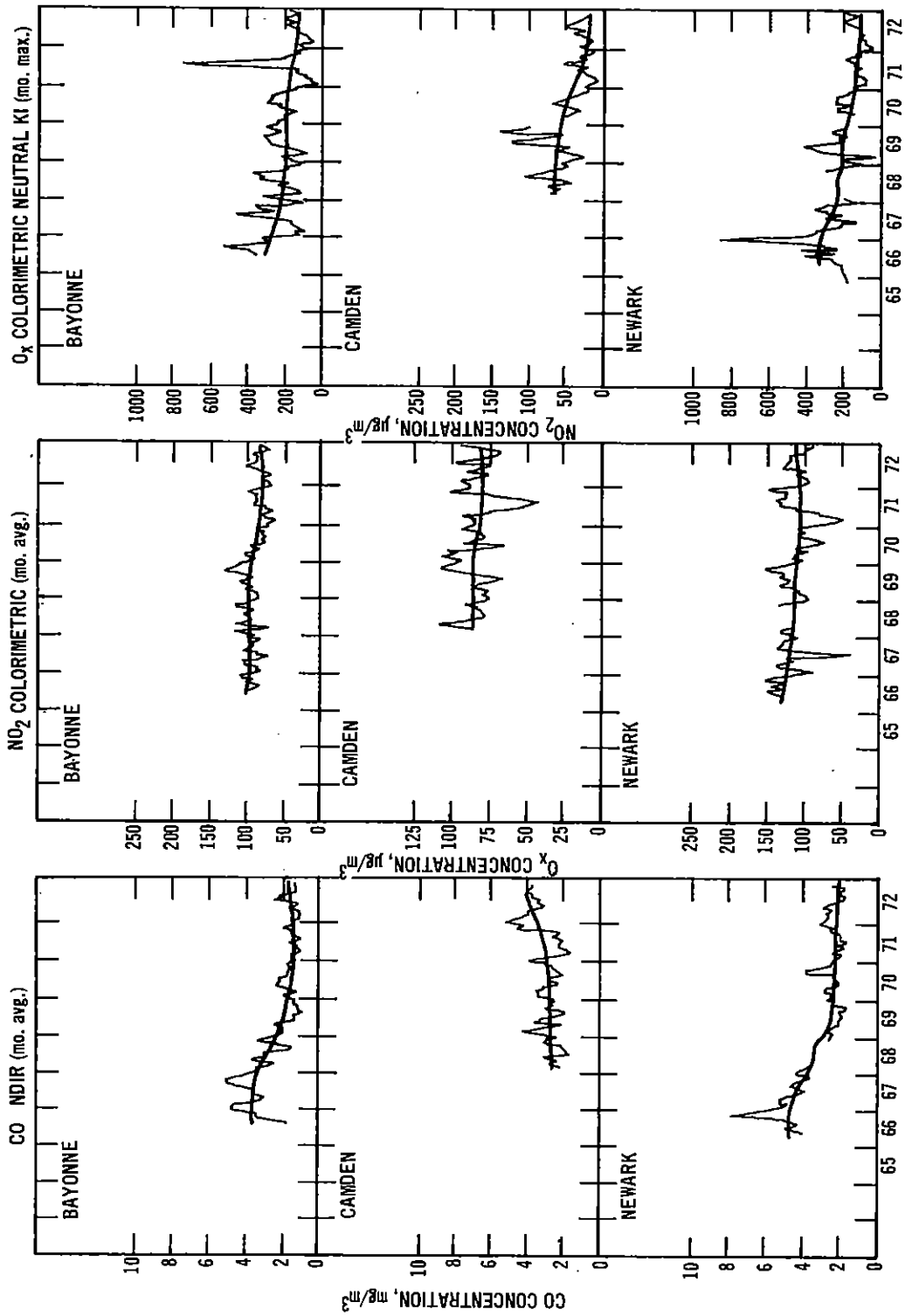


Figure 4-8. Graphs of carbon monoxide, nitrogen dioxide, and total oxidants for selected sites in the State of New Jersey.

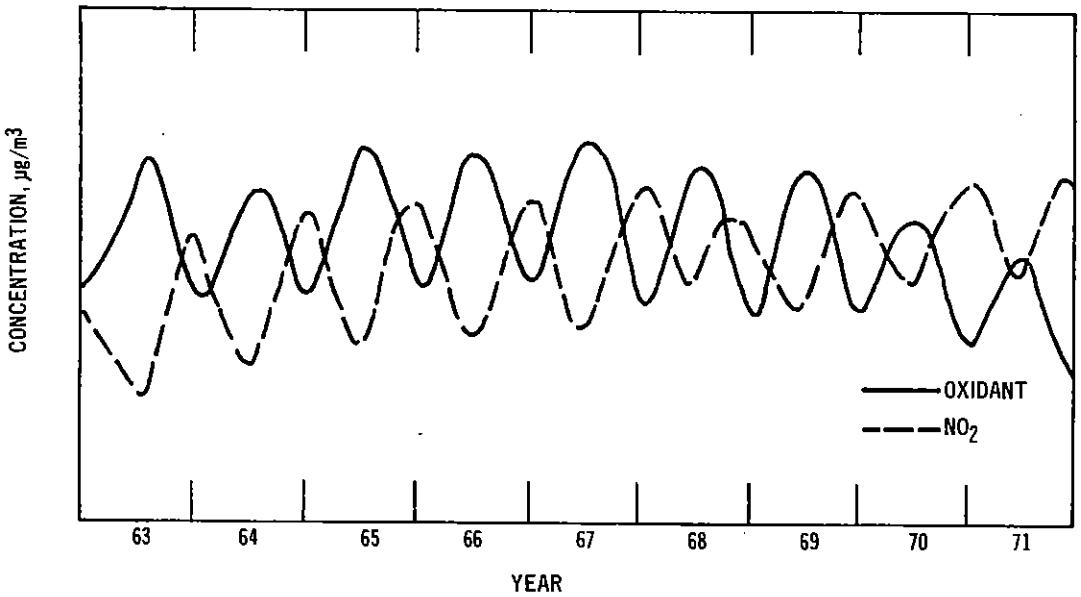


Figure 4-9. Seasonal patterns of $NO_2$ and oxidant at the West Los Angeles Station, 1963-1971.

Figure 4-10. The Los Angeles Air Quality Control Region has been designated as a Priority I region for these three pollutants, indicating high ambient concentrations.

The predominant pattern for carbon monoxide in this area shows a pronounced decline in average concentration; the Riverside site has shown an increase. Despite this general improvement, carbon monoxide levels are still high relative to the national 1-hour standard at some sites and to the 8-hour standards at most sites. The general downward trend in oxidant levels shows an improvement since the late 1960's, with the degree of improvement being less pronounced for sites in the Riverside area. As with carbon monoxide, despite the overall downward trend in oxidants, many of the sites remain well above the national standard.

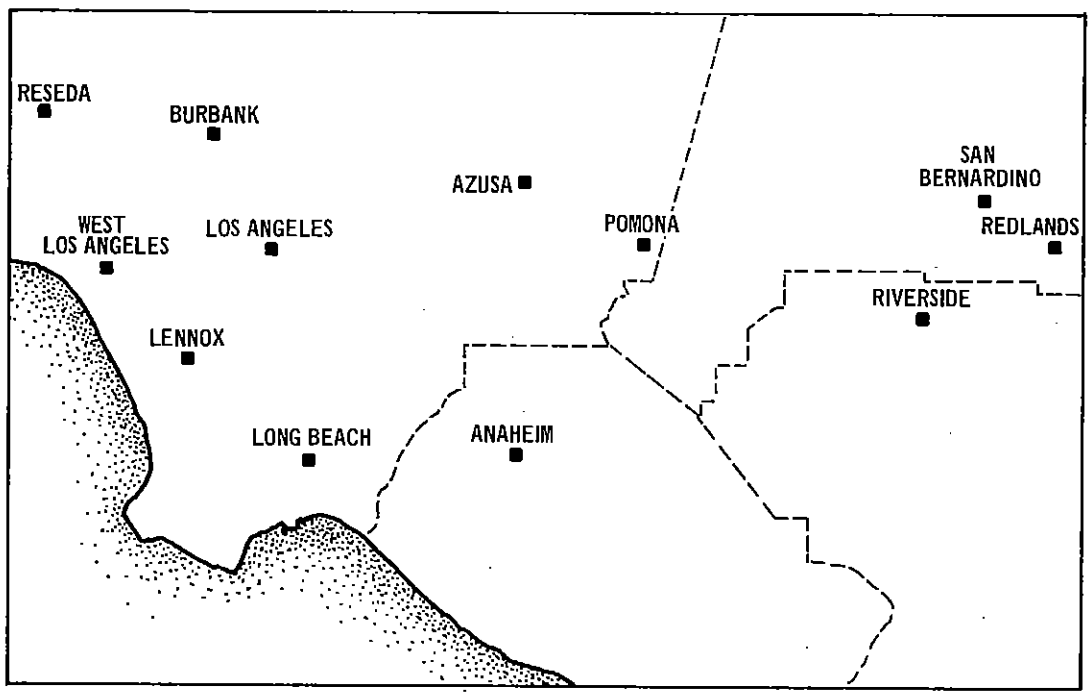


Figure 4-10. Location of air monitoring sites in Los Angeles area.

In contrast to the improvement in air quality shown for carbon monoxide and oxidant, the nitrogen dioxide levels in this region have been rising fairly consistently. With these general patterns in mind, the next sections discuss more specific trends for each pollutant.

4.4.3.1. Carbon Monoxide Trends in Los Angeles

Trends in carbon monoxide concentrations are predominantly downward throughout the Los Angeles air basin, but display some similarities and differences according to general spatial proximity.

Table 4-6 presents the percentage of daily excursions above the national 8-hour standard of 10 $mg/m^3$ for sites within and outside Los Angeles County.

The greatest improvement in average concentration and corresponding frequency of excursions above the 8-hour standard has been demonstrated by the monitoring data within Los Angeles County. It must be noted, however, that a modification was made to the Los Angeles County CO instruments in April 1968 to eliminate water vapor interference. The Los Angeles County Air Pollution Control District estimates that its reported concentration of carbon monoxide prior to April 1968 at all locations in Los Angeles County may be biased upward from 1 to 4 ppm (1.1 to 4.6 $mg/m^3$); the actual amount in this range is dependent on the absolute humidity at the time of measurement.

Because of this problem with the data from Los Angeles County, the data prior to April 1968 are presented in Figure 4-7 as an interval defined by the reported levels minus the maximum bias.

Table 4-6. PERCENTAGE OF DAILY EXCURSIONS[a] ABOVE THE 8-HOUR CARBON MONOXIDE STANDARD OF 10 $mg/m^3$ IN LOS ANGELES COUNTY, 1963-1971

| Location | Year | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 |
| Burbank | 86-100 | 61-99 | 81-100 | 93-100 | 58-97 | 49-54 | 52 | 56 | 34 |
| Lennox | | | 99-100 | 79-100 | 56-99 | 47-50 | 37 | 55 | 42 |
| Long Beach | 49-99 | 78-100 | 78-100 | 65-100 | 42-98 | 41-44 | 28 | 37 | 32 |
| Downtown L.A. | 58-97 | 54-95 | 78-99 | 43-90 | 40-87 | 40-48 | 51 | 40 | 32 |
| West L.A. | 59-99 | 53-97 | 72-100 | 77-99 | 32-82 | 42-43 | 26 | 35 | 21 |
| Reseda | | | 75-100 | 49-96 | 79-97 | 34-43 | 38 | 44 | 35 |
| Pomona | | | 62-100[b] | 60-100 | 58-100 | 30-39 | 19 | 30 | 18 |
| Azusa | 7-71 | 4-47 | 11-71 | 17-76 | 29-96 | 11-30 | 9 | 8 | 5 |
| Anaheim | 16 | 20 | 47 | 34 | 33 | 25 | 26[b] | 28 | 16[b] |
| Redlands | | | | | 64[b] | 52 | 1 | 7 | 7 |
| Riverside | 3 | 1 | 13 | 24 | 27 | 11 | 18[b] | 40[b] | 59 |
| San Bernardino | 13 | 17 | 41 | 79 | 63 | 46 | 10 | 11 | 16 |

[a]Due to instrumental modification in April 1968, range of annual excursions is provided for sites in L.A. County for 1963-1968.

[b]Denotes incomplete annual coverage.

Similarly, Table 4-6 presents a range of percentages of the annual frequency of excursions above the national 8-hour standard for the cities within Los Angeles County. The interval is defined as the frequency of excursions above the 8-hour standard of 10 mg/m$^3$ and above 14.6 mg/m$^3$ which is the standard plus the maximum instrument bias.

In spite of instrument modification, there has still been a clear decline in CO concentrations in Los Angeles County. This decline has produced a substantial reduction in frequency of excursions above the 8-hour standard even after taking instrument bias into consideration.

The monitoring sites in the eastern counties of the area display a different picture. The reported average concentrations at these sites were notably lower than those initially observed at the sites within Los Angeles County. Also, the eastern county sites do not demonstrate the same marked seasonal patterns in average concentration. Anaheim and San Bernardino show some variation in the overall long-term trend, but have not appreciably changed over the 10-year period. Riverside, on the other hand, has displayed an increasing pattern over the entire period and, as such, stands uniquely alone. It can be noted that Azusa possesses a transitional pattern with similarities to both the sites in Los Angeles County and in the outlying counties.

The overall trends in the maximum 1-hour concentrations are similar to the trend in average concentration, but its overall long-term pattern is not as pronounced. The monthly variation in 1-hour maximum concentrations, however, displays a more pronounced seasonality than the corresponding average concentrations, especially in sites outside Los Angeles County.

Many, but not all, sites in the basin have historically exceeded the annual 1-hour standard of 40 mg/m$^3$. Table 4-7 presents the annual maximum 1-hour value during 1963-1972, monitored at the selected sites throughout the area. Downtown Los Angeles, West Los Angeles, and Burbank have recently dropped below the standard; Reseda dropped below the standard in 1972. The Lennox site, which has historically experienced some of the highest

Table 4-7. ANNUAL MAXIMUM 1-HOUR CARBON MONOXIDE VALUES IN THE LOS ANGELES AIR BASIN, 1963 - 1972 (mg/m$^3$)

| | Year | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Location | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 |
| Anaheim | 30 | 25 | 37 | 40 | 35 | 32 | 62[a] | 23 | 28[a] | 39 |
| Azusa | 31 | 29 | 23 | 22 | 24 | 23 | 22 | 18 | 23 | 16 |
| Burbank | 78 | 43 | 46 | 46 | 48 | 53 | 62 | 53 | 37 | 35 |
| Lennox | | | 68 | 58 | 59 | 62 | 75 | 55 | 56 | 45 |
| Long Beach | 43 | 40 | 39 | 38 | 40 | 38 | 43 | 51 | 47 | 28 |
| Los Angeles (Downtown) | 48 | 54 | 44 | 41 | 46 | 53 | 45 | 43 | 35 | 39 |
| Los Angeles (West Los Angeles) | 51 | 52 | 60 | 52 | 51 | 46 | 48 | 38 | 39 | 25 |
| Pomona | | | 29[a] | 35 | 26 | 25 | 31 | 33 | 26 | 25 |
| Redlands | | | | | 26[a] | 29 | 23 | 22 | 21 | 23 |
| Reseda | | | 51 | 51 | 48 | 47 | 52 | 62 | 43 | 39 |
| Riverside | 20[a] | 18 | 28 | 25 | 25 | 26 | 28[a] | 35[a] | 35 | 29 |
| San Bernardino | 24 | 28 | 40 | 38 | 31 | 30 | 25 | 23 | 21 | 20 |

[a]Denotes incomplete annual coverage.

1-hour concentrations, has shown little change in this parameter and is the only site still above the 1-hour standard. All remaining sites, which are situated inland to the east, have not historically had a problem with levels exceeding the 1-hour standard and are all currently in compliance.

4.4.3.2. Nitrogen Dioxide Trends in Los Angeles

Although the general trend for average $NO_2$ levels in the Los Angeles area was indicated as being upward, there is a mixture of patterns within the region. The Anaheim, Lennox, and Long Beach sites experienced a slight rise from levels in the mid-1960's, but have been relatively stable since the late 1960's. It may be seen in Figure 4-10 that these three sites are in the same general geographical area. While discussing the general trend, it should be noted that the Redlands, Riverside, and San Bernardino sites are not complete for all years, and thus trend determination for this geographical grouping is not that definite. Despite the leveling-off phenomenon exhibited by some sites, the Azusa, Reseda, and West Los Angeles sites show a consistent increase since approximately 1965. In contrast, the downtown Los Angeles site shows an overall increase with a slight decline during the late 1960's, but a marked increase during 1970-1971.

4.4.3.3. Oxidant Trends in Los Angeles

As indicated previously, the general trend in oxidant levels in the Los Angeles area has been downward since the late 1960's. This area has been the subject of numerous studies, and the California Air Resources Board has recently published a report discussing these trends over the past 10 years. A variety of parameters can be used in presenting oxidant data. The ones chosen for this report are the maximum hourly value for each month and the number of times the national 1-hour standard was exceeded on an annual basis. Although these parameters afford convenient summaries, it is important to realize that meteorology is a critical component in determining the overall trend. Thus it is possible that an apparent downward oxidant trend is the result of a temporary favorable shift in meteorological conditions rather than of control actions.

Although not discussed explicitly in this report, there have been studies incorporating the role of meteorology, and these studies have substantiated the general pattern of improvement.

Oxidants have pronounced diurnal and seasonal patterns, as may be seen in Tables 4-8 and 4-9, which summarize the number of hours the national standard was exceeded by month and time of day for the downtown Los Angeles and the Riverside sites for 1971. The diurnal pattern is readily apparent, and the marginal totals indicate the seasonality. These tables also indicate the spatial variation within a region with respect to the magnitude of the problem. The Riverside site exceeds the national standard with much greater frequency than the downtown Los Angeles site. Thus, even though oxidant is an area-wide pollutant, there can be considerable spatial variability within a limited geographical region.

This variability is also exhibited in the varying trend patterns. Whereas sites in the western and southern portions of this region show marked improvement since the late 1960's, the sites in the northeastern section have not shown as clear a shift.

Table 4-10 indicates the number of times the national standard was exceeded at each site on an annual basis. Since the national standard may be exceeded only once per year, this table shows that, despite the marked improvement, the oxidant problem in this region is still serious.

### 4.4.4. New Jersey

This section discusses trends in carbon monoxide, nitrogen dioxide, and oxidant at three locations in New Jersey: Bayonne, Camden, and Newark, indicated in Figure 4-11. Although all three sites are operated by the state of New Jersey, they represent two different Air Quality Control Regions. The Camden site is in the Metropolitan Philadelphia AQCR; the other two are in the New York City AQCR. The comments regarding spatial variability in the Los Angeles area indicate the dangers inherent in using one or two sites to determine trends

Table 4-8. NUMBER OF HOURS ABOVE OXIDANT STANDARD BY MONTH AND TIME OF DAY AT DOWNTOWN LOS ANGELES STATION, 1971

| | Time | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A.M. | | | | | | | | | | | | P.M. | | | | | | | | | | | | | Total by month |
| | 12 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
| January | | | | | | | | | | | | | 1 | 2 | 2 | 3 | | | | | | | | | 8 |
| February | | | | | | | | | | | | 1 | 4 | 4 | 4 | 3 | | | | | | | | | 16 |
| March | | | | | | | | | | 1 | 1 | 1 | 3 | 3 | 2 | 1 | | | | | | | | | 12 |
| April | | | | | | | | | | | 4 | 6 | 8 | 8 | 7 | 7 | 3 | 1 | | | | | | | 44 |
| May | | | | | | | | | | | | 3 | 4 | 4 | 3 | 1 | 1 | | | | | | | | 16 |
| June | | | | | | | | | 1 | 2 | 9 | 9 | 12 | 12 | 11 | 6 | 2 | 1 | | | | | | | 65 |
| July | | | | | | | | | | 2 | 13 | 19 | 18 | 15 | 11 | 4 | | 1 | | | | | | | 83 |
| August | | | | | | | | | | 2 | 8 | 17 | 16 | 16 | 7 | 3 | 1 | | | | | | | | 70 |
| September | | | | | | | | | | 3 | 6 | 10 | 10 | 10 | 6 | 1 | | | | | | | | | 46 |
| October | | | | | | | | | | | 2 | 7 | 5 | 9 | 6 | 2 | | | | | | | | | 31 |
| November | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | 2 |
| December | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| Total by hour | | | | | | | | | 1 | 10 | 43 | 73 | 82 | 84 | 59 | 31 | 7 | 3 | | | | | | | 393 |

NOTE: No. of times standard exceeded:

| | |
|---|---|
| <20 | 0 |
| 11 - 20 | 11 |
| 6 - 10 | 18 |
| 1 - 5 | 42 |

Table 4-9. NUMBER OF HOURS ABOVE OXIDANT STANDARD BY MONTH AND TIME OF DAY AT THE RIVERSIDE STATION, 1971

| | Time | | | | | | | | | | | | | | | | | | | | | | | | Total by month |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A.M. | | | | | | | | | | | | P.M. | | | | | | | | | | | | |
| | 12 M | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 N | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
| January | | | | | | | | | | | | | 1 | 5 | 8 | 8 | 6 | 6 | 1 | | | | | | 35 |
| February | | | | | | | | | | | | 2 | 7 | 7 | 9 | 14 | 10 | 6 | 3 | | | | | | 58 |
| March | 1 | 1 | | | | | | | | 2 | 3 | 9 | 10 | 14 | 16 | 15 | 13 | 13 | 8 | | | | | | 105 |
| April | | | | | | | | | | 4 | 7 | 8 | 9 | 13 | 13 | 13 | 8 | 6 | 2 | 1 | | | | | 84 |
| May | | | | | | | | | | 5 | 7 | 12 | 15 | 14 | 14 | 12 | 12 | 9 | 5 | 2 | | | | | 107 |
| June | | | | | | | | 1 | 6 | 13 | 21 | 22 | 24 | 25 | 25 | 24 | 24 | 19 | 13 | 11 | 4 | 2 | | | 234 |
| July | | | | | | | | | | 15 | 26 | 27 | 30 | 30 | 31 | 31 | 30 | 23 | 17 | 7 | | | | | 267 |
| August | | | | | | | | | 4 | 14 | 27 | 31 | 31 | 31 | 31 | 31 | 27 | 21 | 18 | 8 | 3 | | | | 277 |
| September | | | | | | | | | 4 | 13 | 18 | 23 | 26 | 25 | 27 | 25 | 26 | 24 | 13 | 7 | 2 | 1 | 1 | 1 | 236 |
| October | | | | | | | | | | 1 | 6 | 7 | 8 | 8 | 10 | 14 | 11 | 11 | 6 | 1 | 1 | | | | 84 |
| November | | | | | | | | | | | | 2 | 6 | 7 | 7 | 11 | 5 | 1 | | | | | | | 39 |
| December | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| Total by hour | 1 | 1 | | | | | | 1 | 14 | 67 | 115 | 143 | 167 | 179 | 191 | 198 | 172 | 139 | 86 | 37 | 10 | 3 | 1 | 1 | 1526 |

NOTE: No. of times standard exceeded:

| | |
|---|---|
| >20 | 30 |
| 11 - 20 | 30 |
| 6 - 10 | 32 |
| 1 - 5 | 31 |

Table 4-10. NUMBER OF TIMES NATIONAL OXIDANT STANDARD WAS EXCEEDED AT LOS ANGELES COUNTY SITES, 1963 - 1972

| Location | Year | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 |
| Anaheim | 402 | 365 | 896 | 720 | 685 | 575 | 560 | 370 | 226 | 249 |
| Azusa | 1190 | 1349 | 1520 | 1636 | 1537 | 1397 | 1361 | 1531 | 1227 | 1082 |
| Burbank | 641 | 645 | 1176 | 1199 | 1344 | | | 1052 | 808 | 701 |
| Lennox | | | 272 | 209 | 265 | 171 | 180 | 132 | 100 | 32 |
| Long Beach | 121 | 157 | 202 | 190 | 131 | 62 | 72 | 53 | 78 | 30 |
| Los Angeles (Downtown) | 921 | 896 | 986 | 1163 | 896 | 768 | 703 | 602 | 393 | 516 |
| Los Angeles (W. Los Angeles) | 741 | 547 | 762 | 714 | 848 | 650 | 624 | 447 | 235 | 176 |
| Pomona | | | 882[a] | 1376 | 1322 | | | 1152 | 760 | 775 |
| Redlands | | | | | 27[a] | 1015 | 848 | 1111 | 942 | 834 |
| Reseda | | | 1094 | 1486 | 1369 | 1098 | 1284 | 1119 | 908 | 753 |
| Riverside | 1432 | 1551 | 1246 | 1244 | 1666 | 397[a] | | | 1526 | 1000[a] |
| San Bernardino | 1155 | 1222 | 1065 | 1262 | 1217 | 1009 | | 1206 | 1025 | 691 |

[a]Denotes incomplete annual coverage.

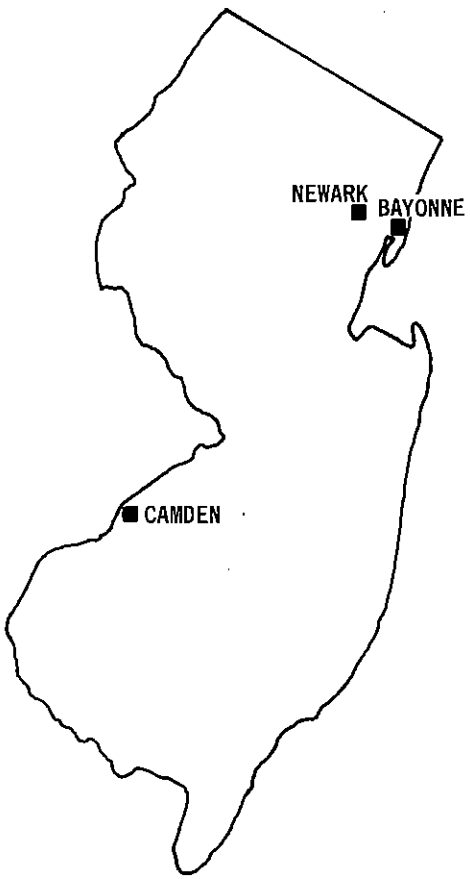


Figure 4-11. Location of air monitoring sites in New Jersey.

and status for an entire AQCR. Nevertheless, the discussion of these sites serves to complement the previous treatment of the Los Angeles sites.

As with the Los Angeles sites, the Bayonne and Newark sites showed a decline in the late 1960's in average carbon monoxide concentration. The Camden site showed an upward trend in the early 1970's but there are no data prior to 1968 from which to determine the pattern in the late 1960's. The average nitrogen dioxide levels at all three sites have shown a slight decline during this period and there has also been a marked decline in oxidant levels.

4.4.4.1. Carbon Monoxide Trends in New Jersey

Trends in carbon monoxide in the state of New Jersey are examined for the period 1966 through 1972. Table 4-11 presents the annual frequency of daily excursions above the 8-hour standard. Changes in average CO concentrations depicted in Figure 4-10 generally correspond to the frequency of excursions.

Table 4-11. ANNUAL FREQUENCY OF DAILY EXCURSIONS ABOVE THE 8-HOUR CARBON MONOXIDE STANDARD OF 10 $mg/m^3$ AT THE NEW JERSEY SITES (percent)

| | Year | | | | | | |
|---|---|---|---|---|---|---|---|
| Location | 66 | 67 | 68 | 69 | 70 | 71 | 72 |
| Bayonne | 3[a] | 2 | a;b | 1 | 0 | b | 0 |
| Newark | 90 | 84 | 40 | 14 | 28 | 20 | 22 |
| Camden | | | 2 | 2 | 4 | 4 | 7 |

[a]Denotes incomplete annual coverage.

[b]Less than 0.5 percent.

Both parameters have substantially declined from 1966-1968 at the N.J.-N.Y.-Conn. AQCR sites in Newark and Bayonne, and have since remained fairly stable. Although the Newark site has experienced concentrations twice that of the Bayonne location, each site has displayed a similar pattern. On the other hand, the Metropolitan Philadelphia AQCR site at Camden has displayed a slight increase in average CO and a corresponding increase in the frequency of 8-hour excursions since 1968. The validity of this apparent upward trend can not really be assessed because pre-1968 data were unavailable.

Maximum 1-hour concentrations at all three locations have been below the 1-hour standard of 40 $mg/m^3$ in recent years, as indicated in Table 4-12. A decrease in the magnitude of annual 1-hour concentrations has been observed at the sites in Newark and Bayonne.

4.4.4.2. Nitrogen Dioxide Trends in New Jersey

While all three sites show a slight long-term downward trend, the 1971-1972 data indicate a stabilization, and any trend determination appears marginal. Average levels at all three sites are closely comparable; the Newark site is slightly above the annual standard, and the Bayonne site is slightly below the standard, and the Camden site is still lower.

4.4.4.3. Oxidant Trends in New Jersey

While the general decline in oxidant levels at all three sites is seen in comparing the maximum hourly values on a monthly basis, the extent of the decline is even more apparent when considering the number of times the national standard was exceeded. Figure 4-12 summarizes these results by time of day, and it is apparent that the improvement in air quality with respect to oxidants is uniform throughout the entire diurnal pattern.

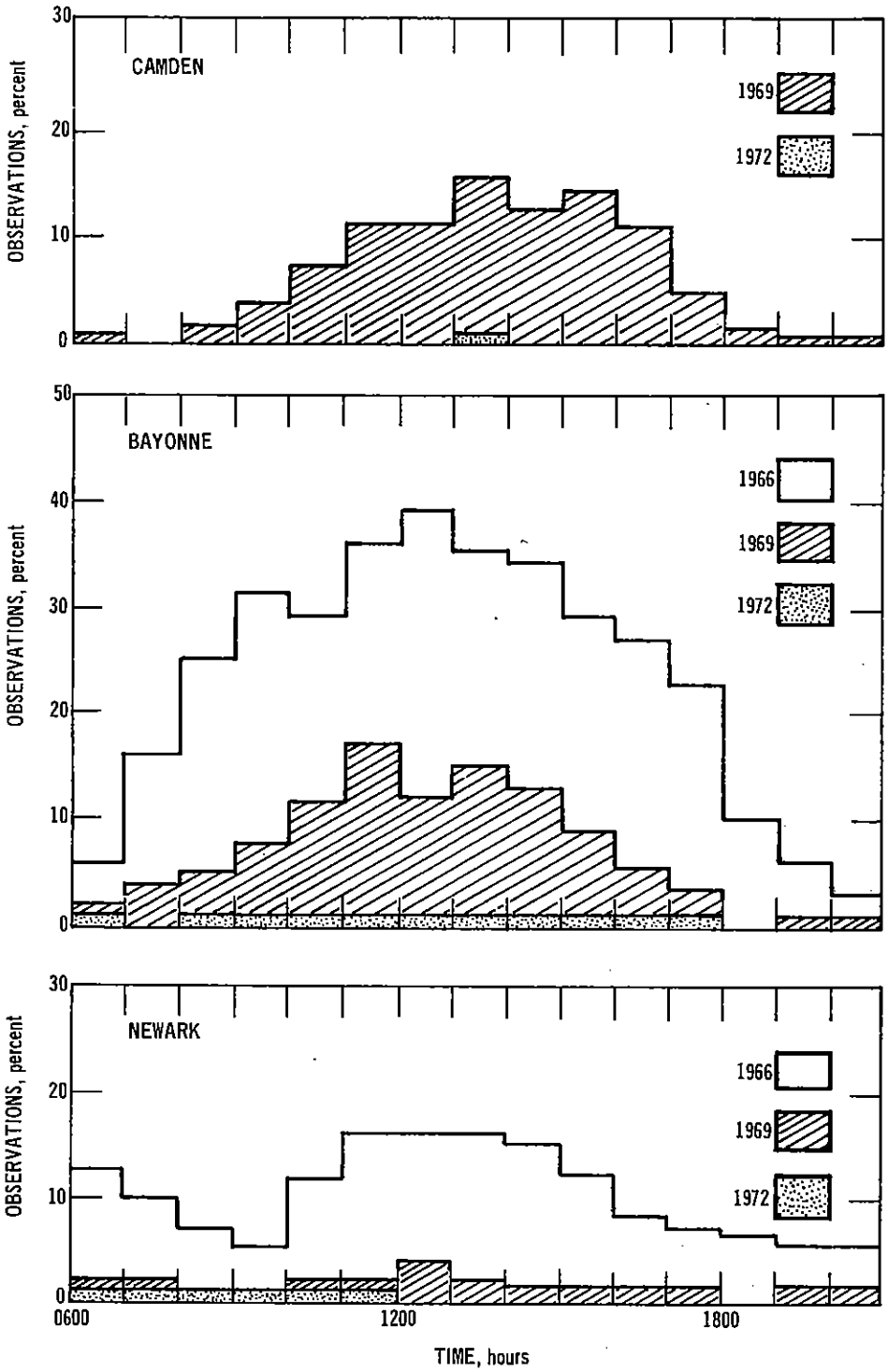


Figure 4-12. Percent of observations above primary oxidant standard by hour (May-October) at Camden Station between 1964 and 1972, and at Bayonne and Newark stations between 1966 and 1972.

Table 4-12. ANNUAL MAXIMUM 1-HOUR CARBON MONOXIDE VALUES IN NEW JERSEY, 1966 - 1972 ($mg/m^3$)

| Location | Year | | | | | | |
|---|---|---|---|---|---|---|---|
| | 66 | 67 | 68 | 69 | 70 | 71 | 72 |
| Bayonne | 20[a] | 18 | 15 | 26 | 11 | 18 | 12 |
| Newark | 58 | 43 | 31[a] | 56 | 35 | 34 | 35 |
| Camden | | | 18 | 52 | 35 | 34 | 32 |

[a]Denotes incomplete annual coverage.

### 4.4.5. Comparison of Trends with Average Highway Emission Factors for Highway Vehicles

Average emission factors for highway vehicles are given in Table 4-13. These factors were calculated by year based on statistical data for the United States.[10] Because the majority of highway vehicle emissions are produced by gasoline-powered light-duty vehicles, these are the only vehicles considered.

In examining Table 4-13, the trend in emission factors is down for carbon monoxide and hydrocarbons, whereas the trend in nitrogen oxide emission factors is increasing from 1965 through 1971 and constant from 1971 through 1973. The downward trends in oxidant in both Los Angeles and New Jersey correspond to the downward trends in the emission factors for hydrocarbons, the oxidant precursor. Finally, the trend in nitrogen dioxide is generally increasing in the Los Angeles region, but demonstrates stability in New Jersey, making any trend determination there marginal.

In summary, the trends in carbon monoxide, oxidants, and nitrogen oxides correspond to the trends in their associated emissions, demonstrating the success of the emission control strategy for mobile sources.

Table 4-13. AVERAGE EMISSION FACTORS FOR HIGHWAY VEHICLES BASED ON NATIONWIDE STATISTICS[a]

| Year | Carbon monoxide | | Hydrocarbons | | | | Nitrogen oxides ($NO_X$ as $NO_2$) | |
|---|---|---|---|---|---|---|---|---|
| | | | Exhaust | | Crankcase and evaporation | | | |
| | g/mi | g/km | g/mi | g/km | g/mi | g/km | g/mi | g/km |
| 1965 | 89 | 55 | 9.2 | 5.7 | 5.8 | 3.6 | 4.8 | 3.0 |
| 1970 | 78 | 48 | 7.8 | 4.8 | 3.9 | 2.4 | 5.3 | 3.3 |
| 1971 | 74 | 46 | 7.2 | 4.5 | 3.5 | 2.2 | 5.4 | 3.4 |
| 1972 | 68 | 42 | 6.6 | 4.1 | 2.9 | 1.8 | 5.4 | 3.4 |
| 1973 | 62 | 39 | 6.1 | 3.8 | 2.4 | 1.5 | 5.4 | 3.4 |

[a]Compilation of Air Pollutant Emission Factors, Second Edition, AP-42, U.S. Environmental Protection Agency, Research Triangle Park, N.C., 1973.

## 4.5. REFERENCES


1. The National Air Monitoring Program: Air Quality and Emissions Trends Annual Report, Publication No. EPA-450/1-73-001a, U.S. Environmental Protection Agency, Research Triangle Park, N.C., 1973.

2. Health Consequences of Sulfur Oxide: A Report from CHESS, 1970-1971. U.S. Environmental Protection Agency, Research Triangle Park, N.C. (in preparation).

3. Amdur, M.O. and M. Corn. The Irritant Potency of Zinc Ammonium Sulfate of Different Particle Sizes, Amer. Ind. Hyg. Assoc. J. 24: 326-333, July-August 1963.

4. Air Quality Data, 1963, U.S. Department of Health, Education and Welfare, USPHS, Cincinnati, Ohio, 1965.

5. Altshuller, A.P. Atmospheric Sulfur Dioxide and Sulfate, Distribution of Concentrations at Urban and Nonurban Sites in the United States, Environmental Science and Technology, 1973.

6. National Air Quality Levels and Trends in Total Suspended Particulates and Sulfur Dioxide Determined by Data in the National Air Surveillance Network, 1973.

7. Nationwide Air Pollutant Emission Trends 1940-1970, U.S. Environmental Protection Agency, Research Triangle Park, N.C., 1973.

8. Lee, R.E. and J. Wagman. A Sampling Anomaly in the Determination of Atmospheric Sulfate Concentrations, Amer. Ind. Hyg. Assoc. J. Volume 27, 1966.

9. Spirtas, R. and H.J. Levin. Patterns and Trends in Levels of Suspended Particulate Matter at 73 NASN Sites from 1957 through 1966. Presented at 62nd Annual Meeting, APCA, New York, N.Y., 1969.

10. Compilation of Air Pollutant Emission Factors, Publication No. AP-42, Second Edition, U.S. Environmental Protection Agency, Research Triangle Park, N.C., 1973.

# APPENDIX. SUMMARY OF DATA FROM AIR QUALITY MONITORING STATIONS BY AQCR, 1972

These listings of selected statistics from individual stations within each AQCR, for each pollutant method, complement the national and regional tables presented in the main report. Tables in this appendix include quantitative information on the measurements acquired at each station and shouldi be useful in assessing the degree to which a standard has been met.

Data collected by different instrument methods are listed separately because the degree of comparability has not been strictly defined. Reference methods are identified.

Data collected by different agencies are identified by the last three characters (the agency/project code) in the station identification code. The letter A identifies a station as Federally supported (although many have been operated by local personnel). An F identifies a State agency station, G a county agency, H a city agency, I a district agency, etc. (see APTD-0633, SAROAD Users Manual). The code 01 identifies an urban or population-oriented station, 02 identifies a source-oriented station, 03 identifies a nonurban or rural background station, 10 identifies a CAMP station.

Only stations that have at least one quarter's valid data on record in the data bank appear in these tables. Annual summary statistics are displayed only for those stations that have records including four valid quarters.

For 24-hour integrating samplers (e.g., hi-vols, bubblers), a valid quarter's record consists of at least five sample measurements representatively distributed among the months of that quarter. Distributions of measurements that show no samples in 2 months of a quarter, or that show no samples in 1 month and only 1 sample in another month are judged unacceptable for calculating representative estimates of means and ranges. For continuous instruments, at least 75 percent of the possible hourly values must be present in a quarter to calculate valid summaries.

Since all four quarters must be valid to support representative or valid annual summary statistics, there must be a minimum of 20 measurements derived from a 24-hour integrating method. Because such samples are nearly always collected on a carefully defined schedule, meteorological and day-of-the-week biases tend to average out over a year's time.

Validity requirements are imposed to provide a basic statistical reliability to assessments of data with respect to NAAQS. Where annual summary statistics are included with a station's summary, the data can be considered representative for comparison with both annual and short-term standards. If the data are too fragmentary to support annual statistics, but at least one quarter's record is valid, these data are summarized where short-term standards apply. If a station with an incomplete annual record reports values exceeding a short-term standard, that information is useful. If such a partial data record includes no values exceeding a short-term standard, the result must be considered inconclusive.

In addition to a representative amount of data from an individual station, a minimum number of stations is needed to provide a representative picture of the spatial variation in diverse sectors of an Air Quality Control Region. A table recommending a minimum number of stations for each AQCR has been presented in a previous report.[1] Even if all station measurements in an AQCR meet the standards for a pollutant, the resulting data must be considered inconclusive if the number of valid stations is less than that recommended for representative coverage.

## A.1. SUSPENDED PARTICULATE MATTER

At present, there is only one generally accepted method for the measurement of suspended particulate matter, i.e., gravimetric analysis of the net weight of material collected on a 20- by 25-centimeter (8- by 10-inch) fiberglass filter through which approximately 2200 cubic meters of air have been drawn over a 24-hour period by a high-volume sampler.

The hi-vol stations in this table are listed in the first column by Air Quality Control Region. If a region encompasses parts of more than one state, the stations are sorted according to State areas within that region. On the same line as each region's number and name is the current Priority Classification for the particular pollutant.

Each line in the body of the table includes the station code and name as well as the year being summarized and the number of valid values reported.

The next two columns show the number, if any, of daily values exceeding the 24-hour standards, both secondary (150 $\mu g/m^3$) and primary (260 $\mu g/m^3$). To provide a quantitative measure of the upper end of the sample distribution, the first and second highest 24-hour values are listed in the next two columns. From these values, one can understand either the degree to which a 24-hour standard has been exceeded or the margin by which it has been met.

The final three columns pertain to the annual geometric mean, showing its ratio to the secondary (60 $\mu g/m^3$) and primary (75 $\mu g/m^3$) annual standards in addition to the annual geometric mean itself.

Stations appearing in this listing, but showing no entries in the three annual summary columns, have valid data for at least one quarter on record, but do not meet the yearly validity criteria.

## A.2. SULFUR DIOXIDE

The stations reporting 24-hour bubbler data for sulfur dioxide are listed by Air Quality Control Region in Table A-2. After each AQCR code and name is the AQCR Priority Classification. Each line under the AQCR name contains a station code and station name, followed by the year being summarized and the number of valid values reported. The next column shows the number of values that exceeded the primary (365 $\mu g/m^3$) 24-hour standard. The next two columns list the first and second highest 24-hour values in order to provide quantitative measure of the upper end of the distribution of measurements. The final two columns pertain to the annual mean, showing the ratios of the mean to the primary (80 $\mu g/m^3$) annual standards, in addition to the value of the annual arithmetic mean for that station.

Stations appearing in Table A-2, but showing an asterisk in the annual summary column, have valid data for at least one quarter, but do not meet the annual validity criteria.

The format in Tables A-3, A-4, and A-5 is identical. Following each AQCR code and name are the AQCR Priority Classification and the list of stations in the AQCR, by State if it is an interstate region. Beside each station name is the year being summarized and the number of valid hourly values reported. The next column displays the number of 24-hour average values that exceeded the primary (365 $\mu g/m^3$) 24-hour standard. The next column contains the highest 24-hour average values (midnight to midnight). The next column provides the number of 3-hour averages that exceeded the 3-hour standard (1300 $\mu g/m^3$).

The final two columns pertain to the annual mean, first presenting the ratios of the mean primary (80 $\mu g/m^3$) annual standard, in addition to the value of the annual arithmetic mean for that station.

Stations appearing in these three tables, but showing an asterisk in the annual summary columns, have valid data for at least one quarter, but do not meet the annual validity criteria.

## A.3. CARBON MONOXIDE

Table A-6 summarizes hourly data for carbon monoxide measured by the non-dispersive infrared (NDIR) method. Following each station code and name are the year for which the data are reported, the number of valid hourly values reported, and the number of values exceeding the 1-hour and 8-hour standards. (Note: the 8-hour standard is applied to running 8-hour averages; i.e., after calculating the average for the first 8 hours, the first hour is dropped and the ninth hour is added, etc.)

The next two columns list concentrations, in milligrams per cubic meter and the 99th percentile of 1-hour values, which gives some perspective to the distribution of values in the upper range. The first and second highest 1-hour values and the highest 8-hour value define the upper extreme of the distribution. (The second highest 8-hour value will be included in future reports.) The final column contains the annual arithmetic mean if valid data have been reported for 75 percent of the hours in the year.

## A.4. OXIDANTS

Measurements of total oxidants are reported separately in Tables A-7, A-8, A-9, and A-10 for each instrument method because the comparability of the results has not been strictly defined. The format of the four tables is identical.

Each AQCR listing begins with the AQCR code, name, and priority classification. Subsequent lines contain a station code and name. The next two columns show the year being summarized and the number of valid 1-hour values reported. The next column contains the number of 1-hour values exceeding the standard (160 $\mu g/m^3$), and the next two columns list the first and second highest 1-hour values. The final column lists the 99th percentile of 1-hour values, which gives some perspective to the distribution of values in the upper range.

## A.5. REFERENCES


1. The National Air Monitoring Program: Air Quality and Emissions Trends-Annual Report. U.S. Environmental Protection Agency, Research Triangle Park, N.C. Publication Numbers EPA-450/1-73-001a (Vol. I) and EPA-450/1-73-001b (Vol. II). August 1973.

2. Federal Register, Vol. 36, No. 84, April 30, 1971, National Primary and Secondary Ambient Air Quality Standards.

3. Federal Register, Vol. 36, No. 84, August 14, 1971, Requirements for Preparation, Adoption and Submittal of Implementation Plans.

# Table A-1. DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 001 ALABAMA AND TOMBIGBEE RIVERS(ALA) | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| ALABAMA | 01 | 0720001 | F01 | CLARKE COUNTY | 72 | 50 | | | 68 | 67 | .63 | .50 | 38 |
| ALABAMA | 01 | 1060001 | F01 | DEMOPOLIS | 72 | 27 | 1 | | 199 | 130 | - | - | |
| ALABAMA | 01 | 1260001 | F01 | EVERGREEN | 72 | 52 | | | 67 | 63 | .46 | .37 | 28 |
| ALABAMA | 01 | 3020001 | F01 | SELMA | 72 | 55 | | | 104 | 93 | .80 | .64 | 49 |
| 002 COLUMBUS-PHENIX CITY (ALA-GA) | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| ALABAMA | 01 | 2460001 | A01 | MONTGOMERY | 72 | 30 | | | 107 | 105 | .88 | .70 | 53 |
| ALABAMA | 01 | 2460002 | F01 | MONTGOMERY | 72 | 51 | | | 150 | 141 | - | - | |
| ALABAMA | 01 | 2460003 | F01 | MONTGOMERY | 72 | 50 | 18 | | 258 | 226 | 1.61 | 1.29 | 97 |
| ALABAMA | 01 | 2460006 | F01 | MONTGOMERY | 72 | 22 | | | 67 | 64 | - | - | |
| ALABAMA | 01 | 2740001 | F01 | PHENIX CITY | 72 | 50 | | | 122 | 122 | 1.15 | .92 | 69 |
| ALABAMA | 01 | 3240001 | F01 | TROY | 72 | 49 | | | 97 | 81 | .76 | .61 | 46 |
| GEORGIA | 11 | 1280001 | A01 | COLUMBUS | 72 | 36 | | | 128 | 101 | .83 | .66 | 50 |
| GEORGIA | 11 | 1280001 | F01 | COLUMBUS | 72 | 29 | | | 91 | 84 | - | - | |
| 003 EAST ALABAMA | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| ALABAMA | 01 | 0120001 | F01 | ANNISTON | 72 | 39 | | | 132 | 130 | - | | |
| ALABAMA | 01 | 1480001 | A01 | GADSDEN | 72 | 30 | 2 | | 166 | 159 | 1.26 | 1.01 | 76 |
| ALABAMA | 01 | 1480002 | F01 | GADSDEN | 72 | 56 | 3 | | 180 | 179 | .80 | .64 | 48 |
| ALABAMA | 01 | 1480003 | F01 | GADSDEN | 72 | 55 | 32 | 15 | 856 | 840 | 2.91 | 2.33 | 175 |
| ALABAMA | 01 | 3100001 | F01 | SYLACAUGA | 72 | 51 | | | 123 | 120 | .96 | .77 | 58 |
| ALABAMA | 01 | 3120001 | F01 | TALLADEGA | 72 | 52 | 3 | | 179 | 172 | 1.43 | 1.14 | 86 |
| 004 METROPOLITAN BIRMINGHAM (ALA) | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| ALABAMA | 01 | 0340001 | G01 | BESSEMER | 72 | 186 | 54 | 4 | 337 | 335 | 1.98 | 1.58 | 119 |
| ALABAMA | 01 | 0380003 | A01 | BIRMINGHAM | 72 | 30 | 3 | 1 | 297 | 204 | 1.50 | 1.20 | 90 |
| ALABAMA | 01 | 0380003 | G01 | BIRMINGHAM | 72 | 9 | 1 | | 182 | 149 | - | - | |
| ALABAMA | 01 | 0380005 | G01 | BIRMINGHAM | 72 | 274 | 188 | 62 | 536 | 501 | 3.03 | 2.42 | 182 |
| ALABAMA | 01 | 0380009 | G01 | BIRMINGHAM | 72 | 221 | 109 | 20 | 411 | 404 | - | - | |
| ALABAMA | 01 | 0380010 | G01 | BIRMINGHAM | 72 | 204 | 69 | 8 | 385 | 379 | 2.01 | 1.61 | 121 |
| ALABAMA | 01 | 0380011 | G01 | BIRMINGHAM | 72 | 121 | 31 | 1 | 275 | 224 | - | - | |
| ALABAMA | 01 | 0380012 | G01 | BIRMINGHAM | 72 | 122 | 39 | 5 | 328 | 321 | - | - | |
| ALABAMA | 01 | 0700001 | F01 | CLANTON | 72 | 57 | | | 111 | 107 | .71 | .57 | 43 |
| ALABAMA | 01 | 1300003 | G01 | FAIRFIELD | 72 | 253 | 73 | 2 | 347 | 273 | - | - | |
| ALABAMA | 01 | 1880002 | G01 | IRONDALE | 72 | 27 | 5 | | 254 | 188 | - | - | |
| ALABAMA | 01 | 1960001 | F01 | JASPER | 72 | 53 | 5 | | 249 | 220 | 1.50 | 1.20 | 90 |
| ALABAMA | 01 | 2140003 | G01 | LEEDS | 72 | 87 | 33 | 6 | 451 | 369 | - | - | |
| ALABAMA | 01 | 2540001 | G01 | MOUNTAIN BROOK | 72 | 166 | 1 | | 183 | 143 | - | - | |
| ALABAMA | 01 | 2600001 | F01 | ONEONTA | 72 | 47 | 6 | | 202 | 180 | 1.18 | .94 | 71 |
| ALABAMA | 01 | 2700001 | F01 | PELL CITY | 72 | 53 | | | 139 | 120 | .88 | .70 | 53 |
| ALABAMA | 01 | 3060002 | F01 | SHELBY COUNTY | 72 | 44 | | | 145 | 132 | - | - | |
| ALABAMA | 01 | 3200001 | G01 | TARRANT CITY | 72 | 185 | 84 | 13 | 400 | 362 | 2.30 | 1.84 | 138 |
| ALABAMA | 01 | 3280001 | F01 | TUSCALOOSA | 72 | 11 | | | 126 | 106 | - | - | |
| ALABAMA | 01 | 3280002 | F01 | TUSCALOOSA | 72 | 45 | 2 | | 161 | 160 | - | - | |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 005 MOBILE-PENSACOLA-PANAMA CITY-S.MISS.(ALA-FLA-MISS) | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| ALABAMA | 01 | 0440001 | F01 | BREWTON | 72 | 52 | | | 88 | 85 | .73 | .58 | 44 |
| ALABAMA | 01 | 2380001 | A01 | MOBILE | 72 | 22 | 5 | | 219 | 192 | 1.76 | 1.41 | 106 |
| ALABAMA | 01 | 2380001 | G01 | MOBILE ALA | 72 | 29 | 7 | 1 | 357 | 248 | | | |
| ALABAMA | 01 | 2390002 | G01 | MOBILE ALA | 72 | 57 | 19 | 1 | 267 | 256 | 1.70 | 1.36 | 102 |
| ALABAMA | 01 | 2400006 | G01 | MOBILE COUNTY | 72 | 58 | 24 | 6 | 498 | 388 | 2.33 | 1.86 | 140 |
| ALABAMA | 01 | 2400013 | G01 | MOBILE COUNTY | 72 | 25 | | | 142 | 125 | | | |
| ALABAMA | 01 | 2400017 | G01 | MOBILE COUNTY | 72 | 27 | 1 | | 151 | 126 | | | |
| ALABAMA | 01 | 2980001 | G01 | SARALAND WELL ALA | 72 | 28 | 1 | | 155 | 124 | | | |
| MISSISSIPPI | 25 | 1280001 | A03 | JACKSON COUNTY | 72 | 28 | | | 85 | 69 | .60 | .48 | 36 |
| 006 SOUTHEAST ALABAMA | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| ALABAMA | 01 | 0100001 | F01 | ANDALUSIA | 72 | 37 | | | 118 | 91 | .91 | .73 | 55 |
| ALABAMA | 01 | 1080001 | F01 | DOTHAN | 72 | 56 | 2 | 1 | 275 | 187 | 1.21 | .97 | 73 |
| 007 TENN. RIVER VALLEY-CUMBERLAND MTS (ALA-TENN) | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| ALABAMA | 01 | 0920001 | F01 | CULLMAN | 72 | 51 | 9 | 1 | 287 | 244 | 1.43 | 1.14 | 86 |
| ALABAMA | 01 | 1400001 | F01 | FLORENCE | 72 | 55 | 7 | 2 | 372 | 309 | 1.46 | 1.17 | 98 |
| ALABAMA | 01 | 1440001 | F01 | FORT PAYNE | 72 | 44 | | | 127 | 119 | .91 | .73 | 55 |
| ALABAMA | 01 | 1680001 | F01 | GUNTERSVILLE | 72 | 57 | | | 128 | 126 | .90 | .72 | 54 |
| ALABAMA | 01 | 1860001 | A01 | HUNTSVILLE | 72 | 28 | | | 132 | 126 | 1.05 | .84 | 63 |
| ALABAMA | 01 | 1860002 | H01 | HUNTSVILLE, | 72 | 81 | 7 | 3 | 370 | 341 | .88 | .70 | 53 |
| ALABAMA | 01 | 1860003 | H01 | HUNTSVILLE | 72 | 216 | | | 130 | 124 | .95 | .76 | 57 |
| ALABAMA | 01 | 1860004 | H01 | HUNTSVILLE | 72 | 81 | | | 135 | 110 | .78 | .62 | 47 |
| ALABAMA | 01 | 1860006 | H01 | HUNTSVILLE | 72 | 69 | | | 90 | 78 | .63 | .50 | 38 |
| ALABAMA | 01 | 3000001 | F01 | SCOTTSBORO | 72 | 51 | | | 109 | 103 | .88 | .70 | 53 |
| ALABAMA | 01 | 3000002 | F01 | SCOTTSBORO | 72 | 48 | 2 | | 248 | 168 | 1.06 | .85 | 64 |
| ALABAMA | 01 | 3000003 | F01 | SCOTTSBORO | 72 | 46 | 4 | | 192 | 188 | 1.75 | 1.40 | 105 |
| ALABAMA | 01 | 3000004 | F01 | SCOTTSBORO | 72 | 38 | 2 | | 224 | 172 | | | |
| ALABAMA | 01 | 3320001 | F01 | TUSCUMBIA | 72 | 38 | 1 | | 182 | 141 | | | |
| TENNESSEE | 44 | 0600001 | F01 | COOKEVILLE | 72 | 46 | | | 120 | 108 | | | |
| TENNESSEE | 44 | 2100001 | F01 | MCMINNVILLE | 72 | 46 | 1 | | 159 | 141 | | | |
| TENNESSEE | 44 | 2220001 | F01 | MARION COUNTY | 72 | 46 | 1 | | 160 | 143 | | | |
| TENNESSEE | 44 | 3440001 | F01 | TULLAHOMA | 72 | 46 | | | 128 | 127 | | | |
| TENNESSEE | 44 | 3440002 | F01 | TULLAHOMA | 72 | 45 | | | 80 | 73 | | | |
| 008 COOK INLET (ALSK) | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| ALASKA | 02 | 0040003 | A01 | ANCHORAGE | 72 | 28 | 6 | 1 | 265 | 222 | 1.25 | 1.00 | 75 |
| ALASKA | 02 | 0040005 | I01 | ANCHORAGE | 72 | 58 | 19 | 8 | 415 | 409 | 1.55 | 1.24 | 93 |
| ALASKA | 02 | 0040006 | I01 | ANCHORAGE | 72 | 59 | 10 | 2 | 423 | 310 | 1.03 | .82 | 62 |
| ALASKA | 02 | 0040009 | I01 | ANCHORAGE | 72 | 39 | 2 | | 221 | 170 | | | |
| ALASKA | 02 | 0040010 | I01 | ANCHORAGE | 72 | 32 | | | 105 | 90 | | | |
| ALASKA | 02 | 0040012 | I01 | ANCHORAGE | 72 | 44 | 12 | 4 | 303 | 288 | | | |
| ALASKA | 02 | 0060003 | I01 | ANCHORAGE DIVISION | 72 | 38 | 20 | 18 | 968 | 765 | | | |
| ALASKA | 02 | 0230001 | I01 | KENAI | 72 | 34 | | | 147 | 106 | .26 | .21 | 16 |
| ALASKA | 02 | 0460002 | I01 | SEWARD DIVISION | 72 | 26 | 1 | | 198 | 98 | | | |

# Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 009 NORTHERN ALASKA | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| ALASKA | 02 | 0160001 | A01 FAIRBANKS | 72 | 25 | 12 | 5 | 899 | 812 | 2.28 | 1.82 | 137 |
| ALASKA | 02 | 0160001 | G01 FAIRBANKS | 72 | 25 | 3 | 1 | 344 | 192 | * | * | |
| ALASKA | 02 | 0160006 | G01 FAIRBANKS | 72 | 29 | 1 | 1 | 284 | 70 | * | * | |
| ALASKA | 02 | 0160009 | G01 FAIRBANKS | 72 | 21 | | | 90 | 65 | * | * | |
| ALASKA | 02 | 0160010 | F01 FAIRBANKS | 72 | 20 | | | 94 | 87 | * | * | |
| 011 SOUTHEASTERN ALASKA | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| ALASKA | 02 | 0200001 | F05 JUNEAU | 72 | 7 | 3 | 1 | 306 | 191 | * | * | |
| ALASKA | 02 | 0200002 | F01 JUNEAU | 72 | 23 | 6 | 2 | 642 | 346 | * | * | |
| ALASKA | 02 | 0600002 | F02 WRANGELL-PETERSBURGH | 72 | 17 | 4 | 1 | 297 | 206 | * | * | |
| 012 ARIZONA-NEW MEXICO SOUTHERN BORDER (ARIZ.-N. MEXIC | | | | | ** PRIORITY 1A ** | | | | | AS OF OCTOBER 06, 1973 | | |
| ARIZONA | 03 | 0160003 | F02 CLIFTON | 72 | 42 | 2 | 2 | 372 | 340 | * | * | |
| ARIZONA | 03 | 0180001 | F02 COCHISE COUNTY | 72 | 22 | 18 | 13 | 721 | 448 | * | | |
| ARIZONA | 03 | 0180002 | F02 COCHISE COUNTY | 72 | 24 | 2 | 1 | 454 | 177 | * | * | |
| 013 CLARK-MOHAVE (ARIZ-NEV) | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| ARIZONA | 03 | 0500006 | F02 MOHAVE COUNTY | 72 | 57 | | | 148 | 136 | .60 | .48 | 36 |
| ARIZONA | 03 | 0500007 | G02 MOHAVE COUNTY | 72 | 50 | 2 | | 188 | 162 | .78 | .62 | 47 |
| ARIZONA | 03 | 0960002 | F01 YUMA | 72 | 56 | 11 | 3 | 447 | 438 | 1.63 | 1.30 | 98 |
| NEVADA | 29 | 0020003 | G01 BOULDER CITY | 72 | 49 | 3 | 1 | 262 | 215 | 1.01 | .81 | 61 |
| NEVADA | 29 | 0080003 | G02 CLARK COUNTY | 72 | 25 | 2 | | 214 | 171 | * | * | |
| NEVADA | 29 | 0080011 | G03 CLARK COUNTY | 72 | 51 | 2 | 1 | 354 | 187 | .58 | .46 | 35 |
| NEVADA | 29 | 0080012 | G01 CLARK COUNTY | 72 | 54 | 2 | | 216 | 171 | .70 | .56 | 42 |
| NEVADA | 29 | 0080013 | G01 CLARK COUNTY | 72 | 35 | 1 | 1 | 309 | 146 | .75 | .60 | 45 |
| NEVADA | 29 | 0260004 | G01 HENDERSON | 72 | 50 | 10 | 2 | 805 | 267 | 1.70 | 1.36 | 102 |
| NEVADA | 29 | 0260005 | G01 HENDERSON | 72 | 49 | 7 | 1 | 345 | 204 | 1.15 | .92 | 69 |
| NEVADA | 29 | 0320001 | A01 LAS VEGAS | 72 | 15 | | | 138 | 112 | * | * | |
| NEVADA | 29 | 0320001 | G01 LAS VEGAS | 72 | 48 | 7 | 1 | 811 | 209 | 1.63 | 1.30 | 98 |
| NEVADA | 29 | 0320004 | G01 LAS VEGAS | 72 | 53 | 9 | 1 | 1,243 | 195 | 1.66 | 1.33 | 100 |
| NEVADA | 29 | 0320005 | G01 LAS VEGAS | 72 | 37 | 2 | 1 | 1,182 | 170 | .95 | .76 | 57 |
| NEVADA | 29 | 0320007 | G01 LAS VEGAS | 72 | 52 | 2 | 1 | 912 | 151 | 1.03 | .82 | 62 |
| NEVADA | 29 | 0320008 | G01 LAS VEGAS | 72 | 36 | 22 | 7 | 367 | 343 | * | * | |
| NEVADA | 29 | 0320009 | G01 LAS VEGAS | 72 | 49 | 2 | | 195 | 152 | 1.46 | 1.17 | 88 |
| NEVADA | 29 | 0320011 | G01 LAS VEGAS | 72 | 51 | 7 | 2 | 978 | 412 | 1.66 | 1.33 | 100 |
| NEVADA | 29 | 0400001 | G01 NORTH LAS VEGAS | 72 | 39 | 19 | 2 | 727 | 261 | 2.33 | 1.86 | 140 |
| NEVADA | 29 | 0400002 | G01 NORTH LAS VEGAS | 72 | 47 | 5 | 1 | 1,216 | 227 | 1.35 | 1.08 | 81 |
| 014 FOUR CORNERS (ARIZ-COLO-N.M.-UTAH) | | | | | ** PRIORITY 1A ** | | | | | AS OF OCTOBER 06, 1973 | | |
| ARIZONA | 03 | 0200002 | F03 COCONINO COUNTY | 72 | 22 | | | 78 | 73 | * | * | |
| ARIZONA | 03 | 0200003 | F03 COCONINO COUNTY | 72 | 20 | | | 137 | 133 | * | * | |
| ARIZONA | 03 | 0200004 | F03 COCONINO COUNTY | 72 | 25 | | | 145 | 85 | * | * | |
| ARIZONA | 03 | 0280001 | F01 FLAGSTAFF | 72 | 29 | | | 86 | 81 | * | * | |
| ARIZONA | 03 | 0370001 | A03 GRAND CANYON NAT PK | 72 | 10 | | | 27 | 20 | * | * | |
| ARIZONA | 03 | 0520001 | F03 NAVAJO COUNTY | 72 | 16 | 5 | 1 | 415 | 258 | * | * | |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ARIZONA | 03 | 0520002 | F02 | NAVAJO COUNTY | 72 | 12 | | | 96 | 89 | - | - | |
| ARIZONA | 03 | 0920001 | F03 | WINSLOW | 72 | 26 | | | 104 | 92 | - | | |
| ARIZONA | 03 | 0940001 | F02 | YAVAPAI COUNTY | 72 | 14 | | | 140 | 76 | | * | |
| ARIZONA | 03 | 0940002 | F03 | YAVAPAI COUNTY | 72 | 62 | | | 112 | 111 | .43 | .34 | 26 |
| COLORADO | 06 | 0440001 | F01 | CORTEZ | 72 | 46 | 3 | 1 | 446 | 203 | * | | |
| COLORADO | 06 | 0680003 | F01 | DURANGO | 72 | 74 | 6 | 2 | 390 | 294 | .73 | .58 | 44 |
| COLORADO | 06 | 1300001 | F03 | LA PLATA COUNTY | 72 | 76 | 2 | | 202 | 195 | .78 | .62 | 47 |
| COLORADO | 06 | 1530002 | A03 | MESA VERDE NATIONAL PK | 72 | 24 | | | 58 | 48 | - | - | |
| COLORADO | 06 | 1530003 | F03 | MESA VERDE NATL PARK | 72 | 75 | 1 | 1 | 319 | 97 | .26 | .21 | 16 |
| COLORADO | 06 | 1600002 | F03 | MONTEZUMA COUNTY | 72 | 10 | | | 139 | 102 | - | - | |
| COLORADO | 06 | 1600003 | F03 | MONTEZUMA COUNTY | 72 | 19 | 3 | 2 | 423 | 275 | - | - | |
| NEW MEXICO | 32 | 0400001 | F01 | FARMINGTON | 72 | 15 | | | 124 | 95 | - | - | |
| NEW MEXICO | 32 | 0420001 | F01 | GALLUP | 72 | 7 | 4 | 1 | 367 | 231 | - | - | |
| 015 PHOENIX-TUCSON (ARIZ) | | | | | ** PRIORITY 1 ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| ARIZONA | 03 | 0020001 | F02 | AJO | 72 | 38 | 1 | | 251 | 142 | 1.16 | .93 | 70 |
| ARIZONA | 03 | 0140001 | F02 | CLAYPOOL | 72 | 30 | 20 | 3 | 774 | 373 | - | - | |
| ARIZONA | 03 | 0440001 | A01 | MARICOPA COUNTY | 72 | 28 | | | 138 | 134 | 1.26 | 1.01 | 76 |
| ARIZONA | 03 | 0440003 | G01 | MARICOPA COUNTY | 72 | 54 | 18 | 17 | 1,407 | 1,296 | 2.73 | 2.18 | 164 |
| ARIZONA | 03 | 0600002 | A01 | PHOENIX | 72 | 36 | 17 | 2 | 283 | 269 | 2.40 | 1.92 | 144 |
| ARIZONA | 03 | 0600002 | G01 | PHOENIX | 72 | 42 | 20 | 1 | 277 | 254 | * | * | |
| ARIZONA | 03 | 0600004 | G01 | PHOENIX | 72 | 57 | 28 | 5 | 510 | 295 | 2.40 | 1.92 | 144 |
| ARIZONA | 03 | 0600005 | G01 | PHOENIX | 72 | 41 | 23 | 3 | 285 | 268 | - | * | |
| ARIZONA | 03 | 0600006 | G01 | PHOENIX | 72 | 57 | 41 | 20 | 579 | 417 | 3.13 | 2.50 | 188 |
| ARIZONA | 03 | 0600008 | G01 | PHOENIX | 72 | 32 | 26 | 10 | 447 | 412 | * | * | |
| ARIZONA | 03 | 0620005 | F03 | PIMA COUNTY | 72 | 44 | | | 95 | 92 | .48 | .38 | 29 |
| ARIZONA | 03 | 0640001 | F01 | PINAL COUNTY | 72 | 26 | 10 | | 258 | 231 | * | * | |
| ARIZONA | 03 | 0740001 | G01 | SCOTTSDALE | 72 | 54 | 29 | 3 | 355 | 279 | 2.48 | 1.98 | 149 |
| ARIZONA | 03 | 0800003 | F03 | SUPERIOR | 72 | 34 | 8 | 1 | 275 | 259 | - | * | |
| ARIZONA | 03 | 0860001 | A01 | TUCSON | 72 | 27 | 5 | 1 | 281 | 242 | 1.63 | 1.30 | 98 |
| ARIZONA | 03 | 0860002 | G01 | TUCSON ARIZ | 72 | 58 | 2 | | 245 | 156 | * | * | |
| 016 CENTRAL ARKANSAS | | | | | ** PRIORITY 2 ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| ARKANSAS | 04 | 0020001 | F01 | ARKADELPHIA | 72 | 38 | | | 92 | 90 | .76 | .61 | 46 |
| ARKANSAS | 04 | 0500001 | F01 | CONWAY | 72 | 13 | 2 | | 231 | 151 | * | * | |
| ARKANSAS | 04 | 1140001 | F01 | HOT SPRINGS | 72 | 15 | | | 137 | 131 | * | * | |
| ARKANSAS | 04 | 1440001 | A01 | LITTLE ROCK | 72 | 23 | 1 | | 159 | 138 | - | - | |
| ARKANSAS | 04 | 1440002 | F01 | LITTLE ROCK | 72 | 10 | | | 136 | 131 | * | * | |
| ARKANSAS | 04 | 1440003 | F01 | LITTLE ROCK | 72 | 32 | 2 | | 184 | 178 | * | * | |
| ARKANSAS | 04 | 1880001 | F01 | NORTH LITTLE ROCK | 72 | 43 | 1 | | 157 | 140 | 1.23 | .98 | 74 |
| ARKANSAS | 04 | 2060005 | F01 | PINE BLUFF | 72 | 12 | | | 84 | 80 | * | * | |
| ARKANSAS | 04 | 2280001 | F01 | RUSSELLVILLE | 72 | 22 | 1 | | 195 | 143 | * | * | |
| ARKANSAS | 04 | 2280002 | F01 | RUSSELLVILLE | 72 | 14 | | | 107 | 105 | * | * | |
| ARKANSAS | 04 | 2320001 | F01 | SALINE COUNTY | 72 | 46 | 5 | | 256 | 256 | 1.43 | 1.14 | 86 |
| 017 METROPOLITAN FORT SMITH (ARK-OKLA) | | | | | ** PRIORITY 2 ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| ARKANSAS | 04 | 0860003 | F01 | FAYETTEVILLE | 72 | 16 | 3 | | 194 | 172 | * | * | |
| ARKANSAS | 04 | 0920001 | F01 | FORT SMITH | 72 | 24 | | | 115 | 113 | * | * | |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ARKANSAS | 04 | 0920003 | F01 | FORT SMITH | 72 | 8 | | | | 89 | 86 | - | - | |
| ARKANSAS | 04 | 2480001 | F01 | SPRINGDALE | 72 | 27 | | | | 130 | 125 | - | - | |
| OKLAHOMA | 37 | 0480001 | A03 | CHEROKEE COUNTY | 72 | 27 | | | | 86 | 83 | .63 | .50 | 38 |
| OKLAHOMA | 37 | 2480460 | F01 | POTEAU | 72 | 10 | 1 | | | 175 | 115 | - | - | |
| OKLAHOMA | 37 | 2760471 | F01 | SEQUOYAH COUNTY | 72 | 30 | | | | 104 | 99 | - | - | |
| OKLAHOMA | 37 | 2880480 | F01 | TAHLEQUAH | 72 | 45 | | | | 83 | 70 | - | - | |
| 018 METROPOLITAN MEMPHIS (ARK-MISS-TENN) | | | | | | ** PRIORITY 1 ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| ARKANSAS | 04 | 0770001 | F01 | EARLE | 72 | 11 | 2 | | 1 | 278 | 188 | - | - | |
| ARKANSAS | 04 | 2740001 | A01 | WEST MEMPHIS | 72 | 25 | 1 | | | 154 | 126 | - | - | |
| ARKANSAS | 04 | 2740002 | F01 | WEST MEMPHIS | 72 | 9 | | | | 85 | 66 | - | - | |
| TENNESSEE | 44 | 0570001 | G01 | COLLIERVILLE | 72 | 52 | | | | 128 | 117 | .90 | .72 | 54 |
| TENNESSEE | 44 | 2340001 | A01 | MEMPHIS | 72 | 30 | 3 | | 1 | 395 | 191 | 1.53 | 1.22 | 92 |
| TENNESSEE | 44 | 2340001 | G01 | MEMPHIS | 72 | 22 | 2 | | 1 | 264 | 180 | - | - | |
| TENNESSEE | 44 | 2340002 | G01 | MEMPHIS | 72 | 53 | 1 | | | 157 | 144 | 1.18 | .94 | 71 |
| TENNESSEE | 44 | 2340005 | G01 | MEMPHIS | 72 | 53 | 3 | | | 170 | 159 | 1.18 | .94 | 71 |
| TENNESSEE | 44 | 2340013 | G01 | MEMPHIS | 72 | 55 | | | | 150 | 144 | 1.55 | 1.24 | 93 |
| TENNESSEE | 44 | 2340014 | G01 | MEMPHIS | 72 | 53 | 3 | | | 179 | 177 | 1.28 | 1.02 | 77 |
| TENNESSEE | 44 | 2340016 | G01 | MEMPHIS | 72 | 54 | | | | 142 | 139 | 1.41 | 1.13 | 85 |
| TENNESSEE | 44 | 2340017 | G01 | MEMPHIS | 72 | 55 | | | | 132 | 118 | 1.08 | .86 | 65 |
| TENNESSEE | 44 | 2340018 | G01 | MEMPHIS | 72 | 55 | 1 | | | 156 | 139 | 1.18 | .94 | 71 |
| TENNESSEE | 44 | 3080001 | G01 | SHELBY COUNTY | 72 | 55 | | | | 120 | 104 | .81 | .65 | 49 |
| TENNESSEE | 44 | 3080002 | G01 | SHELBY COUNTY | 72 | 52 | | | | 114 | 100 | .81 | .65 | 49 |
| 019 MONROE-EL DORADO (ARK-LA) | | | | | | ** PRIORITY 2 ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| ARKANSAS | 04 | 0320001 | F01 | CAMDEN | 72 | 33 | | | | 98 | 81 | .85 | .68 | 51 |
| ARKANSAS | 04 | 0620001 | F01 | CROSSETT | 72 | 19 | 1 | | | 155 | 148 | - | - | |
| ARKANSAS | 04 | 0780001 | F01 | EL DORADO | 72 | 20 | | | | 128 | 117 | - | - | |
| LOUISIANA | 19 | 1620001 | F01 | LAKE PROVIDENCE | 72 | 56 | 3 | | | 165 | 160 | 1.40 | 1.12 | 84 |
| LOUISIANA | 19 | 1900001 | F01 | MONROE | 72 | 56 | | | | 140 | 128 | 1.06 | .85 | 64 |
| LOUISIANA | 19 | 2980001 | F01 | VIDALIA | 72 | 53 | 16 | | 1 | 329 | 255 | 1.96 | 1.57 | 118 |
| 020 NORTHEAST ARKANSAS | | | | | | ** PRIORITY 3 ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| ARKANSAS | 04 | 0900001 | F01 | FORREST CITY | 72 | 11 | 1 | | | 180 | 111 | - | - | |
| ARKANSAS | 04 | 1080001 | F01 | HELENA | 72 | 12 | 1 | | | 158 | 112 | - | - | |
| ARKANSAS | 04 | 1320001 | F01 | JONESBORO | 72 | 9 | | | | 117 | 109 | - | - | |
| ARKANSAS | 04 | 2540001 | F01 | STUTTGART | 72 | 32 | 9 | | 1 | 280 | 252 | 2.00 | 1.60 | 120 |
| KENTUCKY | 18 | 0800001 | A01 | COVINGTON | 72 | 30 | | | | 142 | 135 | 1.25 | 1.00 | 75 |
| 021 NORTHWEST ARKANSAS | | | | | | ** PRIORITY 3 ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| ARKANSAS | 04 | 1060001 | F01 | HARRISON | 72 | 12 | 1 | | | 158 | 117 | - | - | |
| ARKANSAS | 04 | 1760001 | A03 | MONTGOMERY COUNTY | 72 | 28 | | | | 144 | 103 | .61 | .49 | 37 |
| 022 SHREVEPORT-TEXARKANA-TYLER (ARK-LA-OKLA-TEX) | | | | | | ** PRIORITY 2 ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| ARKANSAS | 04 | 1120001 | F01 | HOPE | 72 | 10 | | | | 133 | 95 | - | - | |
| ARKANSAS | 04 | 1560001 | F01 | MAGNOLIA | 72 | 15 | | | | 134 | 104 | - | - | |
| ARKANSAS | 04 | 2560001 | A01 | TEXARKANA | 72 | 17 | | | | 128 | 113 | - | - | |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOUISIANA | 19 | 1840001 | F01 | MANY | 72 | | | | 69 | 68 | | | |
| LOUISIANA | 19 | 2740001 | A01 | SHREVEPORT | 72 | 275 | 7 | 1 | 284 | 257 | 1.75 | 1.40 | 105 |
| LOUISIANA | 19 | 2740001 | F01 | SHREVEPORT | 72 | 59 | 13 | | 216 | 212 | 1.28 | 1.02 | 77 |
| OKLAHOMA | 37 | 1420455 | F01 | IDABEL | 72 | 58 | 5 | | 218 | 160 | 1.28 | 1.02 | 77 |
| TEXAS | 45 | 5160001 | F01 | TEXARKANA | 72 | 49 | | | 119 | 110 | 1.05 | .84 | 63 |
| TEXAS | 45 | 5240002 | F01 | TYLER | 72 | 54 | | | 147 | 117 | .93 | .74 | 56 |
| 024 METROPOLITAN LOS ANGELES (CALIF) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| CALIFORNIA | 05 | 0230001 | A01 | ANAHEIM | 72 | 28 | 3 | | 260 | 171 | 1.71 | 1.37 | 103 |
| CALIFORNIA | 05 | 0900002 | A01 | BURBANK | 72 | 27 | 8 | | 257 | 227 | 1.91 | 1.53 | 115 |
| CALIFORNIA | 05 | 2940001 | A01 | GLENDALE | 72 | 28 | 1 | | 178 | 150 | 1.51 | 1.21 | 91 |
| CALIFORNIA | 05 | 4100001 | A01 | LONG BEACH | 72 | 27 | 3 | | 193 | 169 | 1.55 | 1.24 | 93 |
| CALIFORNIA | 05 | 4180001 | A01 | LOS ANGELES | 72 | 32 | 8 | 1 | 604 | 254 | 1.96 | 1.57 | 118 |
| CALIFORNIA | 05 | 5380001 | A01 | ONTARIO | 72 | 28 | 5 | 1 | 283 | 251 | 1.91 | 1.53 | 115 |
| CALIFORNIA | 05 | 5760002 | A01 | PASADENA | 72 | 27 | 1 | | 232 | 148 | 1.50 | 1.20 | 90 |
| CALIFORNIA | 05 | 6400001 | A01 | RIVERSIDE | 72 | 18 | 8 | 3 | 305 | 270 | | | |
| CALIFORNIA | 05 | 6680001 | A01 | SAN BERNARDINO | 72 | 30 | 13 | 3 | 308 | 308 | 2.25 | 1.80 | 135 |
| CALIFORNIA | 05 | 7180001 | A01 | SANTA ANA | 72 | 29 | 4 | 1 | 286 | 197 | 1.61 | 1.29 | 97 |
| CALIFORNIA | 05 | 8260001 | A01 | TORRANCE | 72 | 29 | | | 129 | 126 | 1.20 | .96 | 72 |
| 025 NORTH CENTRAL COAST (CALIF) | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| KANSAS | 17 | 3840008 | G01 | WYANDOTTE COUNTY | 72 | 13 | | | 104 | 102 | | | |
| 028 SACRAMENTO VALLEY (CALIF) | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| CALIFORNIA | 05 | 6580001 | A01 | SACRAMENTO | 72 | 28 | 1 | | 156 | 130 | 1.01 | .81 | 61 |
| 029 SAN DIEGO (CALIF) | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| CALIFORNIA | 05 | 6800001 | A01 | SAN DIEGO | 72 | 29 | | | 140 | 124 | .98 | .78 | 59 |
| 030 SAN FRANCISCO BAY AREA (CALIF) | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| CALIFORNIA | 05 | 0740001 | A01 | BERKELEY | 72 | 27 | | | 111 | 85 | .80 | .64 | 48 |
| CALIFORNIA | 05 | 5300001 | A01 | OAKLAND | 72 | 29 | | | 100 | 92 | .95 | .76 | 57 |
| CALIFORNIA | 05 | 6860001 | A01 | SAN FRANCISCO | 72 | 30 | | | 121 | 117 | 1.00 | .80 | 60 |
| CALIFORNIA | 05 | 6980003 | A01 | SAN JOSE | 72 | 25 | 2 | | 161 | 154 | | | |
| 031 SAN JOAQUIN VALLEY (CALIF) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| CALIFORNIA | 05 | 2800002 | A01 | FRESNO | 72 | 28 | 3 | 1 | 279 | 198 | 1.91 | 1.53 | 115 |
| 034 COMANCHE (COLO) | | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| COLORADO | 06 | 1220001 | F01 | LA JUNTA | 72 | 79 | 3 | 1 | 298 | 207 | .96 | .77 | 58 |
| COLORADO | 06 | 1900001 | F01 | ROCKY FORD | 72 | 76 | 2 | 1 | 333 | 226 | 1.10 | .88 | 66 |
| 035 GRAND MESA (COLO) | | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| COLORADO | 06 | 0540001 | F01 | DELTA | 72 | 46 | 18 | 7 | 566 | 532 | | | |
| COLORADO | 06 | 0880001 | F01 | GARFIELD COUNTY | 72 | 82 | 10 | 1 | 320 | 218 | 1.36 | 1.09 | 92 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEDING 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| COLORADO | 06 | 0920001 | F01 | GLENWOOD SPRINGS | 72 | 81 | 3 | 1 | 377 | 254 | .96 | .77 | 58 |
| COLORADO | 06 | 0980009 | F01 | GRAND JUNCTION | 72 | 82 | 14 | 1 | 321 | 192 | 1.51 | 1.21 | 91 |
| COLORADO | 06 | 1520001 | F01 | MESA COUNTY | 72 | 78 | 2 | | 161 | 151 | 1.35 | 1.08 | 81 |
| COLORADO | 06 | 1520002 | F01 | MESA COUNTY | 72 | 93 | 1 | | 187 | 149 | .63 | .50 | 38 |
| COLORADO | 06 | 1620001 | F01 | MONTROSE | 72 | 69 | 8 | 1 | 343 | 198 | 1.23 | .98 | 74 |
| COLORADO | 06 | 1780001 | F01 | PITKIN COUNTY | 72 | 59 | 3 | 1 | 414 | 164 | 1.01 | .81 | 61 |
| 036 METROPOLITAN DENVER (COLO) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| COLORADO | 06 | 0020001 | F01 | ADAMS COUNTY | 72 | 89 | 16 | 1 | 275 | 258 | 1.48 | 1.18 | 89 |
| COLORADO | 06 | 0120001 | F01 | ARVADA | 72 | 90 | 19 | 1 | 418 | 242 | 1.78 | 1.42 | 107 |
| COLORADO | 06 | 0140001 | F01 | AURORA | 72 | 91 | 9 | 1 | 349 | 207 | 1.48 | 1.18 | 89 |
| COLORADO | 06 | 0200001 | F01 | BOULDER | 72 | 76 | 4 | | 243 | 225 | 1.06 | .85 | 64 |
| COLORADO | 06 | 0240001 | F01 | BRIGHTON | 72 | 81 | 9 | | 213 | 209 | 1.45 | 1.16 | 87 |
| COLORADO | 06 | 0360001 | F01 | CLEAR CREEK COUNTY | 72 | 90 | | | 150 | 139 | 1.10 | .88 | 66 |
| COLORADO | 06 | 0580001 | A01 | DENVER | 72 | 26 | 13 | 2 | 434 | 329 | " | " | |
| COLORADO | 06 | 0580001 | F01 | DENVER | 72 | 79 | 28 | 7 | 355 | 347 | 2.11 | 1.69 | 127 |
| COLORADO | 06 | 0580002 | A10 | DENVER | 72 | 138 | 60 | 20 | 735 | 653 | 2.53 | 2.02 | 152 |
| COLORADO | 06 | 0580003 | F01 | DENVER | 72 | 74 | 25 | 6 | 387 | 319 | 2.08 | 1.66 | 125 |
| COLORADO | 06 | 0580004 | F01 | DENVER | 72 | 62 | 11 | | 257 | 224 | " | " | |
| COLORADO | 06 | 0580006 | F01 | DENVER | 72 | 66 | 6 | 1 | 271 | 222 | 1.23 | .98 | 74 |
| COLORADO | 06 | 0580007 | F01 | DENVER | 72 | 84 | 3 | | 217 | 178 | 1.06 | .85 | 64 |
| COLORADO | 06 | 0580009 | F01 | DENVER | 72 | 72 | 7 | 1 | 343 | 254 | 1.40 | 1.12 | 84 |
| COLORADO | 06 | 0660001 | F01 | DOUGLAS COUNTY | 72 | 80 | 4 | 2 | 323 | 314 | 1.10 | .88 | 66 |
| COLORADO | 06 | 0720001 | F01 | EDGEWATER | 72 | 83 | 16 | 2 | 339 | 262 | 1.63 | 1.30 | 98 |
| COLORADO | 06 | 0780001 | F01 | ENGLEWOOD | 72 | 89 | 11 | 2 | 314 | 298 | 1.70 | 1.36 | 102 |
| COLORADO | 06 | 0900001 | F01 | GILPIN COUNTY | 72 | 90 | | | 123 | 114 | .71 | .57 | 43 |
| COLORADO | 06 | 0940001 | F01 | GOLDEN | 72 | 89 | 2 | | 236 | 186 | 1.01 | .81 | 61 |
| COLORADO | 06 | 1140001 | F02 | JEFFERSON COUNTY | 72 | 82 | 1 | | 184 | 146 | .63 | .50 | 38 |
| COLORADO | 06 | 1260001 | F01 | LAKEWOOD | 72 | 89 | 6 | | 208 | 179 | 1.18 | .94 | 71 |
| COLORADO | 06 | 1460001 | F01 | LONGMONT | 72 | 41 | 7 | 1 | 284 | 215 | " | " | |
| COLORADO | 06 | 2240002 | F01 | WESTMINSTER | 72 | 82 | 8 | 4 | 299 | 281 | 1.31 | 1.05 | 79 |
| 037 PAWNEE (COLO) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| COLORADO | 06 | 0820001 | F01 | FT COLLINS | 72 | 83 | 6 | | 194 | 193 | 1.15 | .92 | 69 |
| COLORADO | 06 | 1000003 | F01 | GREELEY | 72 | 71 | 10 | 1 | 268 | 257 | 1.11 | .89 | 67 |
| COLORADO | 06 | 1000004 | F01 | GREELEY | 72 | 79 | 17 | 2 | 343 | 299 | 1.46 | 1.17 | 88 |
| COLORADO | 06 | 1020001 | F01 | GUNNISON | 72 | 54 | 5 | 2 | 376 | 269 | " | " | |
| COLORADO | 06 | 1320002 | F01 | LARIMER COUNTY | 72 | 82 | 3 | | 205 | 163 | .83 | .66 | 50 |
| COLORADO | 06 | 1420001 | F01 | LITTLETON | 72 | 49 | 14 | | 252 | 223 | " | " | |
| COLORADO | 06 | 1480001 | F01 | LOVELAND | 72 | 78 | 13 | 2 | 345 | 291 | 1.36 | 1.09 | 82 |
| COLORADO | 06 | 2080001 | F01 | STERLING | 72 | 72 | 8 | | 243 | 193 | 1.50 | 1.20 | 90 |
| COLORADO | 06 | 2220001 | F01 | WELD COUNTY | 72 | 54 | 4 | | 189 | 182 | " | " | |
| COLORADO | 06 | 2220002 | F01 | WELD COUNTY | 72 | 68 | 19 | 2 | 426 | 300 | " | " | |
| COLORADO | 06 | 2220003 | F01 | WELD COUNTY | 72 | 80 | 9 | 1 | 336 | 211 | 1.46 | 1.17 | 88 |
| 038 SAN ISABEL (COLO) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| COLORADO | 06 | 0080001 | F03 | ARAPAHOE COUNTY | 72 | 87 | | | 120 | 102 | .60 | .48 | 36 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | PRI. | ANNUAL GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| COLORADO | 06 | 0300001 | F01 CANON CITY | 72 | 91 | 6 | | 240 | 199 | .99 | .78 | 59 |
| COLORADO | 06 | 0380003 | F01 COLORADO SPRINGS | 72 | 86 | 15 | 1 | 279 | 226 | 1.61 | 1.29 | 97 |
| COLORADO | 06 | 0800001 | F01 FLORENCE | 72 | 77 | 5 | | 212 | 197 | 1.43 | 1.14 | 86 |
| COLORADO | 06 | 1500001 | F01 MANITOU SPRINGS | 72 | 85 | 2 | | 183 | 154 | 1.10 | .88 | 66 |
| COLORADO | 06 | 1820001 | F01 PUEBLO | 72 | 70 | 18 | 1 | 349 | 259 | 1.83 | 1.46 | 110 |
| COLORADO | 06 | 1820003 | F01 PUEBLO | 72 | 64 | 18 | 3 | 324 | 291 | * | * | |
| COLORADO | 06 | 2160001 | F01 TRINIDAD | 72 | 83 | 5 | | 204 | 189 | 1.28 | 1.02 | 77 |
| COLORADO | 06 | 2180001 | F01 WALSENBURG | 72 | 83 | 8 | 1 | 291 | 239 | 1.26 | 1.01 | 76 |
| 039 SAN LUIS (COLO) | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| COLORADO | 06 | 0040001 | F01 ALAMOSA | 72 | 82 | 3 | 1 | 628 | 152 | .96 | .77 | 58 |
| COLORADO | 06 | 0060001 | F03 ALAMOSA COUNTY | 72 | 76 | 1 | | 208 | 71 | .21 | .17 | 13 |
| COLORADO | 06 | 1860001 | F01 RIO BLANCO COUNTY | 72 | 76 | 3 | 1 | 265 | 201 | .81 | .65 | 49 |
| COLORADO | 06 | 1860002 | F01 RIO BLANCO COUNTY | 72 | 83 | | | 125 | 92 | .50 | .40 | 30 |
| COLORADO | 06 | 1860003 | F03 RIO BLANCO COUNTY | 72 | 78 | | | 84 | 81 | .21 | .17 | 13 |
| 040 YAMPA (COLO) | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| COLORADO | 06 | 0480001 | F01 CRAIG | 72 | 82 | 4 | | 202 | 198 | 1.05 | .84 | 63 |
| COLORADO | 06 | 0960002 | F01 GRAND COUNTY | 72 | 80 | 8 | | 246 | 209 | 1.08 | .86 | 65 |
| COLORADO | 06 | 1920001 | F01 ROUTT COUNTY | 72 | 79 | | | 120 | 109 | .41 | .33 | 25 |
| COLORADO | 06 | 1920002 | F01 ROUTT COUNTY | 72 | 83 | 22 | 5 | 429 | 375 | 1.65 | 1.32 | 99 |
| FLORIDA | 10 | 1960040 | H01 JACKSONVILLE | 72 | 43 | | | 103 | 96 | * | * | |
| 041 EASTERN CONNECTICUT | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| CONNECTICUT | 07 | 0350001 | F01 GROTON | 72 | 56 | 1 | | 166 | 122 | .76 | .61 | 46 |
| CONNECTICUT | 07 | 0840001 | F01 NORWICH | 72 | 60 | | | 142 | 142 | 1.03 | .82 | 62 |
| CONNECTICUT | 07 | 0900002 | F01 PUTNAM | 72 | 55 | | | 149 | 135 | .88 | .70 | 53 |
| 042 HARTFORD-NEW HAVEN-SPRINGFIELD (CONN-MASS) | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| CONNECTICUT | 07 | 0008003 | F01 ANSONIA | 72 | 59 | 5 | | 170 | 159 | 1.38 | 1.10 | 83 |
| CONNECTICUT | 07 | 0070001 | F01 BRISTOL | 72 | 56 | 1 | | 197 | 104 | .86 | .69 | 52 |
| CONNECTICUT | 07 | 0250001 | F01 ENFIELD | 72 | 36 | 5 | 1 | 287 | 200 | 1.20 | .96 | 72 |
| CONNECTICUT | 07 | 0250002 | F01 ENFIELD | 72 | 10 | | | 68 | 66 | * | * | |
| CONNECTICUT | 07 | 0420001 | A01 HARTFORD | 72 | 29 | | | 137 | 125 | 1.00 | .80 | 60 |
| CONNECTICUT | 07 | 0420003 | F01 HARTFORD | 72 | 137 | 8 | 1 | 386 | 216 | 1.23 | .98 | 74 |
| CONNECTICUT | 07 | 0420004 | F01 HARTFORD | 72 | 41 | 1 | | 179 | 122 | .80 | .64 | 48 |
| CONNECTICUT | 07 | 0510001 | F01 MANCHESTER | 72 | 13 | | | 81 | 67 | * | * | |
| CONNECTICUT | 07 | 0660001 | F01 NAUGATUCK | 72 | 60 | 4 | 1 | 370 | 221 | 1.20 | .96 | 72 |
| CONNECTICUT | 07 | 0680001 | H01 NEW BRITAIN | 72 | 18 | 3 | | 171 | 155 | * | * | |
| CONNECTICUT | 07 | 0700001 | A01 NEW HAVEN | 72 | 29 | | | 131 | 118 | 1.00 | .80 | 60 |
| CONNECTICUT | 07 | 1130003 | F01 THOMASTON | 72 | 45 | 3 | | 206 | 179 | .96 | .77 | 58 |
| CONNECTICUT | 07 | 1240001 | F01 WATERBURY | 72 | 63 | 6 | | 223 | 184 | 1.35 | 1.08 | 91 |
| MASSACHUSETTS | 22 | 0172001 | F01 BELCHERTOWN | 72 | 54 | | | 83 | 75 | .35 | .28 | 21 |
| MASSACHUSETTS | 22 | 0400001 | F01 CHICOPEE | 72 | 123 | 1 | | 153 | 127 | .95 | .76 | 57 |
| MASSACHUSETTS | 22 | 0400003 | F01 CHICOPEE | 72 | 123 | | | 140 | 135 | .83 | .66 | 50 |
| MASSACHUSETTS | 22 | 0780001 | F01 GREENFIELD | 72 | 123 | | | 132 | 126 | .81 | .65 | 49 |
| MASSACHUSETTS | 22 | 0860004 | F01 HOLYOKE | 72 | 125 | 2 | | 165 | 165 | .93 | .74 | 56 |
| MASSACHUSETTS | 22 | 1652001 | F01 NORTHFIELD | 72 | 40 | | | 70 | 52 | * | * | |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|
| MASSACHUSETTS | 22 2160003 F01 SPRINGFIELD | 72 | 127 | 1 | | 172 | 142 | 1.06 | .85 | 64 |
| MASSACHUSETTS | 22 2160005 F01 SPRINGFIELD | 72 | 24 | 3 | | 238 | 195 | * | * | |
| 043 NEW JERSEY-NEW YORK-CONNECTICUT | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| CONNECTICUT | 07 0060001 A01 BRIDGEPORT | 72 | 30 | | | 117 | 105 | .85 | .68 | 51 |
| CONNECTICUT | 07 0060001 F01 BRIDGEPORT | 72 | 64 | | | 117 | 110 | .95 | .76 | 57 |
| CONNECTICUT | 07 0060001 H01 BRIDGEPORT | 72 | 10 | | | 97 | 96 | * | * | |
| CONNECTICUT | 07 0060002 F01 BRIDGEPORT | 72 | 7 | | | 117 | 96 | * | * | |
| CONNECTICUT | 07 0175001 F01 DANBURY | 72 | 7 | 1 | | 172 | 127 | | * | |
| CONNECTICUT | 07 1080001 H01 STAMFORD | 72 | 20 | 12 | 3 | 363 | 298 | | * | |
| NEW JERSEY | 31 0060002 F01 ASBURY PARK | 72 | 38 | 1 | | 190 | 119 | 1.13 | .90 | 68 |
| NEW JERSEY | 31 0180001 A01 BAYONNE | 72 | 24 | | | 121 | 118 | * | * | |
| NEW JERSEY | 31 0180003 F01 BAYONNE | 72 | 52 | 3 | | 207 | 158 | 1.10 | .88 | 66 |
| NEW JERSEY | 31 0500001 F01 BOUND BROOK | 72 | 59 | | | 138 | 106 | .90 | .72 | 54 |
| NEW JERSEY | 31 0560001 F01 BRIELLE | 72 | 25 | | | 74 | 66 | * | | |
| NEW JERSEY | 31 0820001 F01 CARTERET | 72 | 47 | | | 139 | 132 | 1.05 | .84 | 63 |
| NEW JERSEY | 31 1100001 F01 DOVER | 72 | 23 | | | 93 | 86 | | * | |
| NEW JERSEY | 31 1100002 F01 DOVER | 72 | 18 | | | 119 | 67 | * | * | |
| NEW JERSEY | 31 1160002 F01 EAST ORANGE | 72 | 50 | 17 | 1 | 277 | 237 | 1.90 | 1.52 | 114 |
| NEW JERSEY | 31 1300002 A01 ELIZABETH | 72 | 27 | 2 | | 230 | 203 | 1.31 | 1.05 | 79 |
| NEW JERSEY | 31 1380001 F01 ESSEX COUNTY | 72 | 56 | | | 103 | 71 | .56 | .45 | 34 |
| NEW JERSEY | 31 1440001 F01 FAIR LAWN | 72 | 29 | | | 102 | 95 | * | * | |
| NEW JERSEY | 31 1460001 F01 FAIRVIEW | 72 | 51 | 5 | | 221 | 174 | 1.35 | 1.08 | 81 |
| NEW JERSEY | 31 1540001 F01 FLORHAM PARK | 72 | 18 | | | 94 | 59 | * | * | |
| NEW JERSEY | 31 1560001 F01 FORT LEE | 72 | 28 | | | 139 | 139 | * | * | |
| NEW JERSEY | 31 1560002 F01 FORT LEE | 72 | 21 | | | 101 | 99 | | * | |
| NEW JERSEY | 31 1820001 F01 HACKENSACK | 72 | 48 | 25 | 1 | 302 | 242 | 2.43 | 1.94 | 146 |
| NEW JERSEY | 31 2180001 F01 HOBOKEN | 72 | 54 | 14 | 1 | 292 | 211 | 1.88 | 1.50 | 113 |
| NEW JERSEY | 31 2280001 F01 IRVINGTON | 72 | 50 | | | 96 | 96 | .80 | .64 | 48 |
| NEW JERSEY | 31 2320001 A01 JERSEY CITY | 72 | 29 | 1 | | 168 | 123 | 1.20 | .96 | 72 |
| NEW JERSEY | 31 2320003 F01 JERSEY CITY | 72 | 53 | 1 | | 232 | 143 | 1.38 | 1.10 | 83 |
| NEW JERSEY | 31 2320004 F01 JERSEY CITY | 72 | 58 | | | 149 | 145 | 1.25 | 1.00 | 75 |
| NEW JERSEY | 31 2580001 F01 LINDEN | 72 | 61 | | | 141 | 125 | 1.16 | .93 | 70 |
| NEW JERSEY | 31 3020002 F01 METUCHEN | 72 | 32 | | | 99 | 93 | | * | |
| NEW JERSEY | 31 3060002 F01 MIDDLESEX COUNTY | 72 | 32 | | | 119 | 118 | * | * | |
| NEW JERSEY | 31 3060003 F01 MIDDLESEX COUNTY | 72 | 50 | | | 109 | 95 | .68 | .54 | 41 |
| NEW JERSEY | 31 3180001 F01 MONMOUTH COUNTY | 72 | 42 | 1 | | 161 | 70 | .58 | .46 | 35 |
| NEW JERSEY | 31 3180002 F01 MONMOUTH COUNTY | 72 | 34 | | | 116 | 79 | * | * | |
| NEW JERSEY | 31 3300002 F01 MORRISTOWN | 72 | 56 | | | 90 | 89 | .78 | .62 | 47 |
| NEW JERSEY | 31 3480001 A01 NEWARK | 72 | 29 | | | 137 | 124 | 1.10 | .88 | 66 |
| NEW JERSEY | 31 3480003 F01 NEWARK | 72 | 54 | 24 | 1 | 285 | 255 | 2.23 | 1.78 | 134 |
| NEW JERSEY | 31 3500001 F01 NEW BRUNSWICK | 72 | 57 | | | 82 | 72 | .61 | .49 | 37 |
| NEW JERSEY | 31 3980001 F01 ORANGE | 72 | 44 | | | 126 | 119 | .95 | .76 | 57 |
| NEW JERSEY | 31 4100001 F01 PASSAIC | 72 | 54 | | | 134 | 125 | .93 | .74 | 56 |
| NEW JERSEY | 31 4140001 A01 PATERSON | 72 | 18 | | | 139 | 134 | * | * | |
| NEW JERSEY | 31 4140001 F01 PATERSON | 72 | 55 | | | 113 | 109 | .93 | .74 | 56 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW JERSEY | 31 | 4220001 | A01 PERTH AMBOY | 72 | 20 | | | 117 | 114 | | | |
| NEW JERSEY | 31 | 4220002 | F01 PERTH AMBOY | 72 | 47 | | | 110 | 106 | .93 | .74 | 56 |
| NEW JERSEY | 31 | 4440001 | F01 RAHWAY | 72 | 57 | 1 | | 163 | 143 | 1.10 | .89 | 66 |
| NEW JERSEY | 31 | 4500001 | F01 RED BANK | 72 | 26 | | | 97 | 82 | - | - | |
| NEW JERSEY | 31 | 4500002 | F01 RED BANK | 72 | 27 | | | 99 | 89 | - | - | |
| NEW JERSEY | 31 | 4760001 | F01 ROSELLE | 72 | 61 | | | 137 | 112 | 1.10 | .88 | 66 |
| NEW JERSEY | 31 | 4920001 | F01 SAYREVILLE | 72 | 38 | 4 | | 203 | 192 | * | * | |
| NEW JERSEY | 31 | 4960001 | F01 SECAUCUS | 72 | 29 | | | 128 | 113 | - | - | |
| NEW JERSEY | 31 | 5060002 | F01 SOMERVILLE | 72 | 57 | 1 | | 160 | 125 | .78 | .62 | 47 |
| NEW JERSEY | 31 | 5080001 | F01 SOUTH AMBOY | 72 | 46 | 1 | | 152 | 108 | .96 | .77 | 58 |
| NEW JERSEY | 31 | 5420001 | F01 UNION CITY | 72 | 49 | 1 | | 153 | 141 | 1.33 | 1.06 | 80 |
| NEW JERSEY | 31 | 5500001 | F01 UPPER SADDLE RIVER | 72 | 14 | | | 70 | 62 | - | - | |
| NEW JERSEY | 31 | 5920001 | F01 WESTWOOD | 72 | 58 | | | 101 | 93 | .70 | .56 | 42 |
| NEW JERSEY | 31 | 6040001 | F01 WOODBRIDGE | 72 | 55 | 2 | 1 | 376 | 173 | 1.10 | .88 | 66 |
| NEW JERSEY | 31 | 6040002 | F01 WOODBRIDGE | 72 | 21 | | | 126 | 105 | * | * | |
| NEW YORK | 33 | 0280001 | F01 BABYLON | 72 | 59 | | | 122 | 98 | .86 | .69 | 52 |
| NEW YORK | 33 | 1560001 | F01 DOBBS FERRY (V) | 72 | 15 | | | 64 | 60 | - | - | |
| NEW YORK | 33 | 2300002 | F01 FREEPORT (V) | 72 | 59 | | | 123 | 102 | .90 | .72 | 54 |
| NEW YORK | 33 | 2360001 | F01 GARDEN CITY | 72 | 40 | | | 118 | 111 | | * | |
| NEW YORK | 33 | 2460001 | F01 GLEN COVE | 72 | 58 | | | 145 | 142 | 1.13 | .90 | 68 |
| NEW YORK | 33 | 2900001 | F01 HEMPSTEAD | 72 | 56 | 5 | 2 | 330 | 276 | 1.21 | .97 | 73 |
| NEW YORK | 33 | 2900003 | F01 HEMPSTEAD | 72 | 58 | 1 | | 164 | 126 | .96 | .77 | 58 |
| NEW YORK | 33 | 2900004 | F01 HEMPSTEAD | 72 | 59 | 1 | | 244 | 122 | .95 | .76 | 57 |
| NEW YORK | 33 | 2900005 | F01 HEMPSTEAD (T) | 72 | 54 | | | 141 | 140 | 1.01 | .81 | 61 |
| NEW YORK | 33 | 2900007 | F01 HEMPSTEAD | 72 | 35 | 4 | | 194 | 179 | - | * | |
| NEW YORK | 33 | 3480001 | F01 KINGS POINT | 72 | 59 | | | 116 | 116 | .71 | .57 | 43 |
| NEW YORK | 33 | 4100001 | F01 MAMARONECK | 72 | 43 | | | 124 | 123 | 1.00 | .80 | 60 |
| NEW YORK | 33 | 4100002 | F01 MAMARONECK | 72 | 35 | | | 114 | 109 | - | - | |
| NEW YORK | 33 | 4480001 | F01 MT VERNON | 72 | 25 | | | 133 | 133 | * | * | |
| NEW YORK | 33 | 4480003 | F01 MOUNT VERNON | 72 | 9 | | | 126 | 108 | * | * | |
| NEW YORK | 33 | 4520001 | F01 NASSAU COUNTY | 72 | 59 | | | 116 | 109 | .83 | .66 | 50 |
| NEW YORK | 33 | 4520002 | F01 NASSAU COUNTY | 72 | 60 | | | 130 | 130 | .96 | .77 | 58 |
| NEW YORK | 33 | 4520005 | F01 NASSAU COUNTY | 72 | 59 | | | 103 | 102 | .71 | .57 | 43 |
| NEW YORK | 33 | 4520006 | F01 NASSAU COUNTY | 72 | 55 | | | 100 | 85 | .75 | .60 | 45 |
| NEW YORK | 33 | 4620002 | F01 NEW ROCHELLE | 72 | 34 | | | 137 | 131 | * | * | |
| NEW YORK | 33 | 4680001 | A01 NEW YORK CITY | 72 | 29 | 3 | 1 | 280 | 155 | 1.58 | 1.26 | 95 |
| NEW YORK | 33 | 4680050 | F01 NEW YORK CITY | 72 | 55 | 2 | | 169 | 164 | 1.26 | 1.01 | 76 |
| NEW YORK | 33 | 4680057 | F01 NEW YORK CITY | 72 | 40 | 2 | | 160 | 158 | * | * | |
| NEW YORK | 33 | 4880001 | F01 NORTH TARRYTOWN | 72 | 52 | | | 119 | 110 | .80 | .64 | 48 |
| NEW YORK | 33 | 5200001 | F01 OSSINING | 72 | 54 | | | 115 | 114 | .81 | .65 | 49 |
| NEW YORK | 33 | 5360001 | F01 PEEKSKILL | 72 | 52 | 5 | | 210 | 185 | 1.26 | 1.01 | 76 |
| NEW YORK | 33 | 5520001 | F01 PORT CHESTER | 72 | 56 | | | 119 | 112 | .91 | .73 | 55 |
| NEW YORK | 33 | 5780001 | F01 ROCKLAND COUNTY | 72 | 55 | | | 127 | 105 | .90 | .72 | 54 |
| NEW YORK | 33 | 5780002 | F01 ROCKLAND COUNTY | 72 | 11 | | | 68 | 64 | * | * | |
| NEW YORK | 33 | 5800001 | F01 ROCKVILLE CTR | 72 | 58 | 1 | | 163 | 146 | 1.21 | .97 | 73 |
| NEW YORK | 33 | 5910001 | F01 RYE | 72 | 54 | | | 138 | 135 | 1.10 | .88 | 66 |

# Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW YORK | 33 | 6340001 | F01 SOUTHAMPTON | 72 | 56 | | | 86 | 70 | .56 | .45 | 34 |
| NEW YORK | 33 | 6560001 | F01 SUFFERN | 72 | 43 | | | 143 | 122 | 1.00 | .80 | 60 |
| NEW YORK | 33 | 6580001 | F01 SUFFOLK COUNTY | 72 | 50 | 2 | 1 | 358 | 191 | .95 | .76 | 57 |
| NEW YORK | 33 | 6580002 | F01 SUFFOLK COUNTY | 72 | 51 | 2 | | 205 | 160 | .80 | .64 | 48 |
| NEW YORK | 33 | 6580011 | F01 SUFFOLK COUNTY | 72 | 59 | | | 140 | 100 | .78 | .62 | 47 |
| NEW YORK | 33 | 6580023 | F01 SMITHTOWN | 72 | 53 | | | 110 | 99 | .78 | .62 | 47 |
| NEW YORK | 33 | 7320003 | F01 WESTCHESTER COUNTY | 72 | 54 | | | 113 | 92 | .70 | .56 | 42 |
| NEW YORK | 33 | 7320004 | F01 WESTCHESTER COUNTY | 72 | 53 | | | 113 | 68 | .50 | .40 | 30 |
| NEW YORK | 33 | 7320005 | F01 WESTCHESTER COUNTY | 72 | 51 | | | 130 | 100 | .73 | .58 | 44 |
| NEW YORK | 33 | 7320006 | F01 WESTCHESTER COUNTY | 72 | 45 | 3 | | 164 | 162 | 1.13 | .90 | 68 |
| NEW YORK | 33 | 7400001 | F01 WEST HAVERSTRAW | 72 | 14 | | | 94 | 71 | * | * | |
| NEW YORK | 33 | 7480001 | F01 WHITE PLAINS | 72 | 52 | 1 | | 158 | 135 | 1.11 | .89 | 67 |
| NEW YORK | 33 | 7620001 | A01 YONKERS | 72 | 18 | 3 | | 211 | 190 | * | * | |
| NEW YORK | 33 | 7620001 | F01 YONKERS | 72 | 48 | 2 | | 157 | 152 | 1.20 | .96 | 72 |
| 044 NORTHWESTERN CONNECTICUT | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| CONNECTICUT | 07 | 1160001 | F01 TORRINGTON | 72 | 56 | 5 | | 189 | 187 | 1.06 | .85 | 64 |
| CONNECTICUT | 07 | 1240001 | A01 WATERBURY | 72 | 28 | | | 140 | 123 | 1.15 | .92 | 69 |
| CONNECTICUT | 07 | 1460001 | F01 WINCHESTER | 72 | 49 | 1 | 1 | 319 | 130 | .81 | .65 | 49 |
| 045 METROPOLITAN PHILADELPHIA (DEL-N.J.-PA) | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| DELAWARE | 08 | 0140001 | A01 NEWARK | 72 | 25 | 1 | | 151 | 116 | * | * | |
| DELAWARE | 08 | 0140002 | F01 NEWARK | 72 | 66 | 1 | | 176 | 127 | .98 | .70 | 53 |
| DELAWARE | 08 | 0160001 | F01 NEW CASTLE | 72 | 86 | | | 112 | 97 | .88 | .70 | 53 |
| DELAWARE | 08 | 0180001 | F01 NEW CASTLE COUNTY | 72 | 92 | | | 144 | 117 | 1.03 | .82 | 62 |
| DELAWARE | 08 | 0180003 | F01 NEW CASTLE COUNTY | 72 | 79 | | | 144 | 133 | .90 | .72 | 54 |
| DELAWARE | 08 | 0180004 | F01 NEW CASTLE COUNTY | 72 | 90 | 1 | | 186 | 89 | .75 | .60 | 45 |
| DELAWARE | 08 | 0180005 | F01 NEW CASTLE COUNTY | 72 | 60 | | | 123 | 96 | * | * | |
| DELAWARE | 08 | 0180006 | F01 NEW CASTLE COUNTY | 72 | 93 | | | 96 | 81 | .71 | .57 | 43 |
| DELAWARE | 08 | 0180007 | F01 NEW CASTLE COUNTY | 72 | 72 | | | 137 | 116 | * | * | |
| DELAWARE | 08 | 0180010 | F01 NEW CASTLE COUNTY | 72 | 92 | 1 | | 184 | 143 | .91 | .73 | 55 |
| DELAWARE | 08 | 0180011 | F01 NEW CASTLE COUNTY | 72 | 86 | | | 107 | 98 | .86 | .69 | 52 |
| DELAWARE | 08 | 0260002 | F01 WILMINGTON | 72 | 89 | 7 | | 223 | 197 | 1.31 | 1.05 | 79 |
| DELAWARE | 08 | 0260003 | A01 WILMINGTON | 72 | 28 | 1 | | 229 | 146 | 1.38 | 1.10 | 83 |
| DELAWARE | 08 | 0260004 | F01 WILMINGTON | 72 | 85 | 33 | 12 | 555 | 461 | 2.08 | 1.66 | 125 |
| NEW JERSEY | 31 | 0340001 | F01 BERLIN BORO | 72 | 22 | | | 83 | 82 | * | * | |
| NEW JERSEY | 31 | 0640002 | F01 BURLINGTON | 72 | 36 | | | 91 | 87 | * | * | |
| NEW JERSEY | 31 | 0660003 | F01 BURLINGTON COUNTY | 72 | 22 | | | 105 | 82 | * | * | |
| NEW JERSEY | 31 | 0660004 | F01 BURLINGTON COUNTY | 72 | 52 | | | 120 | 92 | .61 | .49 | 37 |
| NEW JERSEY | 31 | 0660005 | F01 BURLINGTON COUNTY | 72 | 40 | | | 87 | 84 | * | * | |
| NEW JERSEY | 31 | 0720001 | A01 CAMDEN | 72 | 19 | 4 | | 199 | 189 | * | * | |
| NEW JERSEY | 31 | 0740001 | F01 CAMDEN COUNTY | 72 | 52 | | | 76 | 64 | .51 | .41 | 31 |
| NEW JERSEY | 31 | 0740002 | A01 CAMDEN COUNTY | 72 | 28 | | | 128 | 93 | .98 | .78 | 59 |
| NEW JERSEY | 31 | 1700001 | A01 GLASSBORO | 72 | 29 | | | 102 | 95 | .86 | .69 | 52 |
| NEW JERSEY | 31 | 2980001 | F01 MERCER COUNTY | 72 | 21 | | | 101 | 68 | * | * | |
| NEW JERSEY | 31 | 2980002 | F01 MERCER COUNTY | 72 | 42 | | | 122 | 94 | * | * | |
| NEW JERSEY | 31 | 2980003 | F01 MERCER COUNTY | 72 | 50 | 3 | 1 | 262 | 162 | .95 | .76 | 57 |
| NEW JERSEY | 31 | 5400001 | A01 TRENTON | 72 | 28 | | | 123 | 122 | 1.18 | .94 | 71 |
| NEW JERSEY | 31 | 5400001 | F01 TRENTON | 72 | 55 | 1 | | 171 | 150 | 1.13 | .90 | 68 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | PPI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PENNSYLVANIA | 39 | 1080102 | F01 | BRISTOL | 72 | 44 | 2 | 1 | 307 | 206 | 1.31 | 1.05 | 79 |
| PENNSYLVANIA | 39 | 1200105 | F03 | BUCKS COUNTY | 72 | 48 | | | 100 | 87 | .71 | .57 | 43 |
| PENNSYLVANIA | 39 | 1200114 | F01 | BUCKS COUNTY | 72 | 47 | | | 72 | 65 | .66 | .53 | 40 |
| PENNSYLVANIA | 39 | 1200117 | F03 | BUCKS COUNTY | 72 | 37 | 1 | | 167 | 82 | .80 | .64 | 48 |
| PENNSYLVANIA | 39 | 1620107 | F01 | CHESTER | 72 | 45 | 2 | | 187 | 159 | 1.35 | 1.08 | 81 |
| PENNSYLVANIA | 39 | 1660115 | F02 | CHESTER COUNTY | 72 | 39 | 3 | | 197 | 178 | 1.43 | 1.14 | 86 |
| PENNSYLVANIA | 39 | 2020112 | F01 | CONSHOHOCKEN | 72 | 26 | 4 | 1 | 262 | 201 | " | " | |
| PENNSYLVANIA | 39 | 2460104 | F01 | DOWNINGTOWN | 72 | 31 | 1 | | 182 | 149 | " | " | |
| PENNSYLVANIA | 39 | 4720111 | F03 | LANSDALE | 72 | 39 | 3 | | 232 | 193 | 1.13 | .90 | 68 |
| PENNSYLVANIA | 39 | 5620106 | F01 | MEDIA | 72 | 43 | 2 | | 216 | 166 | 1.23 | .98 | 74 |
| PENNSYLVANIA | 39 | 6000103 | F01 | MONTGOMERY COUNTY | 72 | 30 | | | 124 | 98 | " | " | |
| PENNSYLVANIA | 39 | 6930116 | F03 | OXFORD | 72 | 29 | | | 115 | 93 | | " | |
| PENNSYLVANIA | 39 | 7100108 | F01 | PERKASIE | 72 | 34 | | | 78 | 76 | | " | |
| PENNSYLVANIA | 39 | 7140001 | A01 | PHILADELPHIA | 72 | 22 | 1 | | 160 | 134 | | | |
| PENNSYLVANIA | 39 | 7140002 | A10 | PHILADELPHIA | 72 | 43 | 16 | 2 | 399 | 397 | " | | |
| PENNSYLVANIA | 39 | 7140003 | H01 | PHILADELPHIA | 72 | 327 | 11 | | 245 | 190 | 1.30 | 1.04 | 78 |
| PENNSYLVANIA | 39 | 7140004 | H01 | PHILADELPHIA | 72 | 340 | 14 | | 225 | 222 | 1.10 | .88 | 66 |
| PENNSYLVANIA | 39 | 7200113 | F01 | PHOENIXVILLE | 72 | 34 | | | 116 | 104 | .96 | .77 | 58 |
| PENNSYLVANIA | 39 | 7480101 | F01 | POTTSTOWN | 72 | 36 | 3 | | 242 | 206 | 1.23 | .98 | 74 |
| PENNSYLVANIA | 39 | 7560109 | F01 | QUAKERTOWN | 72 | 39 | | | 110 | 101 | 1.00 | .80 | 60 |
| PENNSYLVANIA | 39 | 9160001 | A01 | WARMINSTER | 72 | 5 | | | 76 | 73 | " | " | |
| PENNSYLVANIA | 39 | 9280110 | F01 | WEST CHESTER | 72 | 47 | 1 | | 174 | 121 | 1.11 | .89 | 67 |
| 046 SOUTHERN DELAWARE | | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| DELAWARE | 08 | 0020001 | F01 | DOVER | 72 | 75 | | | 94 | 90 | | " | |
| DELAWARE | 08 | 0060001 | A03 | KENT COUNTY | 72 | 13 | | | 82 | 60 | " | " | |
| 047 NATIONAL CAPITAL (D.C.-MD-VA) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| DIST COLUMBIA | 09 | 0020001 | A01 | WASHINGTON | 72 | 24 | 2 | | 167 | 162 | " | " | |
| DIST COLUMBIA | 09 | 0020003 | A10 | WASHINGTON | 72 | 104 | 12 | 2 | 389 | 325 | 1.50 | 1.20 | 90 |
| MARYLAND | 21 | 0200001 | G01 | BETHESDA | 72 | 60 | | | 120 | 92 | .73 | .58 | 44 |
| MARYLAND | 21 | 0200004 | F01 | BETHESDA | 72 | 58 | | | 143 | 86 | .83 | .66 | 50 |
| MARYLAND | 21 | 0320001 | G01 | CAPITOL HGTS MD | 72 | 53 | | | 96 | 94 | .81 | .65 | 49 |
| MARYLAND | 21 | 0480001 | G01 | CHEVERLY MD | 72 | 49 | | | 126 | 116 | .91 | .73 | 55 |
| MARYLAND | 21 | 0520001 | K01 | COLLEGE PARK | 72 | 12 | 3 | 1 | 263 | 177 | " | " | |
| MARYLAND | 21 | 0780003 | G01 | GAITHERSBURG | 72 | 59 | 1 | | 175 | 124 | .88 | .70 | 53 |
| MARYLAND | 21 | 0980002 | G01 | HYATTSVILLE MD | 72 | 52 | 1 | | 163 | 142 | .85 | .68 | 51 |
| MARYLAND | 21 | 1060001 | G01 | LAUREL MD | 72 | 48 | 1 | | 179 | 138 | .95 | .76 | 57 |
| MARYLAND | 21 | 1160005 | G01 | MONTGOMERY COUNTY | 72 | 9 | | | 71 | 69 | " | " | |
| MARYLAND | 21 | 1160008 | G01 | MONTGOMERY COUNTY | 72 | 61 | | | 142 | 128 | .71 | .57 | 43 |
| MARYLAND | 21 | 1160010 | F01 | MONTGOMERY COUNTY | 72 | 56 | | | 97 | 96 | .76 | .61 | 46 |
| MARYLAND | 21 | 1160011 | G01 | MONTGOMERY COUNTY | 72 | 44 | | | 124 | 92 | | " | |
| MARYLAND | 21 | 1300001 | G01 | PRINCE GEORGE'S COUNTY | 72 | 59 | | | 90 | 78 | .61 | .49 | 37 |
| MARYLAND | 21 | 1300002 | G01 | PRINCE GEORGE'S COUNTY | 72 | 51 | | | 110 | 103 | .70 | .56 | 42 |
| MARYLAND | 21 | 1300003 | G01 | PRINCE GEORGE'S COUNTY | 72 | 54 | | | 79 | 78 | .65 | .52 | 39 |
| MARYLAND | 21 | 1300006 | G01 | PRINCE GEORGE'S COUNTY | 72 | 59 | | | 129 | 122 | .86 | .69 | 52 |
| MARYLAND | 21 | 1300010 | G01 | PRINCE GEORGE'S COUNTY | 72 | 54 | 2 | 1 | 273 | 172 | 1.06 | .85 | 64 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MARYLAND | 21 | 1300011 | G01 | PRINCE GEORGE'S COUNTY | 72 | 53 | | | | 99 | 98 | .71 | .57 | 43 |
| MARYLAND | 21 | 1300012 | G01 | PRINCE GEORGE'S COUNTY | 72 | 55 | 1 | | | 178 | 80 | .66 | .53 | 40 |
| MARYLAND | 21 | 1300018 | G01 | PRINCE GEORGE'S COUNTY | 72 | 38 | | | | 72 | 62 | .53 | .42 | 32 |
| MARYLAND | 21 | 1300019 | G01 | PRINCE GEORGE'S COUNTY | 72 | 57 | | | | 99 | 91 | .73 | .58 | 44 |
| MARYLAND | 21 | 1300020 | G01 | PRINCE GEORGE'S COUNTY | 72 | 54 | | | | 115 | 77 | .70 | .56 | 42 |
| MARYLAND | 21 | 1300021 | G01 | PRINCE GEORGE'S COUNTY | 72 | 55 | | | | 96 | 89 | .80 | .64 | 48 |
| MARYLAND | 21 | 1380002 | G01 | ROCKVILLE | 72 | 57 | 1 | | | 178 | 116 | .96 | .77 | 58 |
| MARYLAND | 21 | 1480001 | G01 | SILVER SPRING | 72 | 59 | | | | 138 | 106 | .80 | .64 | 48 |
| MARYLAND | 21 | 1480003 | F01 | SILVER SPRING | 72 | 53 | | | | 130 | 85 | .85 | .68 | 51 |
| MARYLAND | 21 | 1480005 | G01 | SILVER SPRING | 72 | 54 | | | | 144 | 124 | .83 | .66 | 50 |
| MARYLAND | 21 | 1480007 | G01 | SILVER SPRING | 72 | 55 | | | | 125 | 92 | .78 | .62 | 47 |
| VIRGINIA | 48 | 0080004 | F02 | ALEXANDRIA | 72 | 56 | 2 | | | 164 | 163 | * | * | |
| VIRGINIA | 48 | 0080004 | H01 | ALEXANDRIA | 72 | 19 | 1 | | | 156 | 129 | * | * | |
| VIRGINIA | 48 | 0080007 | H01 | ALEXANDRIA | 72 | 90 | | | | 134 | 122 | 1.05 | .84 | 63 |
| VIRGINIA | 48 | 0080009 | H01 | ALEXANDRIA | 72 | 87 | 1 | | | 153 | 140 | 1.18 | .94 | 71 |
| VIRGINIA | 48 | 0080010 | H01 | ALEXANDRIA | 72 | 87 | | | | 149 | 100 | .96 | .77 | 58 |
| VIRGINIA | 48 | 0080011 | H01 | ALEXANDRIA | 72 | 88 | | | | 145 | 117 | 1.06 | .85 | 64 |
| VIRGINIA | 48 | 0080012 | H01 | ALEXANDRIA | 72 | 84 | | | | 134 | 111 | .98 | .78 | 59 |
| VIRGINIA | 48 | 0080019 | H01 | ALEXANDRIA | 72 | 69 | 3 | | | 182 | 169 | 1.20 | .96 | 72 |
| VIRGINIA | 48 | 0170001 | G01 | ANNANDALE | 72 | 30 | | | | 112 | 63 | * | * | |
| VIRGINIA | 48 | 0200002 | G01 | ARLINGTON COUNTY | 72 | 62 | | | | 139 | 130 | * | * | |
| VIRGINIA | 48 | 0200003 | G02 | ARLINGTON COUNTY | 72 | 46 | 1 | | | 182 | 144 | * | * | |
| VIRGINIA | 48 | 0200012 | G01 | ARLINGTON COUNTY | 72 | 62 | | | | 122 | 110 | * | * | |
| VIRGINIA | 48 | 0200014 | G03 | ARLINGTON COUNTY | 72 | 47 | | | | 136 | 116 | * | * | |
| VIRGINIA | 48 | 0200015 | G01 | ARLINGTON COUNTY | 72 | 51 | 1 | | | 185 | 145 | * | * | |
| VIRGINIA | 48 | 0200017 | G02 | ARLINGTON COUNTY | 72 | 61 | | | | 139 | 125 | * | * | |
| VIRGINIA | 48 | 0270007 | G01 | BAILEY'S CROSSROADS | 72 | 93 | | | | 125 | 113 | | * | |
| VIRGINIA | 48 | 1040003 | G01 | FAIRFAX VA | 72 | 123 | | | | 111 | 102 | .78 | .62 | 47 |
| VIRGINIA | 48 | 1060001 | A01 | FAIRFAX COUNTY | 72 | 30 | | | | 87 | 83 | .76 | .61 | 46 |
| VIRGINIA | 48 | 1060005 | G01 | FAIRFAX CO VA | 72 | 119 | | | | 99 | 89 | .70 | .56 | 42 |
| VIRGINIA | 48 | 1080003 | G01 | FALLS CHURCH VA | 72 | 124 | | | | 148 | 123 | 1.05 | .84 | 63 |
| VIRGINIA | 48 | 1410001 | G01 | GROVETON | 72 | 116 | | | | 122 | 121 | .93 | .74 | 56 |
| VIRGINIA | 48 | 1720001 | F02 | LEESBURG | 72 | 111 | | | | 126 | 117 | .78 | .62 | 47 |
| VIRGINIA | 48 | 1760002 | F02 | LOUDOUN COUNTY | 72 | 109 | 19 | | 4 | 366 | 301 | 1.26 | 1.01 | 76 |
| VIRGINIA | 48 | 1850010 | G01 | MCLEAN | 72 | 90 | | | | 135 | 101 | | * | |
| VIRGINIA | 48 | 1880001 | F01 | MANASSAS | 72 | 62 | 2 | | | 200 | 159 | 1.08 | .86 | 65 |
| VIRGINIA | 48 | 2520006 | F01 | PRINCE WILLIAM COUNTY | 72 | 27 | 4 | | 2 | 351 | 295 | * | * | |
| VIRGINIA | 48 | 2520007 | F02 | PRINCE WILLIAM COUNTY | 72 | 18 | | | | 137 | 93 | * | * | |
| VIRGINIA | 48 | 2630001 | G01 | RESTON | 72 | 109 | | | | 104 | 94 | .66 | .53 | 40 |
| VIRGINIA | 48 | 3020002 | G01 | SPRINGFIELD | 72 | 102 | | | | 123 | 111 | .90 | .72 | 54 |
| VIRGINIA | 48 | 3430001 | F01 | WOODBRIDGE | 72 | 73 | 2 | | | 228 | 162 | 1.00 | .80 | 60 |
| 048 CENTRAL FLORIDA | | | | | | ** PRIORITY 2 ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| FLORIDA | 10 | 2680001 | F01 | MERRITT ISLAND | 72 | 37 | | | | 59 | 57 | * | * | |
| FLORIDA | 10 | 3280002 | F01 | ORLANDO | 72 | 12 | | | | 116 | 67 | * | * | |
| FLORIDA | 10 | 3280003 | F01 | ORLANDO | 72 | 14 | | | | 81 | 61 | * | * | |
| FLORIDA | 10 | 4480001 | F01 | TITUSVILLE | 72 | 15 | | | | 61 | 56 | * | * | |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 049 JACKSONVILLE-BRUNSWICK (FLA-GA) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| FLORIDA | 10 | 1960007 | A01 | JACKSONVILLE | 72 | 28 | | | 103 | 96 | .80 | .64 | 48 |
| FLORIDA | 10 | 1960004 | H01 | JACKSONVILLE | 72 | 285 | 20 | 3 | 420 | 365 | 1.21 | .97 | 73 |
| FLORIDA | 10 | 1960017 | H01 | JACKSONVILLE | 72 | 43 | 1 | | 177 | 91 | | | |
| FLORIDA | 10 | 1960028 | H01 | JACKSONVILLE | 72 | 35 | | | 134 | 117 | | | |
| FLORIDA | 10 | 1960031 | H01 | JACKSONVILLE | 72 | 43 | 1 | | 185 | 74 | | | |
| FLORIDA | 10 | 1960032 | H01 | JACKSONVILLE | 72 | 44 | 4 | 1 | 305 | 234 | | | |
| FLORIDA | 10 | 1960033 | H01 | JACKSONVILLE | 72 | 45 | 1 | | 154 | 108 | | | |
| FLORIDA | 10 | 1960038 | H01 | JACKSONVILLE | 72 | 42 | 1 | | 180 | 150 | | | |
| FLORIDA | 10 | 1960039 | H01 | JACKSONVILLE | 72 | 45 | 2 | | 191 | 151 | | | |
| FLORIDA | 10 | 1960042 | H01 | JACKSONVILLE | 72 | 41 | | | 93 | 65 | | | |
| FLORIDA | 10 | 1960043 | H01 | JACKSONVILLE | 72 | 38 | | | 94 | 75 | | | |
| FLORIDA | 10 | 1960045 | H01 | JACKSONVILLE | 72 | 43 | | | 100 | 90 | | | |
| GEORGIA | 11 | 3600001 | F01 | BRUNSWICK | 72 | 14 | 1 | | 162 | 133 | | | |
| 050 SOUTHEAST FLORIDA | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| FLORIDA | 10 | 0280002 | G01 | BOCA RATON | 72 | 22 | | | 49 | 40 | | | |
| FLORIDA | 10 | 0860007 | P02 | DADE COUNTY | 72 | 97 | | | 59 | 52 | | | |
| FLORIDA | 10 | 0860008 | P02 | DADE COUNTY | 72 | 97 | | | 66 | 58 | | | |
| FLORIDA | 10 | 0860009 | P02 | DADE COUNTY | 72 | 87 | | | 66 | 62 | | | |
| FLORIDA | 10 | 0860010 | P02 | DADE COUNTY | 72 | 83 | | | 59 | 47 | | | |
| FLORIDA | 10 | 0860011 | P02 | DADE COUNTY | 72 | 97 | | | 60 | 58 | | | |
| FLORIDA | 10 | 1000002 | G01 | DELRAY BEACH | 72 | 23 | | | 67 | 55 | | | |
| FLORIDA | 10 | 2700002 | A01 | MIAMI | 72 | 28 | | | 132 | 113 | 1.03 | .82 | 62 |
| FLORIDA | 10 | 3420003 | G01 | PALM BEACH COUNTY | 72 | 22 | | | 46 | 40 | | | |
| FLORIDA | 10 | 3420004 | G01 | PALM BEACH COUNTY | 72 | 23 | | | 39 | 35 | | | |
| FLORIDA | 10 | 3420005 | G01 | PALM BEACH COUNTY | 72 | 17 | | | 67 | 49 | | | |
| FLORIDA | 10 | 4450001 | G01 | TEQUESTA | 72 | 20 | | | 44 | 38 | | | |
| 052 WEST CENTRAL FLORIDA | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| FLORIDA | 10 | 0320002 | G02 | BRADENTON | 72 | 14 | | | 94 | 81 | | | |
| FLORIDA | 10 | 1680001 | A03 | HARDEE COUNTY | 72 | 24 | | | 94 | 68 | .48 | .38 | 29 |
| FLORIDA | 10 | 1865001 | G02 | HOLMES BEACH | 72 | 12 | | | 66 | 53 | | | |
| FLORIDA | 10 | 2540004 | G03 | MANATEE COUNTY | 72 | 12 | | | 87 | 41 | | | |
| FLORIDA | 10 | 2540005 | G02 | MANATEE COUNTY | 72 | 24 | | | 72 | 64 | | | |
| FLORIDA | 10 | 2540008 | G02 | MANATEE COUNTY | 72 | 27 | | | 107 | 67 | | | |
| FLORIDA | 10 | 2540011 | G02 | MANATEE COUNTY | 72 | 10 | | | 87 | 80 | | | |
| FLORIDA | 10 | 2540012 | G02 | MANATEE COUNTY | 72 | 21 | 7 | 4 | 975 | 659 | | | |
| FLORIDA | 10 | 3440001 | G02 | PALMETTO | 72 | 10 | | | 79 | 65 | | | |
| FLORIDA | 10 | 3980002 | A01 | ST PETERSBURG | 72 | 28 | | | 74 | 59 | .75 | .60 | 45 |
| FLORIDA | 10 | 4360002 | A01 | TAMPA | 72 | 27 | | | 136 | 121 | 1.25 | 1.00 | 75 |
| 053 AUGUSTA-AIKEN (GA-S.C.) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| GEORGIA | 11 | 0220001 | F01 | AUGUSTA | 72 | 19 | | | 85 | 82 | | | |
| SOUTH CAROLINA | 42 | 0060001 | F01 | AIKEN | 72 | 52 | | | 140 | 121 | .81 | .65 | 49 |
| SOUTH CAROLINA | 42 | 0080001 | F01 | AIKEN COUNTY | 72 | 42 | | | 106 | 95 | | | |
| SOUTH CAROLINA | 42 | 0140001 | F01 | ALLENDALE | 72 | 11 | | | 97 | 79 | | | |

# Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH CAROLINA | 42 | 1800001 | F01 NORTH AUGUSTA | 72 | 17 | | | 72 | 70 | | | |
| SOUTH CAROLINA | 42 | 1840001 | F01 ORANGEBURG | 72 | 56 | | | 105 | 95 | .71 | .57 | 43 |
| 054 CENTRAL GEORGIA | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| GEORGIA | 11 | 3340002 | F01 LYONS | 72 | 17 | 1 | | 183 | 88 | | | |
| GEORGIA | 11 | 3440002 | F01 MACON | 72 | 25 | 1 | | 156 | 124 | | | |
| GEORGIA | 11 | 3440003 | F01 MACON | 72 | 25 | 2 | | 189 | 162 | | | |
| GEORGIA | 11 | 3440004 | F01 MACON | 72 | 20 | 1 | | 151 | 83 | | | |
| GEORGIA | 11 | 3440005 | F01 MACON | 72 | 27 | | | 133 | 125 | | | |
| 055 CHATTANOOGA (GA-TENN) | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| GEORGIA | 11 | 0900001 | F01 CATOOSA COUNTY | 72 | 18 | 1 | | 155 | 110 | | | |
| GEORGIA | 11 | 4380001 | F01 ROME | 72 | 31 | 1 | | 159 | 132 | | | |
| GEORGIA | 11 | 4400002 | F01 ROSSVILLE | 72 | 25 | 3 | 1 | 274 | 184 | | | |
| TENNESSEE | 44 | 0380001 | A01 CHATTANOOGA | 72 | 26 | 4 | 1 | 401 | 251 | 1.76 | 1.41 | 106 |
| TENNESSEE | 44 | 0380006 | G01 CHATTANOOGA | 72 | 53 | 9 | | 186 | 179 | 1.55 | 1.24 | 93 |
| TENNESSEE | 44 | 0380017 | G01 CHATTANOOGA | 72 | 52 | 2 | | 176 | 163 | .73 | .58 | 44 |
| TENNESSEE | 44 | 0380018 | G01 CHATTANOOGA | 72 | 89 | 7 | 3 | 450 | 316 | 1.03 | .82 | 62 |
| TENNESSEE | 44 | 0380019 | G01 CHATTANOOGA | 72 | 57 | 15 | | 217 | 208 | 1.50 | 1.20 | 90 |
| TENNESSEE | 44 | 0380020 | G01 CHATTANOOGA | 72 | 314 | 40 | 3 | 283 | 268 | 1.53 | 1.22 | 92 |
| TENNESSEE | 44 | 0380021 | G01 CHATTANOOGA | 72 | 48 | | | 116 | 110 | .61 | .49 | 37 |
| TENNESSEE | 44 | 0900001 | G01 EAST RIDGE | 72 | 19 | | | 138 | 129 | | | |
| TENNESSEE | 44 | 1280002 | G01 HAMILTON COUNTY | 72 | 39 | 1 | | 156 | 136 | | | |
| 056 METROPOLITAN ATLANTA (GA) | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| GEORGIA | 11 | 0200001 | A01 ATLANTA | 72 | 29 | 1 | | 203 | 134 | 1.36 | 1.09 | 82 |
| GEORGIA | 11 | 1600001 | F01 DECATUR | 72 | 12 | | | 83 | 80 | | | |
| GEORGIA | 11 | 1640001 | F01 DEKALB COUNTY | 72 | 10 | | | 64 | 58 | | | |
| GEORGIA | 11 | 1820001 | F01 DOUGLASVILLE | 72 | 19 | | | 122 | 122 | | | |
| GEORGIA | 11 | 2160001 | F01 FOREST PARK | 72 | 21 | | | 134 | 107 | | | |
| GEORGIA | 11 | 3180001 | F01 LAWRENCEVILLE | 72 | 15 | | | 95 | 92 | | | |
| GEORGIA | 11 | 3370001 | F01 MCDONOUGH | 72 | 18 | | | 105 | 98 | | | |
| GEORGIA | 11 | 3540001 | F01 MARIETTA | 72 | 23 | | | 92 | 91 | | | |
| 057 NORTHEAST GEORGIA | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| GEORGIA | 11 | 0160001 | F01 ATHENS | 72 | 7 | | | 81 | 67 | | | |
| GEORGIA | 11 | 2280001 | F01 GAINESVILLE | 72 | 27 | | | 88 | 58 | | | |
| 058 SAVANNAH-BEAUFORT (GA-S.C.) | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| GEORGIA | 11 | 4500001 | A01 SAVANNAH | 72 | 27 | 1 | | 180 | 124 | 1.05 | .84 | 63 |
| GEORGIA | 11 | 4500001 | F01 SAVANNAH | 72 | 16 | 1 | | 164 | 137 | | | |
| GEORGIA | 11 | 4500002 | F01 SAVANNAH | 72 | 15 | 5 | 1 | 396 | 254 | | | |
| GEORGIA | 11 | 4500003 | F01 SAVANNAH | 72 | 13 | | | 138 | 133 | | | |
| GEORGIA | 11 | 4500005 | F01 SAVANNAH | 72 | 10 | | | 57 | 56 | | | |
| SOUTH CAROLINA | 42 | 0340001 | F01 BEAUFORT | 72 | 55 | | | 82 | 79 | .60 | .48 | 36 |
| SOUTH CAROLINA | 42 | 0340006 | F01 BEAUFORT | 72 | 56 | 1 | | 157 | 90 | .68 | .54 | 41 |
| SOUTH CAROLINA | 42 | 0360001 | F01 BEAUFORT COUNTY | 72 | 51 | | | 94 | 80 | .56 | .45 | 34 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 059 SOUTHWEST GEORGIA | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| GEORGIA | 11 | 0040002 | F01 ALBANY | 72 | 30 | | | 134 | 133 | | | |
| GEORGIA | 11 | 5220002 | F01 VALDOSTA | 72 | 30 | | | 105 | 100 | | | |
| 060 HAWAII | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| HAWAII | 12 | 0040001 | F02 EWA | 72 | 25 | 16 | 7 | 489 | 432 | | | |
| HAWAII | 12 | 0040002 | F02 EWA | 72 | 89 | 1 | | 154 | 128 | | | |
| HAWAII | 12 | 0080001 | A05 HAWAII COUNTY | 72 | 28 | | | 22 | 20 | .11 | .09 | 7 |
| HAWAII | 12 | 0080002 | A05 HAWAII COUNTY | 72 | 29 | | | 70 | 63 | .53 | .42 | 32 |
| HAWAII | 12 | 0090001 | A03 HAWAII VOLCANOES N P | 72 | 27 | | | 50 | 42 | .25 | .20 | 15 |
| HAWAII | 12 | 0100001 | F01 HILO | 72 | 78 | | | 108 | 94 | .53 | .42 | 32 |
| HAWAII | 12 | 0120001 | A01 HONOLULU | 72 | 30 | | | 70 | 66 | .66 | .53 | 40 |
| HAWAII | 12 | 0120001 | F01 HONOLULU | 72 | 363 | | | 114 | 109 | .65 | .52 | 39 |
| HAWAII | 12 | 0120004 | F01 HONOLULU | 72 | 123 | 2 | | 232 | 185 | 1.25 | 1.00 | 75 |
| HAWAII | 12 | 0120005 | F01 HONOLULU | 72 | 113 | | | 131 | 131 | 1.13 | .90 | 68 |
| HAWAII | 12 | 0160001 | F01 KAHULUI | 72 | 101 | 1 | | 184 | 104 | .96 | .77 | 58 |
| HAWAII | 12 | 0340001 | F03 MAUI COUNTY | 72 | 79 | | | 125 | 124 | | | |
| HAWAII | 12 | 0370001 | F01 PEARL CITY | 72 | 112 | 1 | | 171 | 91 | .70 | .56 | 42 |
| HAWAII | 12 | 0480002 | F03 WAIMANALO | 72 | 110 | | | 78 | 77 | .53 | .42 | 32 |
| 061 EASTERN IDAHO | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| IDAHO | 13 | 0080004 | F02 BANNOCK COUNTY | 72 | 73 | 19 | 3 | 292 | 287 | | | |
| IDAHO | 13 | 0080013 | F02 BANNOCK COUNTY | 72 | 22 | 10 | | 220 | 203 | | | |
| IDAHO | 13 | 0340001 | A03 BUTTE COUNTY | 72 | 26 | | | 35 | 28 | .18 | .14 | 11 |
| IDAHO | 13 | 0420002 | F02 CARIBOU COUNTY | 72 | 100 | 3 | | 236 | 198 | .60 | .48 | 36 |
| IDAHO | 13 | 0420013 | F02 CARIBOU COUNTY | 72 | 58 | 22 | 8 | 475 | 449 | | | |
| IDAHO | 13 | 0760004 | F01 IDAHO FALLS | 72 | 130 | 22 | 2 | 303 | 272 | 1.48 | 1.18 | 89 |
| IDAHO | 13 | 1240003 | F02 POCATELLO | 72 | 30 | | | 141 | 99 | | | |
| IDAHO | 13 | 1240004 | F02 POCATELLO | 72 | 40 | 3 | | 169 | 159 | | | |
| IDAHO | 13 | 1240005 | F02 POCATELLO | 72 | 55 | | | 141 | 129 | | | |
| IDAHO | 13 | 1240006 | F02 POCATELLO | 72 | 58 | 3 | | 210 | 190 | | | |
| 062 EASTERN WASHINGTON-NORTHERN IDAHO (IDAHO-WASHINGTO | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| IDAHO | 13 | 0500001 | F01 COEUR D'ALENE | 72 | 101 | 4 | | 254 | 214 | 1.08 | .86 | 65 |
| IDAHO | 13 | 0840006 | F02 KELLOGG | 72 | 36 | 12 | 1 | 346 | 241 | 1.95 | 1.56 | 117 |
| IDAHO | 13 | 0860002 | F03 KOOTENAI COUNTY | 72 | 36 | 2 | | 168 | 152 | .76 | .61 | 46 |
| IDAHO | 13 | 0940001 | F02 LEWISTON | 72 | 55 | 19 | 1 | 297 | 218 | | | |
| IDAHO | 13 | 0940004 | F01 LEWISTON | 72 | 232 | 38 | 5 | 387 | 335 | 1.68 | 1.34 | 101 |
| IDAHO | 13 | 0940005 | F01 LEWISTON | 72 | 78 | 9 | 1 | 268 | 217 | 1.41 | 1.13 | 85 |
| IDAHO | 13 | 1060001 | F01 MOSCOW | 72 | 17 | 2 | | 201 | 181 | | | |
| IDAHO | 13 | 1420004 | F02 SHOSHONE COUNTY | 72 | 37 | 13 | 3 | 273 | 269 | 2.18 | 1.74 | 131 |
| WASHINGTON | 49 | 0040001 | F03 ADAMS COUNTY | 72 | 18 | 2 | 1 | 331 | 152 | | | |
| WASHINGTON | 49 | 0380001 | F01 CLARKSTON | 72 | 74 | 15 | | 232 | 229 | 1.53 | 1.22 | 92 |
| WASHINGTON | 49 | 0380002 | F01 CLARKSTON | 72 | 8 | 3 | | 246 | 214 | | | |
| WASHINGTON | 49 | 0400001 | F01 COLFAX | 72 | 83 | 9 | | 226 | 199 | 1.21 | .97 | 73 |
| WASHINGTON | 49 | 0620001 | F01 EPHRATA | 72 | 92 | | | 140 | 95 | .56 | .45 | 34 |
| WASHINGTON | 49 | 0820001 | F03 GRANT COUNTY | 72 | 87 | | | 133 | 126 | .63 | .50 | 38 |
| WASHINGTON | 49 | 1120001 | F01 LINCOLN COUNTY | 72 | 24 | 4 | 2 | 344 | 310 | | | |

# Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WASHINGTON | 49 | 1260001 | F01 | MOSES LAKE | 72 | 16 | | | 111 | 101 | - | - | |
| WASHINGTON | 49 | 2040001 | A01 | SPOKANE | 72 | 29 | 5 | 2 | 316 | 307 | 1.45 | 1.16 | 87 |
| WASHINGTON | 49 | 2040001 | I01 | SPOKANE | 72 | 24 | 1 | | 185 | 140 | | - | |
| WASHINGTON | 49 | 2040011 | F01 | SPOKANE | 72 | 92 | 5 | | 235 | 197 | 1.20 | .96 | 72 |
| WASHINGTON | 49 | 2040012 | F01 | SPOKANE | 72 | 92 | 29 | 3 | 330 | 317 | 1.63 | 1.30 | 98 |
| 063 IDAHO (REMAINDER) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| IDAHO | 13 | 1460001 | F01 | TWIN FALLS | 72 | 137 | 47 | 11 | 484 | 450 | 1.96 | 1.57 | 118 |
| IDAHO | 13 | 1460002 | F01 | TWIN FALLS | 72 | 172 | 5 | | 190 | 186 | - | - | |
| IDAHO | 13 | 1480001 | F03 | TWIN FALLS COUNTY | 72 | 100 | 4 | | 221 | 212 | .76 | .61 | 46 |
| 064 METROPOLITAN BOISE (IDAHO) | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| IDAHO | 13 | 0020001 | F03 | ADA COUNTY | 72 | 113 | 1 | | 242 | 124 | .65 | .52 | 39 |
| IDAHO | 13 | 0220001 | A01 | BOISE | 72 | 29 | 1 | | 254 | 130 | 1.15 | .92 | 69 |
| IDAHO | 13 | 0220002 | F01 | BOISE | 72 | 74 | 14 | 1 | 307 | 237 | 1.70 | 1.36 | 102 |
| IDAHO | 13 | 0220003 | F01 | BOISE | 72 | 43 | 6 | 1 | 423 | 199 | - | - | |
| IDAHO | 13 | 0220005 | F01 | BOISE | 72 | 241 | 1 | | 156 | 138 | .95 | .76 | 57 |
| IDAHO | 13 | 0360001 | F01 | CALDWELL | 72 | 83 | 8 | | 221 | 175 | 1.43 | 1.14 | 86 |
| IDAHO | 13 | 1120001 | F01 | NAMPA | 72 | 87 | 28 | 11 | 553 | 437 | 1.90 | 1.52 | 114 |
| 065 BURLINGTON-KEOKUK (ILL-IOWA) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| ILLINOIS | 14 | 6080001 | A01 | PEORIA | 72 | 30 | 1 | | 186 | 109 | 1.30 | 1.04 | 78 |
| IOWA | 16 | 2160001 | F01 | KEOKUK | 72 | 50 | 1 | 1 | 299 | 150 | 1.08 | .86 | 65 |
| IOWA | 16 | 2160002 | F01 | KEOKUK | 72 | 37 | 11 | 8 | 667 | 655 | 1.95 | 1.56 | 117 |
| 067 METROPOLITAN CHICAGO (ILL-IND) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| ILLINOIS | 14 | 0500001 | G01 | BLUE ISLAND | 72 | 126 | 10 | 1 | 291 | 224 | 1.10 | .88 | 66 |
| ILLINOIS | 14 | 0780001 | G01 | CALUMET CITY | 72 | 127 | 7 | | 195 | 189 | .93 | .74 | 56 |
| ILLINOIS | 14 | 1220001 | A01 | CHICAGO | 72 | 27 | 3 | 1 | 336 | 222 | 1.61 | 1.29 | 97 |
| ILLINOIS | 14 | 1220002 | A10 | CHICAGO | 72 | 132 | 71 | 9 | 897 | 378 | 2.58 | 2.06 | 155 |
| ILLINOIS | 14 | 1220003 | H01 | CHICAGO | 72 | 139 | 9 | 1 | 295 | 200 | 1.15 | .92 | 69 |
| ILLINOIS | 14 | 1220004 | H01 | CHICAGO | 72 | 142 | 5 | 1 | 290 | 216 | 1.33 | 1.06 | 80 |
| ILLINOIS | 14 | 1220005 | H01 | CHICAGO | 72 | 138 | 16 | 1 | 334 | 206 | 1.68 | 1.34 | 101 |
| ILLINOIS | 14 | 1220006 | H01 | CHICAGO | 72 | 137 | 11 | 1 | 310 | 251 | 1.35 | 1.08 | 81 |
| ILLINOIS | 14 | 1220007 | H01 | CHICAGO | 72 | 127 | 17 | | 236 | 217 | 1.50 | 1.20 | 90 |
| ILLINOIS | 14 | 1220009 | H01 | CHICAGO | 72 | 129 | 16 | | 227 | 225 | 1.38 | 1.10 | 83 |
| ILLINOIS | 14 | 1220010 | H01 | CHICAGO | 72 | 137 | 17 | 1 | 270 | 246 | 1.31 | 1.05 | 79 |
| ILLINOIS | 14 | 1220011 | H01 | CHICAGO | 72 | 140 | 6 | 1 | 296 | 186 | 1.11 | .89 | 67 |
| ILLINOIS | 14 | 1220012 | H01 | CHICAGO | 72 | 125 | 33 | 2 | 376 | 321 | 1.93 | 1.54 | 116 |
| ILLINOIS | 14 | 1220013 | H01 | CHICAGO | 72 | 133 | 23 | 4 | 303 | 300 | 1.70 | 1.36 | 102 |
| ILLINOIS | 14 | 1220014 | H01 | CHICAGO | 72 | 135 | 14 | 1 | 283 | 260 | 1.45 | 1.16 | 87 |
| ILLINOIS | 14 | 1220015 | H01 | CHICAGO | 72 | 138 | 18 | 2 | 338 | 294 | 1.60 | 1.28 | 96 |
| ILLINOIS | 14 | 1220016 | H01 | CHICAGO | 72 | 119 | 14 | | 228 | 228 | 1.33 | 1.06 | 80 |
| ILLINOIS | 14 | 1220017 | H01 | CHICAGO | 72 | 139 | 14 | | 249 | 244 | 1.40 | 1.12 | 84 |
| ILLINOIS | 14 | 1220018 | H01 | CHICAGO | 72 | 135 | 25 | 8 | 454 | 366 | 1.68 | 1.34 | 101 |
| ILLINOIS | 14 | 1220019 | H01 | CHICAGO | 72 | 128 | 20 | 2 | 341 | 272 | 1.46 | 1.17 | 88 |
| ILLINOIS | 14 | 1220020 | H01 | CHICAGO | 72 | 130 | 2 | 1 | 317 | 193 | 1.18 | .94 | 71 |
| ILLINOIS | 14 | 1220021 | H01 | CHICAGO | 72 | 140 | 15 | | 245 | 233 | 1.45 | 1.16 | 87 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G STDS. 24-HR SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ILLINOIS | 14 | 1220022 | H01 CHICAGO | 72 | 136 | 59 | 9 | 397 | 320 | 2.23 | 1.78 | 134 |
| ILLINOIS | 14 | 1220025 | H01 CHICAGO | 72 | 139 | 9 | | 246 | 240 | 1.33 | 1.06 | 80 |
| ILLINOIS | 14 | 1220028 | H01 CHICAGO | 72 | 135 | 13 | 1 | 282 | 231 | 1.41 | 1.13 | 85 |
| ILLINOIS | 14 | 1220029 | H01 CHICAGO | 72 | 143 | 1 | | 153 | 141 | .80 | .64 | 48 |
| ILLINOIS | 14 | 1220030 | H01 CHICAGO | 72 | 135 | 26 | 5 | 404 | 322 | 1.55 | 1.24 | 93 |
| ILLINOIS | 14 | 1220031 | H01 CHICAGO | 72 | 137 | 40 | 7 | 332 | 309 | 1.85 | 1.48 | 111 |
| ILLINOIS | 14 | 1220032 | H01 CHICAGO | 72 | 128 | 7 | 1 | 277 | 236 | 1.15 | .92 | 69 |
| ILLINOIS | 14 | 1240001 | G01 CHICAGO HEIGHTS | 72 | 127 | | | 133 | 131 | .78 | .62 | 47 |
| ILLINOIS | 14 | 1340001 | G01 CICERO | 72 | 127 | 7 | | 214 | 186 | 1.23 | .98 | 74 |
| ILLINOIS | 14 | 1540001 | G01 COOK COUNTY | 72 | 127 | 6 | | 192 | 189 | 1.03 | .82 | 62 |
| ILLINOIS | 14 | 1840001 | G01 DES PLAINES | 72 | 125 | 1 | | 167 | 125 | .73 | .58 | 44 |
| ILLINOIS | 14 | 2520001 | G01 FLOSSMOOR | 72 | 127 | 2 | 1 | 275 | 169 | .83 | .66 | 50 |
| ILLINOIS | 14 | 2620001 | G01 FRANKLIN PARK | 72 | 118 | 1 | | 178 | 131 | .88 | .70 | 53 |
| ILLINOIS | 14 | 3180001 | G01 HARVEY | 72 | 126 | 2 | | 156 | 152 | .93 | .74 | 56 |
| ILLINOIS | 14 | 3420001 | G01 HILLSIDE | 72 | 127 | 6 | | 194 | 177 | .98 | .78 | 59 |
| ILLINOIS | 14 | 3760001 | A01 JOLIET | 72 | 26 | 4 | | 251 | 198 | 1.75 | 1.40 | 105 |
| ILLINOIS | 14 | 4960001 | G01 MAYWOOD | 72 | 127 | 2 | | 199 | 166 | .98 | .78 | 59 |
| ILLINOIS | 14 | 5080001 | G01 MIDLOTHIAN | 72 | 127 | | | 126 | 123 | .70 | .56 | 42 |
| ILLINOIS | 14 | 5540001 | G01 NILES | 72 | 128 | 1 | | 193 | 145 | .76 | .61 | 46 |
| ILLINOIS | 14 | 5620002 | A01 NORTH CHICAGO | 72 | 30 | | | 135 | 131 | 1.13 | .90 | 68 |
| ILLINOIS | 14 | 5740001 | G01 OAK PARK | 72 | 126 | | | 123 | 114 | .68 | .54 | 41 |
| ILLINOIS | 14 | 5860001 | G01 ORLAND PARK | 72 | 124 | 2 | | 170 | 169 | .78 | .62 | 47 |
| ILLINOIS | 14 | 5900001 | G01 PALATINE | 72 | 127 | | | 96 | 85 | .55 | .44 | 33 |
| ILLINOIS | 14 | 6000001 | G01 PARK FOREST | 72 | 126 | 1 | | 246 | 145 | .71 | .57 | 43 |
| ILLINOIS | 14 | 6540001 | G01 RIVER FOREST | 72 | 68 | 1 | | 176 | 142 | * | * | |
| ILLINOIS | 14 | 8360001 | G01 WILMETTE | 72 | 127 | | | 116 | 109 | .63 | .50 | 38 |
| INDIANA | 15 | 0680001 | F02 CHESTERTON | 72 | 29 | | | 112 | 103 | * | * | |
| INDIANA | 15 | 1180001 | A01 EAST CHICAGO | 72 | 27 | 7 | 3 | 373 | 300 | 1.93 | 1.54 | 116 |
| INDIANA | 15 | 1180001 | F02 EAST CHICAGO | 72 | 45 | 16 | 5 | 415 | 344 | * | * | |
| INDIANA | 15 | 1180003 | F02 EAST CHICAGO | 72 | 44 | 19 | 5 | 488 | 342 | * | * | |
| INDIANA | 15 | 1180004 | F02 EAST CHICAGO | 72 | 44 | 23 | 8 | 478 | 411 | * | * | |
| INDIANA | 15 | 1180006 | F02 EAST CHICAGO | 72 | 43 | 17 | 6 | 365 | 353 | * | * | |
| INDIANA | 15 | 1180007 | F02 EAST CHICAGO | 72 | 44 | 7 | 1 | 605 | 253 | * | * | |
| INDIANA | 15 | 1520001 | A01 GARY | 72 | 29 | 6 | 1 | 377 | 242 | 1.75 | 1.40 | 105 |
| INDIANA | 15 | 1520001 | F01 GARY | 72 | 72 | 17 | | 247 | 232 | * | * | |
| INDIANA | 15 | 1520002 | F01 GARY | 72 | 87 | 19 | 5 | 304 | 302 | * | * | |
| INDIANA | 15 | 1520003 | F01 GARY | 72 | 83 | 18 | 3 | 349 | 343 | * | * | |
| INDIANA | 15 | 1520004 | F01 GARY | 72 | 271 | 101 | 33 | 590 | 476 | * | * | |
| INDIANA | 15 | 1520005 | F01 GARY | 72 | 91 | 2 | | 159 | 157 | * | * | |
| INDIANA | 15 | 1520008 | F01 GARY | 72 | 86 | 6 | | 169 | 162 | * | * | |
| INDIANA | 15 | 1520009 | F01 GARY | 72 | 89 | 16 | 4 | 346 | 322 | * | * | |
| INDIANA | 15 | 1520012 | F01 GARY | 72 | 89 | 24 | 5 | 592 | 379 | * | * | |
| INDIANA | 15 | 1520013 | F02 GARY | 72 | 64 | 8 | 2 | 388 | 264 | * | * | |
| INDIANA | 15 | 1780001 | A01 HAMMOND | 72 | 29 | 9 | 4 | 377 | 322 | 1.85 | 1.48 | 111 |
| INDIANA | 15 | 1780001 | F01 HAMMOND | 72 | 46 | 12 | 4 | 387 | 307 | * | * | |
| INDIANA | 15 | 1780002 | F01 HAMMOND | 72 | 52 | 14 | 1 | 337 | 255 | * | * | |
| INDIANA | 15 | 1780004 | F01 HAMMOND | 72 | 52 | 13 | 2 | 358 | 318 | * | * | |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| INDIANA | 15 | 1780005 | F02 | HAMMOND | 72 | 50 | 16 | 2 | 274 | 262 | - | - | |
| INDIANA | 15 | 1780006 | H01 | HAMMOND | 72 | 35 | 10 | 1 | 264 | 255 | - | - | |
| INDIANA | 15 | 1780007 | H01 | HAMMOND | 72 | 36 | 5 | | 254 | 228 | - | - | |
| INDIANA | 15 | 3420005 | F02 | PORTER COUNTY | 72 | 24 | | | 122 | 84 | - | - | |
| INDIANA | 15 | 3420006 | F02 | PORTER COUNTY | 72 | 24 | 1 | | 155 | 127 | - | - | |
| INDIANA | 15 | 3420007 | F02 | PORTER COUNTY | 72 | 26 | | | 140 | 135 | - | | |
| INDIANA | 15 | 3420008 | F02 | PORTER COUNTY | 72 | 27 | 1 | | 160 | 123 | - | - | |
| INDIANA | 15 | 3420009 | F02 | PORTER COUNTY | 72 | 20 | | | 147 | 141 | - | - | |
| INDIANA | 15 | 3420010 | F02 | PORTER COUNTY | 72 | 22 | 2 | | 153 | 152 | - | | |
| INDIANA | 15 | 4200002 | F02 | VALPARAISO | 72 | 31 | 1 | | 226 | 135 | - | - | |
| 068 METROPOLITAN DUBUQUE (ILL-IOWA-WISC) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| IOWA | 16 | 1260001 | A01 | DUBUQUE | 72 | 25 | 3 | | 215 | 196 | 1.11 | .89 | 67 |
| 069 METROPOLITAN QUAD CITIES (ILL-IOWA) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| ILLINOIS | 14 | 5120001 | A01 | MOLINE | 72 | 25 | 1 | | 194 | 136 | | | |
| ILLINOIS | 14 | 6700001 | A01 | ROCK ISLAND | 72 | 29 | 4 | | 218 | 210 | 1.33 | 1.06 | 80 |
| IOWA | 16 | 0920011 | F01 | CLINTON | 72 | 51 | | | 132 | 114 | .68 | .54 | 41 |
| IOWA | 16 | 1060001 | A01 | DAVENPORT | 72 | 26 | 12 | 3 | 340 | 326 | 2.11 | 1.69 | 127 |
| IOWA | 16 | 1060009 | F01 | DAVENPORT | 72 | 55 | 7 | | 230 | 216 | 1.68 | 1.34 | 101 |
| 070 METROPOLITAN ST. LOUIS (ILL-MO) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| ILLINOIS | 14 | 2120004 | A01 | E ST LOUIS | 72 | 30 | 5 | | 214 | 160 | 1.66 | 1.33 | 100 |
| MISSOURI | 26 | 0200001 | G01 | BELLEFONTAINE NEIGHBORS | 72 | 54 | 6 | | 219 | 206 | 1.36 | 1.09 | 82 |
| MISSOURI | 26 | 0260001 | G01 | BERKELEY | 72 | 58 | 1 | | 161 | 145 | 1.11 | .89 | 67 |
| MISSOURI | 26 | 1040002 | G01 | CLAYTON | 72 | 54 | 2 | | 163 | 155 | 1.13 | .90 | 68 |
| MISSOURI | 26 | 2320001 | G01 | JENNINGS | 72 | 58 | 4 | | 207 | 173 | 1.40 | 1.12 | 84 |
| MISSOURI | 26 | 2630002 | G01 | LEMAY | 72 | 57 | 2 | | 187 | 152 | 1.21 | .97 | 73 |
| MISSOURI | 26 | 2630003 | G01 | LEMAY | 72 | 50 | 13 | 4 | 379 | 361 | - | - | |
| MISSOURI | 26 | 4120001 | G01 | ST ANN | 72 | 47 | | | 133 | 125 | 1.13 | .90 | 68 |
| MISSOURI | 26 | 4140001 | F01 | ST. CHARLES CITY | 72 | 49 | | | 149 | 138 | .96 | .77 | 58 |
| MISSOURI | 26 | 4140002 | F01 | ST. CHARLES CITY | 72 | 36 | 5 | | 218 | 184 | - | - | |
| MISSOURI | 26 | 4280001 | A01 | ST LOUIS | 72 | 27 | | | 138 | 137 | 1.55 | 1.24 | 93 |
| MISSOURI | 26 | 4280002 | A10 | ST LOUIS | 72 | 161 | 50 | 3 | 393 | 275 | 2.00 | 1.60 | 120 |
| MISSOURI | 26 | 4300003 | G01 | ST LOUIS COUNTY | 72 | 57 | 1 | | 157 | 110 | .83 | .66 | 50 |
| 072 PADUCAH-CAIRO (ILL-KY) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| KENTUCKY | 18 | 0100002 | F01 | BALLARD COUNTY | 72 | 49 | | | 122 | 119 | .93 | .74 | 56 |
| KENTUCKY | 18 | 0100003 | F01 | BALLARD COUNTY | 72 | 49 | | | 142 | 130 | 1.00 | .80 | 60 |
| KENTUCKY | 18 | 0560001 | F01 | CARLISLE COUNTY | 72 | 48 | 1 | | 195 | 114 | .63 | .50 | 38 |
| KENTUCKY | 18 | 1860002 | F01 | HOPKINSVILLE | 72 | 16 | | | 146 | 125 | - | - | |
| KENTUCKY | 18 | 2320001 | F01 | LIVINGSTON COUNTY | 72 | 44 | | | 135 | 135 | - | - | |
| KENTUCKY | 18 | 2460001 | F02 | MCCRACKEN COUNTY | 72 | 39 | 1 | | 153 | 124 | .80 | .64 | 48 |
| KENTUCKY | 18 | 2540001 | F01 | MADISONVILLE | 72 | 35 | 1 | | 229 | 133 | 1.08 | .86 | 65 |
| KENTUCKY | 18 | 2600002 | F01 | MARSHALL COUNTY | 72 | 47 | 1 | | 154 | 131 | - | - | |
| KENTUCKY | 18 | 2600008 | F01 | MARSHALL COUNTY | 72 | 43 | 3 | | 179 | 168 | - | - | |
| KENTUCKY | 18 | 2600009 | F01 | MARSHALL COUNTY | 72 | 32 | 2 | | 170 | 167 | - | - | |
| KENTUCKY | 18 | 2980001 | F01 | MURRAY KY | 72 | 45 | | | 135 | 101 | - | - | |
| KENTUCKY | 18 | 3180001 | F01 | PADUCAH | 72 | 42 | | | 147 | 131 | .93 | .74 | 56 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEEDING 24-HR STDS. SEC. | PRI. | | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PPI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KENTUCKY | 18 | 3180002 | F01 | PADUCAH | 72 | 49 | 1 | | | 157 | 144 | 1.01 | .81 | 61 |
| KENTUCKY | 18 | 3180003 | F01 | PADUCAH | 72 | 45 | 5 | | 1 | 326 | 226 | 1.46 | 1.17 | 98 |
| KENTUCKY | 18 | 3180004 | F01 | PADUCAH | 72 | 44 | 1 | | | 174 | 143 | 1.26 | 1.01 | 76 |
| KENTUCKY | 18 | 3180005 | F03 | PADUCAH | 72 | 33 | 1 | | | 168 | 112 | * | * | |
| KENTUCKY | 18 | 3180019 | F01 | PADUCAH | 72 | 39 | 6 | | | 259 | 177 | * | * | |
| 073 ROCKFORD-JANESVILLE-BELOIT (ILL-WISC) | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| ILLINOIS | 14 | 6680001 | A01 | ROCKFORD | 72 | 24 | | | | 150 | 145 | * | * | |
| 075 WEST CENTRAL ILLINOIS | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| ILLINOIS | 14 | 7280001 | A01 | SPRINGFIELD | 72 | 27 | | | | 139 | 135 | 1.28 | 1.02 | 77 |
| NORTH CAROLINA | 34 | 0340006 | G02 | BESSEMER CITY | 72 | 14 | | | | 131 | 95 | * | * | |
| 076 EAST CENTRAL INDIANA | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| INDIANA | 15 | 0080001 | F01 | ANDERSON | 72 | 21 | | | | 150 | 127 | * | * | |
| INDIANA | 15 | 2620001 | F01 | MARION | 72 | 20 | | | | 119 | 92 | * | * | |
| INDIANA | 15 | 2920001 | A01 | MUNCIE | 72 | 5 | | | | 93 | 86 | * | * | |
| INDIANA | 15 | 3580001 | F01 | RICHMOND | 72 | 22 | 3 | | | 241 | 162 | * | * | |
| 077 EVANSVILLE-OWENSBORO-HENDERSON (IND-KY) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| INDIANA | 15 | 1120001 | F01 | DUBOIS COUNTY | 72 | 7 | 1 | | | 223 | 135 | * | * | |
| INDIANA | 15 | 1120002 | F03 | DUBOIS COUNTY | 72 | 6 | | | | 85 | 35 | * | * | |
| INDIANA | 15 | 1300001 | A01 | EVANSVILLE | 72 | 30 | | | | 136 | 130 | 1.25 | 1.00 | 75 |
| INDIANA | 15 | 1300001 | F01 | EVANSVILLE | 72 | 22 | | | | 130 | 112 | * | * | |
| INDIANA | 15 | 1300002 | F01 | EVANSVILLE | 72 | 36 | 1 | | | 190 | 135 | * | * | |
| INDIANA | 15 | 1300003 | F01 | EVANSVILLE | 72 | 31 | 5 | | | 204 | 190 | * | * | |
| INDIANA | 15 | 1300004 | F01 | EVANSVILLE | 72 | 31 | 1 | | | 150 | 148 | * | * | |
| INDIANA | 15 | 1300006 | F01 | EVANSVILLE | 72 | 39 | | | | 146 | 141 | * | * | |
| INDIANA | 15 | 1980001 | F01 | HUNTINGBURG | 72 | 7 | 1 | | | 221 | 77 | * | * | |
| INDIANA | 15 | 2080001 | F01 | JASPER | 72 | 21 | 1 | | | 157 | 116 | * | * | |
| INDIANA | 15 | 2080002 | F02 | JASPER | 72 | 7 | | | | 135 | 70 | * | * | |
| INDIANA | 15 | 3320001 | F02 | PETERSBURG | 72 | 12 | | | | 90 | 86 | * | * | |
| KENTUCKY | 18 | 1580002 | F01 | HANCOCK COUNTY | 72 | 56 | | | | 117 | 108 | .93 | .74 | 56 |
| KENTUCKY | 18 | 1580004 | F01 | HANCOCK COUNTY | 72 | 13 | | | | 91 | 80 | * | * | |
| KENTUCKY | 18 | 1740002 | F01 | HENDERSON | 72 | 61 | 3 | | | 169 | 168 | 1.41 | 1.13 | 85 |
| KENTUCKY | 18 | 1740003 | F01 | HENDERSON | 72 | 60 | 1 | | | 193 | 134 | 1.03 | .82 | 62 |
| KENTUCKY | 18 | 1740004 | F01 | HENDERSON | 72 | 62 | 1 | | | 162 | 144 | 1.18 | .94 | 71 |
| KENTUCKY | 18 | 1740005 | F01 | HENDERSON | 72 | 58 | 4 | | | 154 | 153 | 1.40 | 1.12 | 84 |
| KENTUCKY | 18 | 1740006 | F01 | HENDERSON | 72 | 56 | | | | 120 | 116 | .96 | .77 | 58 |
| KENTUCKY | 18 | 1740007 | F01 | HENDERSON | 72 | 46 | 5 | | | 166 | 160 | * | * | |
| KENTUCKY | 18 | 3140001 | F01 | OWENSBORO | 72 | 58 | 12 | | 1 | 287 | 251 | 1.61 | 1.29 | 97 |
| KENTUCKY | 18 | 3140002 | F01 | OWENSBORO | 72 | 56 | 6 | | | 207 | 201 | 1.40 | 1.12 | 84 |
| KENTUCKY | 18 | 3140003 | F01 | OWENSBORO | 72 | 57 | 1 | | | 169 | 149 | .98 | .78 | 59 |
| KENTUCKY | 18 | 3140004 | F01 | OWENSBORO | 72 | 55 | 5 | | | 185 | 184 | 1.58 | 1.26 | 95 |
| KENTUCKY | 18 | 3140005 | F01 | OWENSBORO | 72 | 59 | 1 | | | 161 | 142 | 1.26 | 1.01 | 76 |
| KENTUCKY | 18 | 3140006 | F01 | OWENSBORO | 72 | 61 | 1 | | | 165 | 143 | 1.16 | .93 | 70 |
| 078 LOUISVILLE (IND-KY) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| INDIANA | 15 | 2980002 | A01 | NEW ALBANY | 72 | 26 | 3 | | 1 | 343 | 235 | | | |

# Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KENTUCKY | 18 | 1920013 | G01 | JEFFERSON COUNTY | 72 | 60 | 5 | | 233 | 174 | 1.48 | 1.18 | 89 |
| KENTUCKY | 18 | 1920023 | G01 | JEFFERSON COUNTY | 72 | 57 | 1 | | 210 | 141 | 1.01 | .81 | 61 |
| KENTUCKY | 18 | 1920024 | G01 | JEFFERSON COUNTY | 72 | 33 | 4 | | 239 | 190 | * | * | |
| KENTUCKY | 18 | 1920025 | G01 | JEFFERSON COUNTY | 72 | 50 | 1 | | 220 | 132 | * | * | |
| KENTUCKY | 18 | 2380002 | A01 | LOUISVILLE | 72 | 18 | 2 | | 234 | 222 | * | * | |
| KENTUCKY | 18 | 2380002 | F01 | LOUISVILLE KY | 72 | 44 | 1 | | 160 | 148 | * | * | |
| KENTUCKY | 18 | 2380004 | G01 | LOUISVILLE | 72 | 60 | 3 | | 223 | 180 | 1.45 | 1.16 | 97 |
| KENTUCKY | 18 | 2380007 | G01 | LOUISVILLE | 72 | 56 | 25 | 12 | 787 | 737 | 2.45 | 1.96 | 147 |
| KENTUCKY | 18 | 2380008 | G01 | LOUISVILLE | 72 | 6 | | | 35 | 35 | * | * | |
| KENTUCKY | 18 | 2380009 | G01 | LOUISVILLE | 72 | 6 | | | 35 | 35 | * | * | |
| KENTUCKY | 18 | 2380011 | G01 | LOUISVILLE | 72 | 36 | | | 45 | 45 | * | * | |
| KENTUCKY | 18 | 2380012 | G01 | LOUISVILLE | 72 | 52 | 5 | | 215 | 164 | 1.48 | 1.18 | 89 |
| KENTUCKY | 18 | 2380013 | G01 | LOUISVILLE | 72 | 15 | | | 15 | 15 | * | * | |
| KENTUCKY | 18 | 2380014 | G01 | LOUISVILLE | 72 | 58 | 1 | | 152 | 136 | 1.36 | 1.09 | 82 |
| KENTUCKY | 18 | 2380015 | G01 | LOUISVILLE | 72 | 31 | 3 | | 186 | 185 | * | * | |
| KENTUCKY | 18 | 3090001 | G01 | OKOLONA | 72 | 61 | 17 | | 259 | 236 | 1.96 | 1.57 | 118 |
| KENTUCKY | 18 | 3360001 | G01 | PLEASURE RIDGE PARK | 72 | 52 | 1 | | 193 | 114 | .90 | .72 | 54 |
| KENTUCKY | 18 | 3620001 | G01 | ST. MATTHEWS | 72 | 56 | 1 | | 171 | 119 | .91 | .73 | 55 |
| KENTUCKY | 18 | 3620004 | G01 | ST MATTHEWS | 72 | 14 | | | 134 | 132 | * | * | |
| KENTUCKY | 18 | 3720002 | G01 | SHIVELY | 72 | 52 | 13 | 1 | 271 | 243 | 1.70 | 1.36 | 102 |
| 079 METROPOLITAN CINCINNATI (IND-KY-OHIO) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| KENTUCKY | 18 | 0030001 | F01 | ALEXANDRIA | 72 | 53 | 1 | | 168 | 148 | 1.11 | .89 | 67 |
| KENTUCKY | 18 | 0280001 | F01 | BOONE COUNTY | 72 | 59 | | | 137 | 137 | 1.08 | .86 | 65 |
| KENTUCKY | 18 | 0280002 | F01 | BOONE COUNTY | 72 | 61 | | | 148 | 147 | 1.06 | .85 | 64 |
| KENTUCKY | 18 | 0580001 | F03 | CARROLL COUNTY | 72 | 61 | | | 126 | 109 | .75 | .60 | 45 |
| KENTUCKY | 18 | 0600001 | F01 | CARROLLTON | 72 | 58 | | | 104 | 99 | .83 | .66 | 50 |
| KENTUCKY | 18 | 0800002 | F01 | COVINGTON | 72 | 61 | 3 | | 169 | 165 | 1.48 | 1.18 | 89 |
| KENTUCKY | 18 | 1100001 | F01 | ERLANGER | 72 | 60 | 1 | | 168 | 129 | 1.06 | .85 | 64 |
| KENTUCKY | 18 | 1140001 | F01 | FALMOUTH | 72 | 11 | | | 56 | 53 | * | * | |
| KENTUCKY | 18 | 1220001 | F01 | FLORENCE | 72 | 57 | 1 | | 154 | 131 | 1.05 | .84 | 63 |
| KENTUCKY | 18 | 1255001 | F01 | FORT MITCHELL | 72 | 59 | 1 | | 201 | 143 | .90 | .72 | 54 |
| KENTUCKY | 18 | 1260001 | F01 | FORT THOMAS | 72 | 61 | 2 | | 164 | 163 | 1.15 | .92 | 69 |
| KENTUCKY | 18 | 1380001 | F03 | GALLATIN COUNTY | 72 | 43 | | | 112 | 112 | * | * | |
| KENTUCKY | 18 | 3020001 | F01 | NEWPORT | 72 | 60 | 25 | 1 | 281 | 256 | 2.33 | 1.86 | 140 |
| KENTUCKY | 18 | 3120001 | F01 | OWEN COUNTY | 72 | 9 | | | 105 | 62 | * | * | |
| OHIO | 36 | 1220001 | A01 | CINCINNATI | 72 | 28 | 1 | | 207 | 137 | 1.45 | 1.16 | 87 |
| OHIO | 36 | 1220001 | H01 | CINCINNATI | 72 | 59 | 2 | | 187 | 171 | 1.45 | 1.16 | 87 |
| OHIO | 36 | 1220002 | H01 | CINCINNATI | 72 | 61 | 1 | | 153 | 124 | 1.03 | .82 | 62 |
| OHIO | 36 | 1220003 | A10 | CINCINNATI | 72 | 200 | 21 | | 242 | 207 | 1.60 | 1.28 | 96 |
| OHIO | 36 | 1220011 | H01 | CINCINNATI | 72 | 59 | 1 | | 151 | 145 | 1.28 | 1.02 | 77 |
| OHIO | 36 | 1220013 | H01 | CINCINNATI | 72 | 60 | 1 | | 200 | 134 | 1.18 | .94 | 71 |
| OHIO | 36 | 1220014 | H01 | CINCINNATI | 72 | 61 | 7 | | 191 | 186 | 1.65 | 1.32 | 99 |
| OHIO | 36 | 1220015 | H01 | CINCINNATI | 72 | 60 | 2 | | 193 | 182 | 1.38 | 1.10 | 83 |
| OHIO | 36 | 1220016 | H01 | CINCINNATI | 72 | 61 | 11 | | 204 | 200 | 1.76 | 1.41 | 106 |
| OHIO | 36 | 1220017 | H01 | CINCINNATI | 72 | 60 | 1 | | 161 | 149 | 1.11 | .89 | 67 |
| OHIO | 36 | 1220018 | H01 | CINCINNATI | 72 | 60 | 3 | | 202 | 200 | 1.38 | 1.10 | 83 |
| OHIO | 36 | 2050001 | H01 | FAIRFAX | 72 | 59 | 3 | | 178 | 171 | 1.35 | 1.08 | 81 |
| OHIO | 36 | 2060001 | H01 | FAIRFIELD | 72 | 61 | 2 | | 159 | 159 | 1.41 | 1.13 | 85 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OHIO | 36 | 2165001 | H01 FOREST PARK | 72 | 59 | | | 119 | 111 | .91 | .73 | 55 |
| OHIO | 36 | 2200002 | H01 FRANKLIN | 72 | 61 | 1 | | 155 | 150 | 1.25 | 1.00 | 75 |
| OHIO | 36 | 2700002 | H01 HAMILTON | 72 | 60 | | | 136 | 132 | 1.35 | 1.08 | 81 |
| OHIO | 36 | 2720001 | H01 HAMILTON COUNTY | 72 | 60 | 1 | | 173 | 150 | 1.08 | .86 | 65 |
| OHIO | 36 | 2720002 | H01 HAMILTON COUNTY | 72 | 59 | 3 | | 167 | 157 | 1.38 | 1.10 | 83 |
| OHIO | 36 | 2720003 | H01 HAMILTON COUNTY | 72 | 51 | 3 | | 172 | 158 | 1.45 | 1.16 | 87 |
| OHIO | 36 | 2720004 | H01 HAMILTON COUNTY | 72 | 61 | 1 | | 202 | 149 | 1.16 | .93 | 70 |
| OHIO | 36 | 2720005 | H01 HAMILTON COUNTY | 72 | 52 | 7 | 1 | 283 | 215 | 1.60 | 1.28 | 96 |
| OHIO | 36 | 2780001 | H01 HARRISON | 72 | 61 | | | 135 | 134 | 1.25 | 1.00 | 75 |
| OHIO | 36 | 3400001 | H01 LEBANON | 72 | 61 | 1 | | 168 | 143 | 1.06 | .85 | 64 |
| OHIO | 36 | 3540001 | H01 LOCKLAND | 72 | 60 | 15 | | 258 | 231 | 1.75 | 1.40 | 105 |
| OHIO | 36 | 3780001 | H01 MADEIRA | 72 | 59 | 5 | | 167 | 165 | 1.56 | 1.25 | 94 |
| OHIO | 36 | 4340001 | H01 MIDDLETOWN | 72 | 61 | 3 | | 178 | 172 | 1.56 | 1.25 | 94 |
| OHIO | 36 | 4340002 | H01 MIDDLETOWN | 72 | 57 | 20 | 4 | 366 | 333 | 2.38 | 1.90 | 143 |
| OHIO | 36 | 5300001 | H01 OXFORD | 72 | 60 | | | 120 | 107 | 1.08 | .86 | 65 |
| OHIO | 36 | 5880001 | H01 ST BERNARD | 72 | 60 | 26 | 3 | 309 | 297 | 2.40 | 1.92 | 144 |
| OHIO | 36 | 6140001 | H01 SHARONVILLE | 72 | 58 | 1 | | 162 | 146 | 1.20 | .96 | 72 |
| OHIO | 36 | 7040001 | H01 WARREN COUNTY | 72 | 59 | | | 107 | 105 | .81 | .65 | 49 |
| OHIO | 36 | 7700001 | H01 WYOMING | 72 | 61 | | | 136 | 119 | 1.00 | .80 | 60 |
| 080 METROPOLITAN INDIANAPOLIS (IND) | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| INDIANA | 15 | 2040001 | A01 INDIANAPOLIS | 72 | 26 | 3 | | 216 | 155 | | | |
| INDIANA | 15 | 2040001 | F01 INDIANAPOLIS | 72 | 25 | 5 | | 208 | 207 | | | |
| INDIANA | 15 | 2040001 | H01 INDIANAPOLIS IND | 72 | 20 | 4 | | 230 | 199 | | | |
| INDIANA | 15 | 2040002 | F01 INDIANAPOLIS | 72 | 107 | 4 | | 170 | 155 | | | |
| INDIANA | 15 | 2040002 | H01 INDIANAPOLIS IND | 72 | 81 | 4 | | 251 | 163 | | | |
| INDIANA | 15 | 2040003 | F01 INDIANAPOLIS | 72 | 26 | 8 | 1 | 268 | 257 | | | |
| INDIANA | 15 | 2040003 | H01 INDIANAPOLIS IND | 72 | 19 | 6 | 1 | 264 | 222 | | | |
| INDIANA | 15 | 2040006 | F01 INDIANAPOLIS | 72 | 99 | 1 | | 153 | 140 | | | |
| INDIANA | 15 | 2040006 | H01 INDIANAPOLIS IND | 72 | 85 | 1 | | 157 | 144 | | | |
| INDIANA | 15 | 2040008 | F01 INDIANAPOLIS | 72 | 26 | | | 148 | 127 | | | |
| INDIANA | 15 | 2040008 | H01 INDIANAPOLIS IND | 72 | 20 | 1 | | 188 | 116 | | | |
| INDIANA | 15 | 2040009 | F01 INDIANAPOLIS | 72 | 30 | 1 | | 158 | 149 | | | |
| INDIANA | 15 | 2040009 | H01 INDIANAPOLIS IND | 72 | 15 | | | 120 | 106 | | | |
| INDIANA | 15 | 2040011 | F01 INDIANAPOLIS | 72 | 26 | 3 | | 180 | 177 | | | |
| INDIANA | 15 | 2040011 | H01 INDIANAPOLIS IND | 72 | 20 | 1 | | 170 | 140 | | | |
| INDIANA | 15 | 2040013 | F01 INDIANAPOLIS | 72 | 26 | | | 147 | 140 | | | |
| INDIANA | 15 | 2040013 | H01 INDIANAPOLIS IND | 72 | 20 | | | 132 | 119 | | | |
| INDIANA | 15 | 2040014 | F01 INDIANAPOLIS | 72 | 26 | 3 | | 204 | 163 | | | |
| INDIANA | 15 | 2040014 | H01 INDIANAPOLIS IND | 72 | 18 | | | 120 | 110 | | | |
| INDIANA | 15 | 2040015 | F01 INDIANAPOLIS | 72 | 26 | 4 | 1 | 306 | 232 | | | |
| INDIANA | 15 | 2040015 | H01 INDIANAPOLIS IND | 72 | 20 | 2 | | 206 | 187 | | | |
| INDIANA | 15 | 2040021 | F01 INDIANAPOLIS | 72 | 43 | 1 | | 152 | 141 | | | |
| INDIANA | 15 | 2040022 | F01 INDIANAPOLIS | 72 | 30 | | | 127 | 102 | | | |
| INDIANA | 15 | 2040023 | F01 INDIANAPOLIS | 72 | 46 | | | 134 | 120 | | | |
| INDIANA | 15 | 2040024 | F01 INDIANAPOLIS | 72 | 175 | | | 127 | 117 | | | |

# Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| INDIANA | 15 | 2040025 | F01 INDIANAPOLIS | 72 | 196 | 42 | 3 | 382 | 322 | | | |
| INDIANA | 15 | 2040026 | F01 INDIANAPOLIS | 72 | 42 | | | 147 | 130 | | | |
| 081 NORTHEAST INDIANA | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| INDIANA | 15 | 1380002 | A01 FT. WAYNE | 72 | 30 | | | 127 | 122 | 1.25 | 1.00 | 75 |
| INDIANA | 15 | 3980001 | F03 STEUBEN COUNTY | 72 | 14 | | | 111 | 74 | | | |
| 082 SOUTH BEND-ELKHART-BENTON HARBOR (IND.-MICH) | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| INDIANA | 15 | 1240001 | F01 ELKHART | 72 | 20 | 1 | | 223 | 99 | | | |
| INDIANA | 15 | 2740001 | F01 MICHIGAN CITY | 72 | 40 | 2 | | 206 | 160 | | | |
| INDIANA | 15 | 2740002 | F01 MICHIGAN CITY | 72 | 24 | 1 | | 178 | 145 | | | |
| INDIANA | 15 | 2740002 | F02 MICHIGAN CITY | 72 | 14 | 1 | | 179 | 127 | | | |
| INDIANA | 15 | 2740003 | F01 MICHIGAN CITY | 72 | 17 | | | 96 | 90 | | | |
| INDIANA | 15 | 2740003 | F02 MICHIGAN CITY | 72 | 20 | | | 102 | 76 | | | |
| INDIANA | 15 | 2760001 | F01 MISHAWAKA | 72 | 21 | | | 117 | 80 | | | |
| INDIANA | 15 | 2760002 | F02 MISHAWAKA | 72 | 36 | | | 149 | 137 | | | |
| INDIANA | 15 | 2760003 | F01 MISHAWAKA | 72 | 29 | 1 | | 158 | 116 | | | |
| INDIANA | 15 | 2760004 | F01 MISHAWAKA | 72 | 40 | | | 127 | 119 | | | |
| INDIANA | 15 | 2760005 | F01 MISHAWAKA | 72 | 15 | | | 141 | 136 | | | |
| INDIANA | 15 | 3700004 | F03 ST JOSEPH COUNTY | 72 | 30 | | | 124 | 108 | | | |
| INDIANA | 15 | 3700005 | F03 ST JOSEPH COUNTY | 72 | 37 | | | 117 | 107 | | | |
| INDIANA | 15 | 3880002 | A01 SOUTH BEND | 72 | 26 | 2 | | 189 | 162 | | | |
| INDIANA | 15 | 3880003 | F01 SOUTH BEND | 72 | 38 | | | 115 | 102 | | | |
| INDIANA | 15 | 3880004 | F01 SOUTH BEND | 72 | 31 | 1 | | 173 | 119 | | | |
| INDIANA | 15 | 3880005 | F02 SOUTH BEND | 72 | 36 | 1 | | 163 | 105 | | | |
| INDIANA | 15 | 3880006 | F02 SOUTH BEND | 72 | 38 | 5 | | 247 | 194 | | | |
| INDIANA | 15 | 3880007 | F02 SOUTH BEND | 72 | 41 | 2 | | 176 | 169 | | | |
| MICHIGAN | 23 | 0460001 | F01 BENTON HARBOR | 72 | 60 | 2 | | 167 | 153 | 1.10 | .88 | 66 |
| MICHIGAN | 23 | 0460002 | F01 BENTON HARBOR | 72 | 61 | 2 | | 209 | 159 | .75 | .60 | 45 |
| MICHIGAN | 23 | 1220001 | F01 DOWAGIAC | 72 | 53 | 1 | | 181 | 143 | .93 | .74 | 56 |
| MICHIGAN | 23 | 3880001 | F01 NILES | 72 | 58 | 1 | 1 | 346 | 141 | .93 | .74 | 56 |
| MICHIGAN | 23 | 4200001 | F01 PAW PAW | 72 | 53 | | | 139 | 123 | .65 | .52 | 39 |
| 083 SOUTHERN INDIANA | | | | | ** PRIORITY 1A ** | | | | | AS OF OCTOBER 06, 1973 | | |
| INDIANA | 15 | 0380001 | F01 BLOOMINGTON | 72 | 13 | | | 137 | 121 | | | |
| INDIANA | 15 | 0820002 | F02 COLUMBUS | 72 | 17 | | | 104 | 90 | | | |
| INDIANA | 15 | 2800001 | A03 MONROE COUNTY | 72 | 22 | | | 51 | 51 | .56 | .45 | 34 |
| 084 WABASH VALLEY (IND) | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| INDIANA | 15 | 2280001 | F01 KOKOMO | 72 | 20 | | | 101 | 98 | | | |
| INDIANA | 15 | 2320001 | F01 LAFAYETTE | 72 | 13 | | | 119 | 115 | | | |
| INDIANA | 15 | 3260001 | A03 PARKE COUNTY | 72 | 28 | | | 125 | 117 | .88 | .70 | 53 |
| INDIANA | 15 | 4080001 | A01 TERRE HAUTE | 72 | 26 | 1 | | 153 | 136 | 1.30 | 1.04 | 78 |
| INDIANA | 15 | 4080004 | F01 TERRE HAUTE | 72 | 43 | 4 | | 202 | 171 | | | |
| INDIANA | 15 | 4080004 | G01 TERRE HAUTE IND | 72 | 57 | 3 | | 241 | 176 | | | |
| INDIANA | 15 | 4080007 | F01 TERRE HOUTE | 72 | 116 | 8 | | 220 | 191 | | | |
| INDIANA | 15 | 4080008 | F01 TERRE HAUTE | 72 | 115 | 4 | | 207 | 185 | | | |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| INDIANA | 15 | 4080009 | F01 | TERRE HAUTE | 72 | 202 | 1 | | 241 | 148 | | | |
| INDIANA | 15 | 4080010 | F01 | TERRE HAUTE | 72 | 98 | 3 | | 181 | 169 | | | |
| INDIANA | 15 | 4080011 | F01 | TERRE HAUTE | 72 | 115 | 5 | | 221 | 215 | | | |
| INDIANA | 15 | 4080012 | F01 | TERRE HAUTE | 72 | 114 | 3 | | 201 | 160 | | | |
| INDIANA | 15 | 4080013 | F01 | TERRE HAUTE | 72 | 111 | 2 | | 177 | 167 | | | |
| INDIANA | 15 | 4260001 | F01 | VIGO COUNTY | 72 | 65 | 4 | | 252 | 227 | | | |
| INDIANA | 15 | 4260001 | G01 | SEELYVILLE IND | 72 | 46 | | | 125 | 119 | | | |
| INDIANA | 15 | 4260002 | G01 | ST MARY-OF-THE-WOODS | 72 | 75 | 2 | | 172 | 168 | | | |
| INDIANA | 15 | 4260004 | F01 | VIGO COUNTY | 72 | 18 | 1 | | 157 | 99 | | | |
| INDIANA | 15 | 4280001 | F01 | VINCENNES | 72 | 18 | 1 | | 243 | 121 | | | |
| 085 METROPOLITAN OMAHA-COUNCIL BLUFFS (IOWA-NEB) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| IOWA | 16 | 0960016 | F01 | COUNCIL BLUFFS | 72 | 21 | 6 | | 217 | 176 | | | |
| NEBRASKA | 28 | 0180002 | F01 | BELLEVUE | 72 | 29 | | | 130 | 128 | 1.11 | .89 | 67 |
| NEBRASKA | 28 | 1880001 | A01 | OMAHA | 72 | 29 | 6 | 1 | 331 | 234 | 1.88 | 1.50 | 113 |
| NEBRASKA | 28 | 1880011 | F01 | OMAHA | 72 | 30 | 13 | 5 | 367 | 327 | 2.35 | 1.88 | 141 |
| NEBRASKA | 28 | 1880015 | F01 | OMAHA | 72 | 30 | 2 | | 201 | 157 | 1.18 | .94 | 71 |
| NEBRASKA | 28 | 1880017 | F01 | OMAHA | 72 | 28 | 8 | | 230 | 210 | 2.06 | 1.65 | 124 |
| NEBRASKA | 28 | 1880018 | F01 | OMAHA | 72 | 30 | 1 | | 170 | 146 | 1.23 | .98 | 74 |
| NEBRASKA | 28 | 1880019 | F01 | OMAHA | 72 | 30 | | | 129 | 127 | 1.11 | .89 | 67 |
| NEBRASKA | 28 | 1880020 | F01 | OMAHA | 72 | 30 | 1 | | 194 | 144 | 1.26 | 1.01 | 76 |
| NEBRASKA | 28 | 1880021 | F01 | OMAHA | 72 | 12 | | | 117 | 102 | | | |
| NEBRASKA | 28 | 1880022 | F01 | OMAHA | 72 | 30 | | | 133 | 124 | .85 | .68 | 51 |
| NEBRASKA | 28 | 1880023 | F01 | OMAHA | 72 | 30 | | | 118 | 116 | .80 | .64 | 48 |
| NEBRASKA | 28 | 1930001 | F01 | PAPILLION | 72 | 28 | 4 | | 181 | 156 | 1.26 | 1.01 | 76 |
| 086 METROPOLITAN SIOUX CITY (IOWA-NEB-S.D.) | | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| IOWA | 16 | 3400001 | F01 | SIOUX CITY | 72 | 50 | | | 128 | 128 | .98 | .78 | 59 |
| NEBRASKA | 28 | 2400001 | F01 | SOUTH SIOUX CITY | 72 | 32 | 7 | | 195 | 190 | 1.35 | 1.08 | 81 |
| 087 METROPOLITAN SIOUX FALLS (IOWA-S.D.) | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| SOUTH DAKOTA | 43 | 1480001 | A01 | SIOUX FALLS | 72 | 26 | 2 | | 207 | 164 | | | |
| 088 NORTHEAST IOWA | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| IOWA | 16 | 0640001 | A01 | CEDAR RAPIDS | 72 | 30 | 5 | | 253 | 203 | 1.70 | 1.36 | 102 |
| IOWA | 16 | 0640013 | G01 | CEDAR RAPIDS | 72 | 35 | 1 | | 160 | 146 | | | |
| IOWA | 16 | 0640018 | G02 | CEDAR RAPIDS | 72 | 38 | 12 | 1 | 311 | 230 | | | |
| IOWA | 16 | 0640019 | G02 | CEDAR RAPIDS | 72 | 30 | 11 | | 256 | 226 | | | |
| IOWA | 16 | 2140006 | F01 | JONES COUNTY | 72 | 40 | 5 | | 181 | 179 | 1.31 | 1.05 | 79 |
| IOWA | 16 | 2280014 | G01 | LINN COUNTY | 72 | 13 | 1 | | 153 | 138 | | | |
| IOWA | 16 | 2700004 | G01 | MT VERNON | 72 | 15 | | | 140 | 103 | | | |
| IOWA | 16 | 3760003 | F01 | WATERLOO | 72 | 47 | 12 | 3 | 354 | 278 | | | |
| 089 NORTH CENTRAL IOWA | | | | | | ** PRIORITY 1A ** | | | | | AS OF OCTOBER 06, 1973 | | |
| IOWA | 16 | 1520011 | F01 | FORT DODGE | 72 | 7 | | | 102 | 70 | | | |
| IOWA | 16 | 2520011 | F01 | MASON CITY | 72 | 45 | 18 | 8 | 598 | 562 | 2.28 | 1.82 | 137 |
| IOWA | 16 | 3860002 | F01 | WEBSTER CITY | 72 | 8 | | | 78 | 65 | | | |

# Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 090 NORTHWEST IOWA | | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| IOWA | 16 | 1920003 | F01 | IDA COUNTY | 72 | 8 | | | 76 | 52 | | | |
| 091 SOUTHEAST IOWA | | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| IOWA | 16 | 2180004 | F01 | KEOKUK COUNTY | 72 | 9 | | | 40 | 29 | | | |
| 092 SOUTH CENTRAL IOWA | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| IOWA | 16 | 1180001 | A01 | DES MOINES | 72 | 28 | 2 | | 202 | 159 | 1.41 | 1.13 | 85 |
| IOWA | 16 | 1180025 | G01 | DES MOINES | 72 | 39 | 9 | 2 | 301 | 290 | | | |
| IOWA | 16 | 2500001 | F01 | MARSHALLTOWN | 72 | 8 | | | 76 | 66 | | | |
| 093 SOUTHWEST IOWA | | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| IOWA | 16 | 1160002 | F01 | DENISON | 72 | 6 | | | 48 | 44 | * | * | |
| IOWA | 16 | 2000008 | F01 | IOWA CITY | 72 | 53 | 4 | 2 | 388 | 323 | 1.46 | 1.17 | 88 |
| 094 METROPOLITAN KANSAS CITY (KAN-MO) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| KANSAS | 17 | 1760003 | F01 | JOHNSON COUNTY | 72 | 54 | 4 | | 177 | 160 | 1.15 | .92 | 69 |
| KANSAS | 17 | 1760004 | F01 | JOHNSON COUNTY | 72 | 31 | | | 138 | 91 | * | * | |
| KANSAS | 17 | 1800001 | G01 | KANSAS CITY | 72 | 56 | 2 | | 191 | 165 | 1.45 | 1.16 | 87 |
| KANSAS | 17 | 1800002 | A01 | KANSAS CITY | 72 | 24 | 7 | | 227 | 224 | 1.93 | 1.54 | 116 |
| KANSAS | 17 | 1800002 | G01 | KANSAS CITY | 72 | 54 | 9 | | 225 | 213 | 1.66 | 1.33 | 100 |
| KANSAS | 17 | 1800004 | G01 | KANSAS CITY | 72 | 60 | 10 | 1 | 285 | 260 | 1.51 | 1.21 | 91 |
| KANSAS | 17 | 1800007 | G01 | KANSAS CITY | 72 | 57 | 2 | | 189 | 177 | 1.18 | .94 | 71 |
| KANSAS | 17 | 1800009 | G01 | KANSAS CITY KANSAS | 72 | 58 | 11 | | 200 | 188 | 1.60 | 1.28 | 96 |
| KANSAS | 17 | 1980001 | F01 | LEAVENWORTH | 72 | 58 | 3 | | 226 | 156 | 1.00 | .80 | 60 |
| KANSAS | 17 | 2000001 | F01 | LEAVENWORTH COUNTY | 72 | 57 | 7 | | 257 | 217 | 1.36 | 1.09 | 82 |
| KANSAS | 17 | 2030001 | F01 | LENEXA | 72 | 30 | | | 134 | 123 | * | * | |
| KANSAS | 17 | 2660001 | F01 | OLATHE | 72 | 42 | 5 | | 202 | 172 | * | * | |
| KANSAS | 17 | 2780001 | F01 | OVERLAND PARK | 72 | 60 | 1 | | 161 | 127 | .85 | .68 | 51 |
| MISSOURI | 26 | 1020001 | F01 | CLAY COUNTY | 72 | 40 | 5 | | 213 | 208 | 1.56 | 1.25 | 94 |
| MISSOURI | 26 | 1540001 | F01 | EXCELSIOR SPRINGS | 72 | 52 | 8 | 1 | 264 | 193 | 1.73 | 1.38 | 104 |
| MISSOURI | 26 | 1840001 | F01 | GRANDVIEW | 72 | 38 | 1 | | 192 | 141 | 1.18 | .94 | 71 |
| MISSOURI | 26 | 2180001 | H01 | INDEPENDENCE | 72 | 45 | 20 | 3 | 300 | 290 | 1.98 | 1.58 | 119 |
| MISSOURI | 26 | 2180004 | H01 | INDEPENDENCE | 72 | 55 | 3 | 1 | 373 | 183 | 1.18 | .94 | 71 |
| MISSOURI | 26 | 2380003 | H01 | KANSAS CITY | 72 | 51 | | | 125 | 121 | .96 | .77 | 58 |
| MISSOURI | 26 | 2380004 | H01 | KANSAS CITY | 72 | 49 | 5 | | 186 | 178 | 1.43 | 1.14 | 86 |
| MISSOURI | 26 | 2380005 | H01 | KANSAS CITY | 72 | 41 | 4 | | 176 | 168 | 1.43 | 1.14 | 86 |
| MISSOURI | 26 | 2380006 | H01 | KANSAS CITY | 72 | 53 | 2 | | 179 | 154 | 1.25 | 1.00 | 75 |
| MISSOURI | 26 | 2380010 | H01 | KANSAS CITY | 72 | 53 | | | 135 | 132 | 1.20 | .96 | 72 |
| MISSOURI | 26 | 2380012 | H01 | KANSAS CITY | 72 | 39 | 1 | | 154 | 135 | 1.21 | .97 | 73 |
| MISSOURI | 26 | 2380018 | H01 | KANSAS CITY | 72 | 45 | 3 | 1 | 374 | 184 | 1.31 | 1.05 | 79 |
| MISSOURI | 26 | 2680001 | F01 | LIBERTY | 72 | 43 | 1 | | 170 | 136 | * | * | |
| MISSOURI | 26 | 3380001 | F01 | NORTH KANSAS CITY | 72 | 10 | 5 | | 257 | 212 | * | * | |
| MISSOURI | 26 | 3740001 | F01 | PLATTE COUNTY | 72 | 27 | | | 142 | 104 | * | * | |
| MISSOURI | 26 | 3960001 | H01 | KANSAS CITY MO | 72 | 5 | | | 63 | 59 | * | * | |
| MISSOURI | 26 | 4000001 | F01 | RICHMOND | 72 | 53 | 1 | | 173 | 113 | .86 | .69 | 52 |
| MISSOURI | 26 | 4260002 | F01 | ST. JOSEPH | 72 | 37 | 2 | | 175 | 151 | 1.23 | .98 | 74 |
| MISSOURI | 26 | 4260003 | F01 | ST. JOSEPH | 72 | 45 | | | 131 | 131 | 1.06 | .85 | 64 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 095 NORTHEAST KANSAS | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| KANSAS | 17 | 0120001 | F01 | ATCHISON | 72 | 45 | 9 | 1 | 361 | 240 | 1.58 | 1.26 | 95 |
| KANSAS | 17 | 1960001 | F01 | LAWRENCE | 72 | 56 | 1 | | 156 | 146 | 1.05 | .84 | 63 |
| KANSAS | 17 | 2290001 | F01 | MARYSVILLE | 72 | 16 | 2 | | 200 | 179 | | | |
| KANSAS | 17 | 3380001 | F01 | SHAWNEE COUNTY | 72 | 14 | | | 46 | 42 | | | |
| KANSAS | 17 | 3560001 | A01 | TOPEKA | 72 | 33 | | | 139 | 126 | 1.10 | .88 | 66 |
| KANSAS | 17 | 3560002 | F01 | TOPEKA | 72 | 52 | | | 149 | 126 | .96 | .77 | 58 |
| KANSAS | 17 | 3560004 | F01 | TOPEKA | 72 | 55 | 8 | | 211 | 194 | 1.36 | 1.09 | 82 |
| KANSAS | 17 | 3560005 | F01 | TOPEKA | 72 | 14 | | | 66 | 65 | | | |
| KANSAS | 17 | 3560006 | F01 | TOPEKA | 72 | 14 | | | 85 | 58 | | | |
| 096 NORTH CENTRAL KANSAS | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| KANSAS | 17 | 0020001 | F01 | ABILENE | 72 | 24 | 1 | | 191 | 106 | | | |
| KANSAS | 17 | 0680001 | F01 | CONCORDIA | 72 | 20 | 2 | | 169 | 168 | | | |
| KANSAS | 17 | 1780001 | F01 | JUNCTION CITY | 72 | 57 | 13 | 3 | 692 | 312 | 1.51 | 1.21 | 91 |
| KANSAS | 17 | 2180001 | F01 | MCPHERSON | 72 | 47 | 4 | | 214 | 197 | 1.03 | .82 | 62 |
| KANSAS | 17 | 2220001 | F01 | MANHATTAN | 72 | 28 | 6 | 2 | 443 | 278 | | | |
| KANSAS | 17 | 3240001 | F01 | SALINA | 72 | 60 | | | 117 | 109 | .83 | .66 | 50 |
| 097 NORTHWEST KANSAS | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| KANSAS | 17 | 1240001 | F01 | GOODLAND | 72 | 57 | 14 | 1 | 349 | 253 | 1.73 | 1.38 | 104 |
| KANSAS | 17 | 1280001 | F01 | GRAHAM COUNTY | 72 | 8 | | | 68 | 39 | | | |
| KANSAS | 17 | 1340001 | F01 | GREAT BEND | 72 | 58 | | | 134 | 133 | .88 | .70 | 53 |
| KANSAS | 17 | 1480001 | F01 | HAYS | 72 | 51 | 2 | | 203 | 157 | 1.00 | .80 | 60 |
| KANSAS | 17 | 2900001 | F01 | PHILLIPSBURG | 72 | 41 | 2 | | 227 | 158 | 1.31 | 1.05 | 79 |
| 098 SOUTHEAST KANSAS | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| KANSAS | 17 | 0380001 | F01 | CHANUTE | 72 | 52 | | | 150 | 149 | 1.00 | .80 | 60 |
| KANSAS | 17 | 0600001 | F01 | COFFEYVILLE | 72 | 44 | 1 | | 154 | 148 | 1.18 | .94 | 71 |
| KANSAS | 17 | 1000001 | F01 | EMPORIA | 72 | 16 | | | 103 | 62 | | | |
| KANSAS | 17 | 1160001 | F01 | GALENA | 72 | 14 | | | 131 | 101 | | | |
| KANSAS | 17 | 2100001 | F01 | LINN COUNTY | 72 | 26 | 1 | | 231 | 148 | | | |
| KANSAS | 17 | 2920001 | F01 | PITTSBURG | 72 | 54 | | | 108 | 107 | .81 | .65 | 49 |
| 099 SOUTH CENTRAL KANSAS | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| KANSAS | 17 | 0100001 | F01 | ARKANSAS CITY | 72 | 48 | 2 | | 192 | 159 | 1.11 | .89 | 67 |
| KANSAS | 17 | 0900001 | F01 | EL DORADO | 72 | 46 | 1 | | 206 | 139 | .80 | .64 | 48 |
| KANSAS | 17 | 1640001 | F01 | HUTCHINSON | 72 | 58 | 15 | 2 | 314 | 262 | 1.60 | 1.28 | 96 |
| KANSAS | 17 | 2600001 | F01 | NEWTON | 72 | 58 | 2 | | 205 | 200 | .98 | .78 | 59 |
| KANSAS | 17 | 3320002 | F01 | SEDGWICK COUNTY | 72 | 10 | | | 102 | 85 | | | |
| KANSAS | 17 | 3320003 | F01 | SEDGWICK COUNTY | 72 | 13 | | | 84 | 81 | | | |
| KANSAS | 17 | 3320004 | F01 | SEDGWICK COUNTY | 72 | 9 | | | 133 | 132 | | | |
| KANSAS | 17 | 3720001 | F01 | WELLINGTON | 72 | 20 | | | 100 | 93 | | | |
| KANSAS | 17 | 3740001 | A01 | WICHITA | 72 | 25 | 2 | | 190 | 151 | | | |
| KANSAS | 17 | 3740004 | F01 | WICHITA | 72 | 32 | 10 | 3 | 532 | 343 | | | |
| KANSAS | 17 | 3740005 | F01 | WICHITA | 72 | 40 | 20 | 12 | 421 | 413 | 2.36 | 1.89 | 142 |
| KANSAS | 17 | 3740006 | F01 | WICHITA | 72 | 18 | 1 | | 156 | 99 | | | |
| KANSAS | 17 | 3740007 | F01 | WICHITA | 72 | 15 | 2 | | 180 | 173 | | | |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KANSAS | 17 | 3740008 | F01 WICHITA | 72 | 15 | | | 139 | 91 | | | |
| KANSAS | 17 | 3740009 | F01 WICHITA | 72 | 15 | 1 | | 157 | 87 | | | |
| 100 SOUTHWEST KANSAS | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 06, 1973 | | | |
| KANSAS | 17 | 0830001 | F01 DODGE CITY | 72 | 58 | 3 | | 260 | 240 | .80 | .64 | 48 |
| KANSAS | 17 | 1190001 | F01 GARDEN CITY | 72 | 55 | 4 | 1 | 275 | 219 | 1.51 | 1.21 | 91 |
| KANSAS | 17 | 3600001 | F01 ULYSSES | 72 | 13 | | | 115 | 89 | | | |
| 101 APPALACHIAN (KY) | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 06, 1973 | | | |
| KENTUCKY | 18 | 0780001 | F01 CORBIN | 72 | 24 | 5 | | 206 | 197 | | | |
| KENTUCKY | 18 | 2360001 | F01 LONDON KY | 72 | 41 | | | 129 | 80 | .75 | .60 | 45 |
| KENTUCKY | 18 | 3320001 | F01 PIKEVILLE | 72 | 50 | 1 | | 209 | 147 | 1.03 | .82 | 62 |
| KENTUCKY | 18 | 3400001 | F01 PRESTONSBURG | 72 | 54 | 3 | | 180 | 166 | 1.03 | .82 | 62 |
| 102 BLUEGRASS (KY) | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 06, 1973 | | | |
| KENTUCKY | 18 | 1280002 | F01 FRANKFORT | 72 | 45 | | | 130 | 115 | .71 | .57 | 43 |
| KENTUCKY | 18 | 1320001 | F03 FRANKLIN COUNTY | 72 | 54 | 1 | | 235 | 115 | .58 | .46 | 35 |
| KENTUCKY | 18 | 2300001 | A01 LEXINGTON | 72 | 26 | 2 | | 236 | 156 | 1.20 | .96 | 72 |
| KENTUCKY | 18 | 2300003 | F01 LEXINGTON | 72 | 58 | | | 140 | 108 | .90 | .72 | 54 |
| 103 HUNTINGTON-ASHLAND-PORTSMOUTH-IRONTON (KY-OH-W.VA) | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 06, 1973 | | | |
| KENTUCKY | 18 | 0080002 | A01 ASHLAND | 72 | 29 | 11 | | 231 | 209 | 2.28 | 1.82 | 137 |
| KENTUCKY | 18 | 0080003 | F01 ASHLAND | 72 | 58 | 9 | 2 | 350 | 345 | 1.73 | 1.38 | 104 |
| KENTUCKY | 18 | 0080005 | F01 ASHLAND | 72 | 59 | 13 | 1 | 340 | 254 | 1.65 | 1.32 | 99 |
| KENTUCKY | 18 | 0080006 | F01 ASHLAND | 72 | 29 | 1 | | 221 | 136 | | | |
| KENTUCKY | 18 | 0080007 | F01 ASHLAND | 72 | 63 | | | 135 | 118 | .88 | .70 | 53 |
| KENTUCKY | 18 | 0080008 | F01 ASHLAND | 72 | 44 | 5 | 1 | 300 | 198 | | | |
| KENTUCKY | 18 | 0660001 | F01 CATLETTSBURG | 72 | 58 | 3 | | 196 | 184 | 1.30 | 1.04 | 78 |
| KENTUCKY | 18 | 1540001 | F01 GREENUP COUNTY | 72 | 56 | 1 | | 201 | 149 | .88 | .70 | 53 |
| KENTUCKY | 18 | 2680003 | F02 MAYSVILLE | 72 | 41 | | | 99 | 94 | | | |
| KENTUCKY | 18 | 2680004 | F01 MAYSVILLE | 72 | 59 | | | 129 | 126 | .86 | .69 | 52 |
| KENTUCKY | 18 | 2880001 | F01 MOREHEAD | 72 | 34 | | | 83 | 83 | | | |
| OHIO | 36 | 3080002 | A01 IRONTON | 72 | 24 | 6 | | 228 | 185 | 1.80 | 1.44 | 108 |
| OHIO | 36 | 5620002 | A01 PORTSMOUTH | 72 | 27 | | | 147 | 128 | 1.10 | .88 | 66 |
| WEST VIRGINIA | 50 | 0700001 | A01 HUNTINGTON | 72 | 23 | 2 | | 163 | 155 | 1.60 | 1.28 | 96 |
| WEST VIRGINIA | 50 | 0700003 | F01 HUNTINGTON | 72 | 40 | 1 | | 153 | 149 | 1.33 | 1.06 | 80 |
| WEST VIRGINIA | 50 | 0700004 | F03 HUNTINGTON | 72 | 45 | 1 | | 171 | 131 | .90 | .72 | 54 |
| 104 NORTH CENTRAL KENTUCKY | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 06, 1973 | | | |
| KENTUCKY | 18 | 1040002 | F01 ELIZABETHTOWN | 72 | 52 | | | 137 | 99 | .70 | .56 | 42 |
| 105 SOUTH CENTRAL KENTUCKY | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 06, 1973 | | | |
| KENTUCKY | 18 | 0320001 | A01 BOWLING GREEN | 72 | 23 | 1 | | 219 | 143 | 1.16 | .93 | 70 |
| KENTUCKY | 18 | 0320003 | F01 BOWLING GREEN | 72 | 47 | 1 | | 226 | 140 | .95 | .76 | 57 |
| KENTUCKY | 18 | 0320004 | F01 BOWLING GREEN | 72 | 43 | | | 103 | 103 | 1.01 | .81 | 61 |
| 106 SOUTHERN LOUISIANA-SOUTHEAST TEXAS (LOUISIANA-TEXA | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 06, 1973 | | | |
| LOUISIANA | 19 | 0280001 | A01 BATON ROUGE | 72 | 28 | | | 145 | 130 | 1.01 | .81 | 61 |
| LOUISIANA | 19 | 1600001 | F01 LAKE CHARLES | 72 | 50 | 1 | | 158 | 149 | 1.20 | .96 | 72 |
| LOUISIANA | 19 | 1600002 | F01 LAKE CHARLES | 72 | 17 | 1 | | 158 | 124 | | | |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEEDING 24-HR STDS. SEC. | PRI. | | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOUISIANA | 19 | 2020007 | A01 | NEW ORLEANS | 72 | 30 | | | | 119 | 107 | 1.21 | .97 | 73 |
| LOUISIANA | 19 | 2020002 | F01 | NEW ORLEANS | 72 | 54 | 1 | | | 239 | 139 | 1.33 | 1.04 | 80 |
| TEXAS | 45 | 0330001 | A01 | BEAUMONT | 72 | 27 | | | | 140 | 108 | - | - | |
| TEXAS | 45 | 0330001 | F01 | BEAUMONT | 72 | 57 | | | | 140 | 139 | 1.00 | .80 | 60 |
| TEXAS | 45 | 3950002 | F01 | ORANGE | 72 | 50 | 3 | | | 190 | 158 | 1.26 | 1.01 | 76 |
| 107 ANDROSCOGGIN VALLEY (ME-N.H.) | | | | | | ** PRIORITY 1A ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| NEW HAMPSHIRE | 30 | 0040001 | F01 | BERLIN | 72 | 32 | 3 | | | 237 | 179 | - | - | |
| NEW HAMPSHIRE | 30 | 0040002 | F01 | BERLIN | 72 | 17 | | | | 139 | 101 | - | - | |
| NEW HAMPSHIRE | 30 | 0040003 | F01 | BERLIN | 72 | 20 | 1 | | | 172 | 102 | - | - | |
| NEW HAMPSHIRE | 30 | 0040007 | F01 | BERLIN | 72 | 8 | | | | 147 | 119 | - | - | |
| NEW HAMPSHIRE | 30 | 0140001 | A03 | COOS COUNTY | 72 | 27 | | | | 67 | 55 | .33 | .26 | 20 |
| NEW HAMPSHIRE | 30 | 0160001 | F01 | DOVER | 72 | 42 | | | | 102 | 94 | .68 | .54 | 41 |
| NEW HAMPSHIRE | 30 | 0512001 | F01 | NORTHUMBERLAND | 72 | 45 | | | | 89 | 70 | .50 | .40 | 30 |
| NEW HAMPSHIRE | 30 | 0512002 | F01 | NORTHUMBERLAND | 72 | 47 | | | | 81 | 74 | .46 | .37 | 29 |
| 109 DOWN EAST (ME) | | | | | | ** PRIORITY 1A ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| MAINE | 20 | 0010001 | A03 | ACADIA NATIONAL PARK | 72 | 28 | | | | 68 | 65 | .41 | .33 | 25 |
| 110 METROPOLITAN PORTLAND (ME) | | | | | | ** PRIORITY 1 ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| MAINE | 20 | 0960002 | A01 | PORTLAND | 72 | 22 | 1 | | | 156 | 138 | - | - | |
| MAINE | 20 | 0960005 | F01 | PORTLAND | 72 | 30 | | | | 66 | 63 | - | - | |
| MAINE | 20 | 0960006 | F01 | PORTLAND | 72 | 26 | | | | 87 | 86 | - | - | |
| MAINE | 20 | 1140001 | F01 | SOUTH PORTLAND | 72 | 16 | | | | 73 | 68 | - | - | |
| MAINE | 20 | 1140002 | F01 | SOUTH PORTLAND | 72 | 13 | | | | 80 | 55 | - | - | |
| 112 CENTRAL MARYLAND | | | | | | ** PRIORITY 2 ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| MARYLAND | 21 | 0260001 | G05 | BRUNSWICK | 72 | 41 | | | | 125 | 123 | - | - | |
| MARYLAND | 21 | 0260002 | G05 | BRUNSWICK | 72 | 7 | | | | 65 | 47 | - | - | |
| MARYLAND | 21 | 0260003 | G05 | BRUNSWICK | 72 | 10 | | | | 82 | 73 | - | - | |
| MARYLAND | 21 | 0720001 | F01 | FREDERICK | 72 | 55 | | | | 144 | 122 | 1.05 | .84 | 63 |
| MARYLAND | 21 | 0720003 | G01 | FREDERICK | 72 | 44 | | | | 97 | 95 | .80 | .64 | 49 |
| MARYLAND | 21 | 0720004 | G01 | FREDERICK | 72 | 52 | | | | 120 | 102 | .83 | .66 | 50 |
| MARYLAND | 21 | 0740021 | F01 | FREDERICK COUNTY | 72 | 42 | | | | 76 | 66 | - | - | |
| MARYLAND | 21 | 0740022 | G01 | FREDERICK COUNTY | 72 | 42 | | | | 83 | 80 | - | - | |
| MARYLAND | 21 | 0740023 | G01 | FREDERICK COUNTY | 72 | 17 | | | | 82 | 81 | - | - | |
| 113 CUMBERLAND-KEYSER (MD-W. VA.) | | | | | | ** PRIORITY 1 ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| MARYLAND | 21 | 0040001 | G01 | ALLEGANY COUNTY | 72 | 39 | 8 | | 1 | 304 | 242 | - | - | |
| MARYLAND | 21 | 0560001 | G01 | CUMBERLAND | 72 | 60 | 3 | | 1 | 283 | 189 | 1.40 | 1.12 | 84 |
| MARYLAND | 21 | 0760001 | F01 | FROSTBURG | 72 | 9 | | | | 91 | 63 | - | - | |
| MARYLAND | 21 | 0800001 | F01 | GARRETT COUNTY | 72 | 35 | 3 | | | 247 | 189 | - | - | |
| MARYLAND | 21 | 0800003 | F03 | GARRETT COUNTY | 72 | 16 | | | | 63 | 54 | - | - | |
| MARYLAND | 21 | 0860002 | F01 | HAGERSTOWN | 72 | 43 | | | | 142 | 136 | - | - | |
| MARYLAND | 21 | 1700003 | F01 | WESTERNPORT | 72 | 45 | 4 | | | 259 | 247 | - | - | |
| 114 EASTERN SHORE (MD) | | | | | | ** PRIORITY 2 ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| MARYLAND | 21 | 0300001 | F01 | CAMBRIDGE | 72 | 53 | | | | 95 | 94 | .93 | .74 | 56 |
| MARYLAND | 21 | 0420001 | F05 | CECIL COUNTY | 72 | 49 | | | | 113 | 106 | .70 | .56 | 42 |
| MARYLAND | 21 | 0660001 | F01 | ELKTON | 72 | 59 | | | | 114 | 112 | .88 | .70 | 53 |

# Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MARYLAND | 21 | 1420002 | F01 | SALISBURY | 72 | 56 | | | 113 | 97 | .86 | .69 | 52 |
| MARYLAND | 21 | 1420004 | G01 | SALISBURY | 72 | 17 | | | 73 | 71 | | | |
| MARYLAND | 21 | 1420005 | G01 | SALISBURY | 72 | 45 | 1 | | 161 | 147 | .86 | .69 | 52 |
| MARYLAND | 21 | 1740001 | F03 | WICOMOCO COUNTY | 72 | 15 | | | 46 | 40 | | | |
| 115 METROPOLITAN BALTIMORE (MD) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| MARYLAND | 21 | 0060002 | G01 | ANNAPOLIS | 72 | 61 | | | 132 | 129 | .99 | .72 | 54 |
| MARYLAND | 21 | 0080001 | G01 | ANNE ARUNDEL COUNTY | 72 | 121 | 2 | | 165 | 161 | 1.08 | .84 | 65 |
| MARYLAND | 21 | 0080002 | G01 | ANNE ARUNDEL COUNTY | 72 | 67 | | | 149 | 123 | .78 | .62 | 47 |
| MARYLAND | 21 | 0080003 | G01 | ANNE ARUNDEL COUNTY | 72 | 114 | | | 147 | 146 | 1.20 | .96 | 72 |
| MARYLAND | 21 | 0080006 | G01 | ANNE ARUNDEL COUNTY | 72 | 67 | 1 | | 165 | 136 | .85 | .69 | 51 |
| MARYLAND | 21 | 0080008 | G01 | ANNE ARUNDEL COUNTY | 72 | 42 | | | 76 | 64 | .51 | .41 | 31 |
| MARYLAND | 21 | 0120001 | A01 | BALTIMORE | 72 | 27 | 2 | | 166 | 158 | 1.50 | 1.20 | 90 |
| MARYLAND | 21 | 0120001 | H01 | BALTIMORE | 72 | 228 | 39 | 5 | 411 | 302 | 1.55 | 1.24 | 93 |
| MARYLAND | 21 | 0120003 | F01 | BALTIMORE, MD | 72 | 54 | | | 133 | 131 | 1.20 | .96 | 72 |
| MARYLAND | 21 | 0120005 | H01 | BALTIMORE | 72 | 265 | 132 | 28 | 748 | 494 | 2.45 | 1.96 | 147 |
| MARYLAND | 21 | 0120006 | H01 | BALTIMORE | 72 | 133 | | | 135 | 134 | .85 | .68 | 51 |
| MARYLAND | 21 | 0120007 | H01 | BALTIMORE | 72 | 131 | 4 | | 204 | 198 | 1.21 | .97 | 73 |
| MARYLAND | 21 | 0120008 | H01 | BALTIMORE | 72 | 135 | 20 | | 245 | 238 | 1.45 | 1.16 | 87 |
| MARYLAND | 21 | 0120009 | H01 | BALTIMORE | 72 | 231 | 23 | 2 | 288 | 273 | 1.43 | 1.14 | 86 |
| MARYLAND | 21 | 0120014 | K01 | BALTIMORE | 72 | 47 | 4 | | 166 | 160 | 1.40 | 1.12 | 84 |
| MARYLAND | 21 | 0120015 | F01 | BALTIMORE | 72 | 47 | 1 | | 152 | 116 | .96 | .77 | 58 |
| MARYLAND | 21 | 0120016 | F01 | BALTIMORE | 72 | 49 | | | 112 | 109 | 1.00 | .80 | 60 |
| MARYLAND | 21 | 0120021 | G01 | BALTIMORE | 72 | 54 | | | 135 | 118 | 1.00 | .80 | 60 |
| MARYLAND | 21 | 0140003 | G01 | BALTIMORE COUNTY | 72 | 193 | 4 | | 188 | 159 | 1.10 | .88 | 66 |
| MARYLAND | 21 | 0140004 | G01 | BALTIMORE COUNTY | 72 | 55 | | | 146 | 104 | 1.00 | .80 | 60 |
| MARYLAND | 21 | 0180001 | F01 | BEL AIR | 72 | 56 | | | 116 | 100 | .96 | .77 | 58 |
| MARYLAND | 21 | 0500001 | G01 | COCKEYSVILLE | 72 | 47 | 1 | | 156 | 128 | .85 | .68 | 51 |
| MARYLAND | 21 | 0620001 | F01 | DUNDALK | 72 | 56 | 1 | | 238 | 144 | 1.16 | .93 | 70 |
| MARYLAND | 21 | 0680001 | G01 | ESSEX | 72 | 194 | 6 | | 213 | 200 | 1.21 | .97 | 73 |
| MARYLAND | 21 | 0920002 | F01 | HARFORD COUNTY | 72 | 57 | | | 113 | 86 | .68 | .54 | 41 |
| MARYLAND | 21 | 0960001 | F01 | HOWARD COUNTY | 72 | 9 | | | 86 | 84 | - | - | |
| MARYLAND | 21 | 0960003 | F01 | HOWARD COUNTY | 72 | 56 | | | 139 | 89 | .76 | .61 | 46 |
| MARYLAND | 21 | 1040001 | F01 | LANSDOWNE | 72 | 53 | 1 | | 151 | 122 | 1.11 | .89 | 67 |
| MARYLAND | 21 | 1360002 | G01 | RIVIERA BEACH | 72 | 94 | 2 | 1 | 261 | 168 | 1.01 | .81 | 61 |
| MARYLAND | 21 | 1640001 | G01 | TOWSON | 72 | 211 | 4 | | 225 | 198 | .98 | .78 | 59 |
| MARYLAND | 21 | 1720002 | F01 | WESTMINSTER | 72 | 45 | | | 112 | 96 | .80 | .64 | 48 |
| 116 SOUTHERN MARYLAND | | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| MARYLAND | 21 | 0280001 | A03 | CALVERT COUNTY | 72 | 19 | | | 67 | 62 | - | - | |
| MARYLAND | 21 | 0280002 | F01 | CALVERT COUNTY | 72 | 60 | 1 | | 180 | 74 | .63 | .50 | 38 |
| MARYLAND | 21 | 0440001 | F01 | CHARLES COUNTY | 72 | 44 | | | 63 | 62 | - | - | |
| 117 BERKSHIRE (MASS) | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| MASSACHUSETTS | 22 | 0020001 | F01 | ADAMS | 72 | 121 | 2 | | 216 | 150 | .90 | .72 | 54 |
| MASSACHUSETTS | 22 | 1020001 | F01 | LEE | 72 | 124 | | | 101 | 101 | .66 | .53 | 40 |
| MASSACHUSETTS | 22 | 1580001 | F01 | NORTH ADAMS | 72 | 123 | | | 130 | 125 | .75 | .60 | 45 |
| MASSACHUSETTS | 22 | 1800001 | F01 | PITTSFIELD | 72 | 112 | | | 131 | 125 | .85 | .68 | 51 |
| MASSACHUSETTS | 22 | 1800002 | F01 | PITTSFIELD | 72 | 122 | | | 111 | 107 | .70 | .56 | 42 |
| MASSACHUSETTS | 22 | 1800003 | F01 | PITTSFIELD | 72 | 123 | | | 133 | 126 | .78 | .62 | 47 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 118 CENTRAL MASSACHUSETTS | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| MASSACHUSETTS | 22 | 2640004 | F01 | WORCESTER | 72 | 158 | 20 | 3 | 346 | 294 | 1.20 | .96 | 72 |
| MASSACHUSETTS | 22 | 2640008 | F01 | WORCESTER | 72 | 172 | 3 | 1 | 274 | 190 | .95 | .76 | 57 |
| 119 METROPOLITAN BOSTON (MASS) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| MASSACHUSETTS | 22 | 0240001 | A01 | BOSTON | 72 | 20 | 1 | | 226 | 130 | | | |
| MASSACHUSETTS | 22 | 0240001 | F01 | BOSTON | 72 | 31 | 1 | | 217 | 132 | | | |
| MASSACHUSETTS | 22 | 0240002 | F01 | BOSTON | 72 | 233 | 59 | 5 | 352 | 325 | 1.80 | 1.44 | 108 |
| MASSACHUSETTS | 22 | 0240012 | F01 | BOSTON | 72 | 44 | 2 | | 199 | 151 | 1.35 | 1.08 | 81 |
| MASSACHUSETTS | 22 | 0240013 | F01 | BOSTON | 72 | 38 | 1 | | 159 | 142 | 1.03 | .82 | 62 |
| MASSACHUSETTS | 22 | 0240014 | F01 | BOSTON | 72 | 60 | 11 | | 250 | 242 | | | |
| MASSACHUSETTS | 22 | 0340001 | F01 | BROOKLINE | 72 | 43 | | | 88 | 87 | .78 | .62 | 47 |
| MASSACHUSETTS | 22 | 0360001 | A01 | CAMBRIDGE | 72 | 14 | | | 89 | 87 | | | |
| MASSACHUSETTS | 22 | 0360001 | F01 | CAMBRIDGE | 72 | 49 | | | 138 | 107 | .73 | .58 | 44 |
| MASSACHUSETTS | 22 | 0360004 | F01 | CAMBRIDGE | 72 | 76 | 4 | 1 | 292 | 173 | | | |
| MASSACHUSETTS | 22 | 0660001 | F01 | FRAMINGHAM | 72 | 60 | | | 129 | 125 | .80 | .64 | 48 |
| MASSACHUSETTS | 22 | 1100001 | F01 | LYNN | 72 | 40 | | | 93 | 86 | .80 | .64 | 48 |
| MASSACHUSETTS | 22 | 1160001 | F01 | MARBLEHEAD | 72 | 46 | | | 87 | 80 | .65 | .52 | 39 |
| MASSACHUSETTS | 22 | 1200001 | F01 | MAYNARD | 72 | 53 | | | 71 | 67 | .38 | .30 | 23 |
| MASSACHUSETTS | 22 | 1220002 | F01 | MEDFORD | 72 | 47 | | | 148 | 134 | 1.00 | .80 | 60 |
| MASSACHUSETTS | 22 | 1220003 | F01 | MEDFORD | 72 | 167 | 15 | | 202 | 198 | 1.48 | 1.18 | 89 |
| MASSACHUSETTS | 22 | 1480002 | F01 | NEEDHAM | 72 | 54 | | | 89 | 77 | .61 | .49 | 37 |
| MASSACHUSETTS | 22 | 1700001 | F01 | NORWOOD | 72 | 53 | | | 110 | 103 | .71 | .57 | 43 |
| MASSACHUSETTS | 22 | 1880001 | F01 | QUINCY | 72 | 53 | 1 | | 150 | 131 | .86 | .69 | 52 |
| MASSACHUSETTS | 22 | 1940002 | F01 | REVERE | 72 | 47 | 1 | | 157 | 137 | .93 | .74 | 56 |
| MASSACHUSETTS | 22 | 2340003 | F01 | WALTHAM | 72 | 48 | | | 141 | 112 | .70 | .56 | 42 |
| MASSACHUSETTS | 22 | 2620002 | F01 | WOBURN | 72 | 51 | | | 106 | 83 | .68 | .54 | 41 |
| MASSACHUSETTS | 22 | 2640001 | A01 | WORCESTER | 72 | 28 | 5 | 1 | 286 | 254 | 1.46 | 1.17 | 88 |
| 120 METROPOLITAN PROVIDENCE (MASS-R.I.) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| MASSACHUSETTS | 22 | 0120002 | F01 | ATTLEBORO | 72 | 40 | 1 | | 184 | 95 | * | * | |
| MASSACHUSETTS | 22 | 0580003 | F01 | FALL RIVER | 72 | 44 | | | 109 | 87 | .68 | .54 | 41 |
| MASSACHUSETTS | 22 | 0600001 | F01 | FALMOUTH | 72 | 33 | | | 143 | 99 | * | * | |
| MASSACHUSETTS | 22 | 1500001 | A01 | NEW BEDFORD | 72 | 6 | | | 72 | 70 | | * | |
| MASSACHUSETTS | 22 | 1500002 | F01 | NEW BEDFORD | 72 | 41 | | | 96 | 61 | .56 | .45 | 34 |
| MASSACHUSETTS | 22 | 1820001 | F01 | PLYMOUTH | 72 | 31 | | | 99 | 79 | * | * | |
| RHODE ISLAND | 41 | 0040001 | F01 | BRISTOL | 72 | 61 | | | 101 | 93 | .60 | .48 | 36 |
| RHODE ISLAND | 41 | 0065001 | F01 | BURRILLVILLE | 72 | 54 | | | 142 | 72 | .53 | .42 | 32 |
| RHODE ISLAND | 41 | 0090001 | F01 | CHARLESTOWN | 72 | 60 | | | 88 | 85 | .36 | .29 | 22 |
| RHODE ISLAND | 41 | 0100001 | F01 | CRANSTON | 72 | 347 | 1 | | 236 | 136 | .73 | .58 | 44 |
| RHODE ISLAND | 41 | 0120001 | A01 | EAST PROVIDENCE | 72 | 30 | 1 | | 157 | 110 | .93 | .74 | 56 |
| RHODE ISLAND | 41 | 0120003 | F01 | EAST PROVIDENCE | 72 | 24 | | | 83 | 68 | | | |
| RHODE ISLAND | 41 | 0140001 | F01 | KENT COUNTY | 72 | 60 | | | 120 | 58 | .33 | .26 | 20 |
| RHODE ISLAND | 41 | 0165001 | F01 | MIDDLETOWN | 72 | 53 | | | 74 | 72 | .53 | .42 | 32 |
| RHODE ISLAND | 41 | 0180001 | F01 | NEWPORT | 72 | 54 | | | 76 | 66 | .56 | .45 | 34 |
| RHODE ISLAND | 41 | 0230002 | F01 | NORTH KINGSTOWN | 72 | 57 | | | 118 | 71 | .53 | .42 | 32 |
| RHODE ISLAND | 41 | 0280002 | F01 | PAWTUCKET | 72 | 355 | 2 | | 195 | 190 | .78 | .62 | 47 |
| RHODE ISLAND | 41 | 0300001 | A01 | PROVIDENCE | 72 | 29 | | | 129 | 121 | 1.15 | .92 | 69 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RHODE ISLAND | 41 | 0300005 | F01 | PROVIDENCE | 72 | 339 | 8 | 1 | 322 | 198 | .95 | .76 | 57 |
| RHODE ISLAND | 41 | 0300006 | F01 | PROVIDENCE | 72 | 61 | 2 | | 159 | 152 | 1.13 | .90 | 68 |
| RHODE ISLAND | 41 | 0300007 | F01 | PROVIDENCE | 72 | 51 | 9 | 1 | 357 | 221 | 1.28 | 1.02 | 77 |
| RHODE ISLAND | 41 | 0335002 | F01 | SMITHFIELD | 72 | 58 | | | 63 | 56 | .41 | .33 | 25 |
| RHODE ISLAND | 41 | 0350001 | F01 | TIVERTON | 72 | 60 | | | 114 | 98 | .60 | .48 | 36 |
| RHODE ISLAND | 41 | 0360002 | F01 | WARWICK | 72 | 60 | 1 | | 156 | 130 | .76 | .61 | 46 |
| RHODE ISLAND | 41 | 0330002 | A03 | WASHINGTON COUNTY | 72 | 28 | | | 103 | 64 | .50 | .40 | 30 |
| RHODE ISLAND | 41 | 0380005 | F01 | WASHINGTON COUNTY | 72 | 20 | | | 53 | 50 | - | - | |
| RHODE ISLAND | 41 | 0400002 | F01 | WESTERLY | 72 | 61 | | | 142 | 138 | .71 | .57 | 43 |
| RHODE ISLAND | 41 | 0400003 | F01 | WESTERLY | 72 | 61 | | | 76 | 51 | .40 | .32 | 24 |
| RHODE ISLAND | 41 | 0460001 | F01 | WOONSOCKET | 72 | 60 | 1 | | 150 | 123 | .78 | .62 | 47 |
| 121 MERRIMACK VALLEY-SOUTHERN NEW HAMPSHIRE (MASS-N.H. | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| MASSACHUSETTS | 22 | 0140001 | F01 | AYER | 72 | 12 | 1 | | 167 | 103 | - | - | |
| MASSACHUSETTS | 22 | 0226001 | F01 | BILLERICA | 72 | 22 | | | 112 | 54 | - | - | |
| MASSACHUSETTS | 22 | 0840001 | F01 | HAVERHILL | 72 | 68 | | | 109 | 97 | .68 | .54 | 41 |
| MASSACHUSETTS | 22 | 1000002 | F01 | LAWRENCE | 72 | 59 | 2 | | 164 | 155 | 1.08 | .86 | 65 |
| MASSACHUSETTS | 22 | 1080001 | F01 | LOWELL | 72 | 64 | 1 | 1 | 345 | 135 | .83 | .66 | 50 |
| MASSACHUSETTS | 22 | 1080002 | F01 | LOWELL | 72 | 24 | | | 92 | 85 | - | - | |
| MASSACHUSETTS | 22 | 1520001 | F01 | NEWBURYPORT | 72 | 73 | | | 74 | 65 | .51 | .41 | 31 |
| NEW HAMPSHIRE | 30 | 0020001 | A03 | BELKNAP COUNTY | 72 | 111 | 1 | | 233 | 115 | .45 | .36 | 27 |
| NEW HAMPSHIRE | 30 | 0030001 | F01 | BELMONT | 72 | 74 | 2 | 1 | 327 | 171 | .76 | .61 | 46 |
| NEW HAMPSHIRE | 30 | 0120001 | A01 | CONCORD | 72 | 29 | | | 93 | 84 | .63 | .50 | 38 |
| NEW HAMPSHIRE | 30 | 0120002 | F01 | CONCORD | 72 | 28 | | | 121 | 86 | .68 | .54 | 41 |
| NEW HAMPSHIRE | 30 | 0340001 | F01 | KEENE | 72 | 87 | | | 139 | 119 | .78 | .62 | 47 |
| NEW HAMPSHIRE | 30 | 0340002 | F01 | KEENE | 72 | 9 | | | 35 | 31 | - | - | |
| NEW HAMPSHIRE | 30 | 0420004 | F01 | MANCHESTER | 72 | 42 | 2 | 1 | 284 | 229 | .98 | .78 | 59 |
| NEW HAMPSHIRE | 30 | 0440005 | F01 | MERRIMACK COUNTY | 72 | 18 | | | 80 | 37 | - | - | |
| NEW HAMPSHIRE | 30 | 0480006 | F01 | NASHUA | 72 | 49 | | | 72 | 66 | - | - | |
| NEW HAMPSHIRE | 30 | 0480007 | F01 | NASHUA | 72 | 77 | 3 | 1 | 298 | 185 | .88 | .70 | 53 |
| NEW HAMPSHIRE | 30 | 0504001 | F01 | NEWPORT | 72 | 36 | | | 104 | 103 | .76 | .61 | 46 |
| NEW HAMPSHIRE | 30 | 0520001 | F01 | PEMBROKE | 72 | 47 | | | 147 | 94 | .63 | .50 | 38 |
| NEW HAMPSHIRE | 30 | 0540005 | F01 | PORTSMOUTH | 72 | 46 | | | 111 | 94 | .70 | .56 | 42 |
| NEW HAMPSHIRE | 30 | 0560002 | F01 | ROCHESTER | 72 | 47 | | | 143 | 116 | .78 | .62 | 47 |
| NEW HAMPSHIRE | 30 | 0675001 | F01 | TILTON | 72 | 15 | | | 96 | 68 | - | - | |
| 122 CENTRAL MICHIGAN | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| MICHIGAN | 23 | 0420001 | F01 | BAY CITY | 72 | 57 | 5 | | 218 | 188 | 1.11 | .89 | 67 |
| MICHIGAN | 23 | 1280001 | F01 | EAST GRAND RAPIDS | 72 | 28 | | | 78 | 68 | - | - | |
| MICHIGAN | 23 | 1440002 | F01 | ESSEXVILLE | 72 | 55 | | | 125 | 115 | .78 | .62 | 47 |
| MICHIGAN | 23 | 1440003 | F01 | ESSEXVILLE | 72 | 55 | 6 | 4 | 650 | 641 | 1.15 | .92 | 69 |
| MICHIGAN | 23 | 1580001 | A01 | FLINT | 72 | 30 | 1 | | 170 | 124 | 1.16 | .93 | 70 |
| MICHIGAN | 23 | 1580002 | F01 | FLINT | 72 | 52 | | | 133 | 131 | .95 | .76 | 57 |
| MICHIGAN | 23 | 1580003 | F01 | FLINT | 72 | 55 | 1 | | 185 | 140 | 1.05 | .84 | 63 |
| MICHIGAN | 23 | 1580004 | F01 | FLINT | 72 | 54 | | | 149 | 148 | .98 | .78 | 59 |
| MICHIGAN | 23 | 1580005 | F01 | FLINT | 72 | 54 | | | 131 | 118 | .93 | .74 | 56 |
| MICHIGAN | 23 | 1580006 | F01 | FLINT | 72 | 58 | 23 | 5 | 403 | 341 | 2.16 | 1.73 | 130 |
| MICHIGAN | 23 | 1580007 | F01 | FLINT | 72 | 53 | | | 130 | 123 | .91 | .73 | 55 |
| MICHIGAN | 23 | 1580008 | F01 | FLINT | 72 | 58 | | | 125 | 119 | 1.06 | .85 | 64 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | PRI. | ANNUAL GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MICHIGAN | 23 | 1580009 | F01 | FLINT | 72 | 46 | 1 | | 179 | 112 | * | * | |
| MICHIGAN | 23 | 1580010 | F01 | FLINT | 72 | 54 | 1 | | 164 | 146 | 1.00 | .80 | 60 |
| MICHIGAN | 23 | 1580011 | F01 | FLINT | 72 | 40 | | | 116 | 115 | * | * | |
| MICHIGAN | 23 | 1600001 | F01 | FLUSHING | 72 | 44 | 1 | | 155 | 140 | .80 | .64 | 48 |
| MICHIGAN | 23 | 1820001 | A01 | GRAND RAPIDS | 72 | 30 | 1 | | 163 | 135 | 1.25 | 1.00 | 75 |
| MICHIGAN | 23 | 1820002 | F01 | GRAND RAPIDS | 72 | 61 | 1 | | 180 | 146 | 1.15 | .92 | 69 |
| MICHIGAN | 23 | 1820006 | F01 | GRAND RAPIDS | 72 | 60 | 2 | | 200 | 177 | 1.13 | .90 | 68 |
| MICHIGAN | 23 | 1820007 | F01 | GRAND RAPIDS | 72 | 59 | 2 | | 170 | 162 | 1.18 | .94 | 71 |
| MICHIGAN | 23 | 1820010 | F01 | GRAND RAPIDS | 72 | 61 | | | 143 | 137 | .80 | .64 | 48 |
| MICHIGAN | 23 | 1820011 | F01 | GRAND RAPIDS | 72 | 61 | 5 | 1 | 441 | 245 | 1.30 | 1.04 | 78 |
| MICHIGAN | 23 | 1820015 | F01 | GRAND RAPIDS | 72 | 58 | | | 119 | 112 | .70 | .56 | 42 |
| MICHIGAN | 23 | 1820018 | F01 | GRAND RAPIDS | 72 | 61 | | | 117 | 104 | .61 | .49 | 37 |
| MICHIGAN | 23 | 3740001 | F01 | MUSKEGON | 72 | 61 | 1 | | 160 | 150 | .98 | .78 | 59 |
| MICHIGAN | 23 | 3740011 | F01 | MUSKEGON | 72 | 60 | 3 | | 250 | 222 | .86 | .69 | 52 |
| MICHIGAN | 23 | 3740017 | F01 | MUSKEGON | 72 | 14 | | | 98 | 66 | * | * | |
| MICHIGAN | 23 | 3740019 | F01 | MUSKEGON | 72 | 61 | 2 | | 179 | 152 | .76 | .61 | 46 |
| MICHIGAN | 23 | 3780003 | F01 | MUSKEGON HEIGHTS | 72 | 54 | 10 | | 222 | 210 | 1.20 | .96 | 72 |
| MICHIGAN | 23 | 4760001 | A01 | SAGINAW | 72 | 27 | | | 143 | 120 | * | * | |
| MICHIGAN | 23 | 4760003 | F01 | SAGINAW | 72 | 14 | | | 67 | 50 | * | * | |
| MICHIGAN | 23 | 4760004 | F01 | SAGINAW | 72 | 12 | | | 69 | 61 | * | * | |
| MICHIGAN | 23 | 4760007 | F01 | SAGINAW | 72 | 12 | 2 | | 192 | 153 | * | * | |
| MICHIGAN | 23 | 4970001 | F01 | SPRING LAKE | 72 | 60 | | | 129 | 116 | .70 | .56 | 42 |
| MICHIGAN | 23 | 5440001 | F01 | WYOMING | 72 | 50 | | | 127 | 113 | * | * | |
| 123 METROPOLITAN DETROIT-PORT HURON (MICH) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| MICHIGAN | 23 | 0160001 | G01 | ALLEN PARK | 72 | 55 | 10 | 1 | 299 | 190 | 1.58 | 1.26 | 95 |
| MICHIGAN | 23 | 1140001 | A01 | DEARBORN | 72 | 27 | 2 | | 245 | 212 | 1.46 | 1.17 | 88 |
| MICHIGAN | 23 | 1140002 | G01 | DEARBORN | 72 | 58 | 40 | 13 | 1,085 | 513 | 3.15 | 2.52 | 189 |
| MICHIGAN | 23 | 1140003 | G01 | DEARBORN | 72 | 52 | 2 | | 157 | 155 | 1.11 | .89 | 67 |
| MICHIGAN | 23 | 1180001 | A01 | DETROIT | 72 | 30 | 7 | | 236 | 205 | 1.85 | 1.48 | 111 |
| MICHIGAN | 23 | 1180014 | G01 | DETROIT | 72 | 57 | 2 | | 213 | 181 | 1.01 | .81 | 61 |
| MICHIGAN | 23 | 1180015 | G01 | DETROIT | 72 | 56 | 27 | 3 | 554 | 460 | 2.55 | 2.04 | 153 |
| MICHIGAN | 23 | 1180016 | G01 | DETROIT | 72 | 59 | 14 | 3 | 438 | 436 | 1.86 | 1.49 | 112 |
| MICHIGAN | 23 | 1180017 | G01 | DETROIT | 72 | 60 | 5 | | 185 | 167 | 1.55 | 1.24 | 93 |
| MICHIGAN | 23 | 1180018 | G01 | DETROIT | 72 | 59 | 10 | | 198 | 195 | 1.75 | 1.40 | 105 |
| MICHIGAN | 23 | 1180019 | G01 | DETROIT | 72 | 61 | 5 | | 196 | 194 | 1.51 | 1.21 | 91 |
| MICHIGAN | 23 | 1260001 | F01 | EAST DETROIT | 72 | 60 | 2 | | 169 | 165 | 1.43 | 1.14 | 86 |
| MICHIGAN | 23 | 1620001 | F01 | FRASER | 72 | 56 | 1 | | 175 | 150 | 1.26 | 1.01 | 76 |
| MICHIGAN | 23 | 1910004 | G01 | GROSSE ISLE | 72 | 61 | 6 | | 184 | 180 | 1.58 | 1.26 | 95 |
| MICHIGAN | 23 | 3040002 | G01 | LIVONIA | 72 | 59 | 2 | | 218 | 176 | 1.11 | .89 | 67 |
| MICHIGAN | 23 | 3140001 | F01 | MACOMB COUNTY | 72 | 60 | | | 111 | 102 | .66 | .53 | 40 |
| MICHIGAN | 23 | 3140002 | F01 | MACOMB COUNTY | 72 | 59 | 1 | | 159 | 136 | 1.11 | .89 | 67 |
| MICHIGAN | 23 | 3140003 | F01 | MACOMB COUNTY | 72 | 59 | | | 147 | 147 | .91 | .73 | 55 |
| MICHIGAN | 23 | 3240001 | F01 | MARINE CITY | 72 | 59 | | | 150 | 142 | 1.00 | .80 | 60 |
| MICHIGAN | 23 | 3660001 | F01 | MT CLEMENS | 72 | 58 | 2 | 1 | 427 | 175 | .95 | .76 | 57 |
| MICHIGAN | 23 | 3840001 | F01 | NEW BALTIMORE | 72 | 59 | | | 126 | 123 | .86 | .69 | 52 |
| MICHIGAN | 23 | 4320001 | F01 | PONTIAC | 72 | 59 | | | 144 | 128 | 1.08 | .86 | 65 |
| MICHIGAN | 23 | 4320002 | F01 | PONTIAC | 72 | 59 | 1 | | 159 | 119 | .91 | .73 | 55 |
| MICHIGAN | 23 | 4320003 | F01 | PONTIAC | 72 | 57 | 1 | | 167 | 138 | .98 | .78 | 59 |

# Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MICHIGAN | 23 | 4340001 | F01 PORT HURON | 72 | 59 | 4 | | 235 | 187 | 1.53 | 1.22 | 92 |
| MICHIGAN | 23 | 4340002 | F01 PORT HURON | 72 | 55 | 2 | | 167 | 161 | 1.40 | 1.12 | 84 |
| MICHIGAN | 23 | 4340003 | F01 PORT HURON | 72 | 58 | 3 | | 248 | 155 | 1.33 | 1.06 | 80 |
| MICHIGAN | 23 | 4340004 | F01 PORT HURON | 72 | 50 | | | 117 | 95 | .78 | .62 | 47 |
| MICHIGAN | 23 | 4420005 | G01 RIVER ROUGE | 72 | 58 | 19 | 2 | 420 | 293 | 2.08 | 1.66 | 125 |
| MICHIGAN | 23 | 4580001 | F01 ROYAL OAK | 72 | 58 | 3 | 1 | 427 | 191 | 1.28 | 1.02 | 77 |
| MICHIGAN | 23 | 4600002 | F01 ST CLAIR | 72 | 57 | | | 129 | 127 | .96 | .77 | 58 |
| MICHIGAN | 23 | 4640001 | F01 ST CLAIR SHORES | 72 | 60 | | | 141 | 134 | 1.20 | .96 | 72 |
| MICHIGAN | 23 | 4880001 | F01 SOUTHFIELD | 72 | 58 | | | 141 | 133 | .90 | .72 | 54 |
| MICHIGAN | 23 | 5010001 | F01 STERLING HEIGHTS | 72 | 57 | 3 | | 195 | 154 | 1.20 | .96 | 72 |
| MICHIGAN | 23 | 5010002 | F01 STERLING HEIGHTS | 72 | 57 | 7 | | 189 | 187 | 1.26 | 1.01 | 76 |
| MICHIGAN | 23 | 5120001 | A01 TRENTON | 72 | 29 | | | 136 | 129 | 1.25 | 1.00 | 75 |
| MICHIGAN | 23 | 5120003 | G01 TRENTON | 72 | 55 | 2 | | 153 | 151 | 1.25 | 1.00 | 75 |
| MICHIGAN | 23 | 5260001 | F01 WARREN | 72 | 53 | | | 149 | 149 | 1.38 | 1.10 | 83 |
| MICHIGAN | 23 | 5260002 | F01 WARREN | 72 | 50 | 2 | | 194 | 156 | 1.35 | 1.08 | 81 |
| MICHIGAN | 23 | 5320009 | G01 WAYNE COUNTY | 72 | 58 | 4 | | 174 | 158 | 1.15 | .92 | 69 |
| MICHIGAN | 23 | 5325001 | G01 WESTLAND | 72 | 57 | 1 | | 158 | 147 | .98 | .78 | 59 |
| MICHIGAN | 23 | 5420001 | G01 WYANDOTTE | 72 | 61 | 8 | | 250 | 248 | 1.56 | 1.25 | 94 |
| 124 METROPOLITAN TOLEDO (MICH-OHIO) | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| MICHIGAN | 23 | 3580003 | F01 MONROE | 72 | 60 | | | 144 | 143 | 1.08 | .86 | 65 |
| MICHIGAN | 23 | 3580004 | F01 MONROE | 72 | 57 | 5 | 1 | 288 | 231 | 1.21 | .97 | 73 |
| MICHIGAN | 23 | 3580020 | F01 MONROE | 72 | 54 | | | 134 | 122 | 1.16 | .93 | 70 |
| MICHIGAN | 23 | 3600008 | F01 MONROE COUNTY | 72 | 22 | | | 137 | 135 | * | * | |
| OHIO | 36 | 5200002 | H01 OREGON | 72 | 61 | | | 136 | 134 | 1.00 | .80 | 60 |
| OHIO | 36 | 5860001 | H01 ROSSFORD | 72 | 61 | 2 | | 171 | 151 | 1.08 | .86 | 65 |
| OHIO | 36 | 6600001 | A01 TOLEDO | 72 | 28 | 3 | 1 | 277 | 170 | 1.50 | 1.20 | 90 |
| OHIO | 36 | 6600003 | H01 TOLEDO | 72 | 54 | 9 | | 205 | 192 | 1.53 | 1.22 | 92 |
| OHIO | 36 | 6600011 | H01 TOLEDO | 72 | 55 | 4 | 2 | 369 | 302 | 1.30 | 1.04 | 78 |
| OHIO | 36 | 6600012 | H01 TOLEDO | 72 | 60 | 24 | 3 | 312 | 307 | 2.06 | 1.65 | 124 |
| OHIO | 36 | 6600013 | H01 TOLEDO | 72 | 53 | 2 | | 183 | 152 | 1.11 | .89 | 67 |
| OHIO | 36 | 6600014 | H01 TOLEDO | 72 | 32 | 5 | | 201 | 196 | * | * | |
| OHIO | 36 | 6600015 | H01 TOLEDO | 72 | 60 | 5 | | 191 | 178 | 1.36 | 1.09 | 82 |
| OHIO | 36 | 6600016 | H01 TOLEDO | 72 | 49 | 1 | | 151 | 150 | 1.28 | 1.02 | 77 |
| OHIO | 36 | 6600018 | H01 TOLEDO | 72 | 61 | 6 | | 205 | 192 | 1.50 | 1.20 | 90 |
| OHIO | 36 | 6600019 | H01 TOLEDO | 72 | 61 | 6 | 1 | 269 | 180 | 1.50 | 1.20 | 90 |
| 125 SOUTH CENTRAL MICHIGAN | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| MICHIGAN | 23 | 0040001 | F01 ALBION | 72 | 60 | | | 147 | 118 | .68 | .54 | 41 |
| MICHIGAN | 23 | 0240002 | F01 ANN ARBOR | 72 | 40 | 2 | | 249 | 214 | 1.23 | .98 | 74 |
| MICHIGAN | 23 | 0380001 | F01 BATTLE CREEK | 72 | 61 | 2 | | 194 | 183 | 1.01 | .81 | 61 |
| MICHIGAN | 23 | 2600001 | F01 JACKSON | 72 | 54 | 1 | | 158 | 121 | .81 | .65 | 49 |
| MICHIGAN | 23 | 2640002 | F01 KALAMAZOO | 72 | 59 | | | 134 | 114 | .98 | .78 | 59 |
| MICHIGAN | 23 | 2660001 | F01 KALAMAZOO COUNTY | 72 | 50 | | | 125 | 106 | * | * | |
| MICHIGAN | 23 | 2840001 | A01 LANSING | 72 | 28 | | | 143 | 122 | 1.30 | 1.04 | 78 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 UPPER MICHIGAN | | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| MICHIGAN | 23 | 0200001 | F01 | ALPENA | 72 | 58 | 10 | 3 | 806 | 326 | 1.13 | .90 | 68 |
| MICHIGAN | 23 | 0200002 | F01 | ALPENA | 72 | 60 | 5 | | 226 | 218 | 1.03 | .82 | 62 |
| MICHIGAN | 23 | 0200003 | F01 | ALPENA | 72 | 60 | 9 | 3 | 519 | 341 | .96 | .77 | 58 |
| MICHIGAN | 23 | 0740001 | F01 | CADILLAC | 72 | 46 | 1 | | 158 | 105 | - | - | |
| MICHIGAN | 23 | 0840001 | F01 | CHARLEVOIX | 72 | 60 | 1 | | 169 | 147 | .53 | .42 | 32 |
| MICHIGAN | 23 | 0840005 | F01 | CHARLEVOIX | 72 | 59 | | | 117 | 117 | .41 | .33 | 25 |
| MICHIGAN | 23 | 1420001 | F01 | ESCANABA | 72 | 26 | 1 | | 186 | 126 | - | - | |
| MICHIGAN | 23 | 2480001 | F01 | IRON MOUNTAIN | 72 | 41 | 1 | | 163 | 122 | .51 | .41 | 31 |
| MICHIGAN | 23 | 3260005 | F01 | MARQUETTE | 72 | 55 | | | 130 | 127 | .75 | .60 | 45 |
| MICHIGAN | 23 | 3260010 | F01 | MARQUETTE | 72 | 54 | | | 150 | 118 | .53 | .42 | 37 |
| MICHIGAN | 23 | 3280001 | F01 | MARQUETTE COUNTY | 72 | 56 | | | 122 | 121 | .56 | .45 | 34 |
| MICHIGAN | 23 | 3280002 | F01 | MARQUETTE COUNTY | 72 | 57 | | | 87 | 85 | .51 | .41 | 31 |
| MICHIGAN | 23 | 3420001 | F01 | MENOMINEE | 72 | 51 | 3 | 1 | 302 | 194 | .85 | .68 | 51 |
| MICHIGAN | 23 | 4060001 | F01 | ONTONAGON COUNTY | 72 | 52 | | | 98 | 94 | .36 | .29 | 22 |
| MICHIGAN | 23 | 4820002 | F01 | SAULT STE MARIE | 72 | 28 | | | 99 | 93 | - | - | |
| 127 CENTRAL MINNESOTA | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| MINNESOTA | 24 | 3220001 | H01 | ST CLOUD | 72 | 79 | 1 | | 182 | 147 | 1.06 | .85 | 64 |
| MINNESOTA | 24 | 3220016 | H01 | ST CLOUD | 72 | 24 | | | 84 | 74 | - | - | |
| MINNESOTA | 24 | 3220017 | H01 | ST CLOUD | 72 | 26 | 1 | | 159 | 115 | - | - | |
| MINNESOTA | 24 | 3660001 | H01 | STEARNS COUNTY | 72 | 31 | | | 70 | 67 | - | - | |
| MINNESOTA | 24 | 3660002 | H01 | STEARNS COUNTY | 72 | 26 | | | 76 | 59 | - | - | |
| MINNESOTA | 24 | 3660003 | H01 | STEARNS COUNTY | 72 | 28 | | | 76 | 68 | - | - | |
| MINNESOTA | 24 | 3950001 | H01 | WAITE PARK | 72 | 31 | | | 111 | 80 | - | - | |
| 128 SOUTHEAST MINNESOTA-LA CROSSE (MINN-WISC) | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| MINNESOTA | 24 | 0160001 | F01 | AUSTIN | 72 | 50 | | | 133 | 130 | - | - | |
| MINNESOTA | 24 | 1180001 | F01 | FARIBAULT | 72 | 21 | 2 | | 195 | 159 | - | - | |
| MINNESOTA | 24 | 2100001 | F01 | MANKATO | 72 | 20 | 1 | | 182 | 118 | - | - | |
| MINNESOTA | 24 | 3120001 | G01 | ROCHESTER | 72 | 33 | 2 | | 196 | 190 | - | - | |
| MINNESOTA | 24 | 3120010 | G01 | ROCHESTER | 72 | 28 | | | 96 | 87 | - | - | |
| MINNESOTA | 24 | 3120014 | G01 | ROCHESTER | 72 | 27 | | | 134 | 98 | - | - | |
| MINNESOTA | 24 | 3120015 | G01 | ROCHESTER | 72 | 28 | | | 118 | 112 | - | - | |
| MINNESOTA | 24 | 3120016 | G01 | ROCHESTER | 72 | 75 | | | 117 | 115 | .81 | .65 | 49 |
| MINNESOTA | 24 | 4180002 | F01 | WINONA WINONA | 72 | 11 | | | 75 | 72 | - | - | |
| MINNESOTA | 24 | 4200001 | F02 | WINONA COUNTY | 72 | 22 | | | 70 | 54 | - | - | |
| WISCONSIN | 51 | 0840002 | A01 | EAU CLAIRE | 72 | 30 | | | 82 | 81 | .65 | .52 | 39 |
| 129 DULUTH-SUPERIOR (MINN-WISC) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| MINNESOTA | 24 | 1040001 | A01 | DULUTH | 72 | 30 | 3 | 1 | 300 | 234 | 1.20 | .96 | 72 |
| MINNESOTA | 24 | 1620001 | F01 | INTERNATIONAL FALLS | 72 | 13 | 5 | | 215 | 211 | - | - | |
| MINNESOTA | 24 | 1660001 | F02 | ITASCA COUNTY | 72 | 30 | | | 47 | 46 | - | - | |
| WISCONSIN | 51 | 3480001 | A01 | SUPERIOR | 72 | 23 | 2 | | 193 | 162 | - | - | |
| 130 METROPOLITAN FARGO-MOORHEAD (MINN-N.D.) | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| MINNESOTA | 24 | 2320001 | A01 | MOORHEAD | 72 | 20 | 2 | | 187 | 173 | - | - | |
| MINNESOTA | 24 | 2320003 | F01 | MOORHEAD | 72 | 38 | 2 | | 193 | 181 | - | - | |

# Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MINNESOTA | 24 | 2320004 | F01 | MOORHEAD | 72 | 25 | | | 143 | 132 | - | - | |
| MINNESOTA | 24 | 2320005 | F01 | MOORHEAD | 72 | 17 | | | 136 | 113 | - | - | |
| NORTH DAKOTA | 35 | 0220001 | F03 | CASS COUNTY | 72 | 55 | 1 | | 156 | 103 | .55 | .44 | 33 |
| NORTH DAKOTA | 35 | 0400001 | F01 | FARGO | 72 | 60 | 1 | | 154 | 140 | .83 | .66 | 50 |
| NORTH DAKOTA | 35 | 0400002 | F01 | FARGO | 72 | 54 | 4 | 1 | 310 | 180 | 1.08 | .86 | 65 |
| 131 MINNEAPOLIS-ST. PAUL (MINN) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| MINNESOTA | 24 | 0080001 | F01 | ANOKA | 72 | 19 | | | 146 | 134 | - | - | |
| MINNESOTA | 24 | 0360004 | F01 | BLOOMINGTON | 72 | 62 | 1 | | 216 | 150 | .66 | .53 | 40 |
| MINNESOTA | 24 | 0940007 | F01 | DAKOTA COUNTY | 72 | 19 | | | 64 | 62 | - | - | |
| MINNESOTA | 24 | 0940020 | F02 | DAKOTA COUNTY | 72 | 26 | 3 | | 173 | 158 | - | - | |
| MINNESOTA | 24 | 1460005 | F01 | HASTINGS | 72 | 65 | 2 | | 181 | 170 | 1.08 | .86 | 65 |
| MINNESOTA | 24 | 2260001 | A01 | MINNEAPOLIS | 72 | 26 | | | 130 | 106 | 1.06 | .85 | 64 |
| MINNESOTA | 24 | 2260005 | H01 | MINNEAPOLIS | 72 | 29 | 1 | | 231 | 137 | - | - | |
| MINNESOTA | 24 | 2260007 | H01 | MINNEAPOLIS | 72 | 42 | 5 | | 257 | 243 | - | - | |
| MINNESOTA | 24 | 2260020 | H01 | MINNEAPOLIS | 72 | 56 | 1 | | 251 | 148 | .73 | .58 | 44 |
| MINNESOTA | 24 | 2260022 | H01 | MINNEAPOLIS | 72 | 77 | 3 | | 201 | 181 | 1.26 | 1.01 | 76 |
| MINNESOTA | 24 | 2260027 | F01 | MINNEAPOLIS | 72 | 26 | 8 | | 241 | 240 | - | - | |
| MINNESOTA | 24 | 3280006 | F01 | ST LOUIS PARK | 72 | 25 | | | 130 | 112 | - | - | |
| MINNESOTA | 24 | 3300001 | A01 | ST PAUL | 72 | 30 | 2 | | 178 | 152 | 1.31 | 1.05 | 79 |
| MINNESOTA | 24 | 3300001 | H01 | ST PAUL | 72 | 22 | | | 111 | 100 | - | - | |
| MINNESOTA | 24 | 3300003 | H01 | ST PAUL | 72 | 23 | 2 | | 171 | 155 | - | - | |
| MINNESOTA | 24 | 3300013 | H01 | ST PAUL | 72 | 22 | 1 | | 179 | 119 | - | - | |
| MINNESOTA | 24 | 3300014 | H01 | ST PAUL | 72 | 23 | | | 147 | 115 | - | - | |
| MINNESOTA | 24 | 3300016 | H01 | ST PAUL | 72 | 23 | | | 71 | 54 | - | - | |
| MINNESOTA | 24 | 3300018 | H01 | ST PAUL | 72 | 22 | | | 112 | 98 | - | - | |
| MINNESOTA | 24 | 3300021 | H01 | ST PAUL | 72 | 89 | 4 | | 169 | 164 | 1.11 | .89 | 67 |
| MINNESOTA | 24 | 3300023 | H01 | ST PAUL | 72 | 23 | | | 98 | 71 | - | - | |
| MINNESOTA | 24 | 3300024 | H01 | ST PAUL | 72 | 22 | | | 119 | 109 | - | - | |
| MINNESOTA | 24 | 3320004 | F02 | ST PAUL PARK | 72 | 23 | 1 | | 156 | 103 | - | - | |
| MINNESOTA | 24 | 4040001 | F01 | WAYZATA | 72 | 9 | | | 111 | 38 | - | - | |
| 132 NORTHWEST MINNESOTA | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| MINNESOTA | 24 | 0260002 | F01 | BEMIDJI | 72 | 20 | | | 93 | 72 | - | - | |
| MINNESOTA | 24 | 0420001 | F01 | BRAINERD | 72 | 47 | | | 147 | 67 | - | - | |
| MINNESOTA | 24 | 1060003 | F01 | EAST GRAND FORKS | 72 | 30 | 3 | | 175 | 166 | - | - | |
| MINNESOTA | 24 | 1220010 | F01 | FERGUS FALLS | 72 | 6 | 1 | | 173 | 85 | - | - | |
| 133 SOUTHWEST MINNESOTA | | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| MINNESOTA | 24 | 1600001 | F01 | HUTCHINSON | 72 | 30 | | | 135 | 108 | - | - | |
| MINNESOTA | 24 | 2140001 | F01 | MARSHALL | 72 | 20 | | | 139 | 115 | - | - | |
| MINNESOTA | 24 | 2700001 | F01 | ORTONVILLE | 72 | 23 | | | 70 | 57 | - | - | |
| MINNESOTA | 24 | 4140001 | F01 | WILLMAR | 72 | 22 | | | 130 | 103 | - | - | |
| MINNESOTA | 24 | 4220001 | F01 | WORTHINGTON | 72 | 23 | | | 106 | 74 | - | - | |
| 136 NORTHERN PIEDMONT (N.C.) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| NORTH CAROLINA | 34 | 0160001 | F01 | ASHEBORO | 72 | 41 | | | 130 | 90 | .88 | .70 | 53 |
| NORTH CAROLINA | 34 | 0440001 | F02 | BURLINGTON | 72 | 48 | | | 142 | 121 | .85 | .68 | 51 |
| NORTH CAROLINA | 34 | 1275001 | F02 | EDEN | 72 | 35 | | | 105 | 104 | .88 | .70 | 53 |
| NORTH CAROLINA | 34 | 1480001 | G01 | FORSYTH COUNTY | 72 | 45 | | | 99 | 92 | .73 | .58 | 44 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. PRI. | HIGHEST 24-HR VALUES UG/C.M. 1ST | HIGHEST 24-HR VALUES UG/C.M. 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | ANNUAL RATIOS TO ANN. STDS PRI. | GEOM. MEAN UG/C.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NORTH CAROLINA | 34 | 1480002 | G01 | FORSYTH COUNTY | 72 | 59 | | | 97 | 91 | .85 | .68 | 51 |
| NORTH CAROLINA | 34 | 1480003 | G01 | FORSYTH COUNTY | 72 | 58 | | | 137 | 132 | .49 | .39 | 29 |
| NORTH CAROLINA | 34 | 1640001 | F02 | GRAHAM | 72 | 48 | | | 145 | 100 | .81 | .65 | 49 |
| NORTH CAROLINA | 34 | 1740001 | A01 | GREENSBORO | 72 | 26 | 2 | | 251 | 169 | 1.45 | 1.16 | 87 |
| NORTH CAROLINA | 34 | 1740002 | G02 | GREENSBORO | 72 | 49 | 12 | 4 | 374 | 357 | | | |
| NORTH CAROLINA | 34 | 1740003 | G01 | GREENSBORO | 72 | 48 | 8 | | 242 | 218 | | | |
| NORTH CAROLINA | 34 | 1780010 | G02 | GUILFORD COUNTY | 72 | 49 | | | 128 | 117 | | | |
| NORTH CAROLINA | 34 | 2000002 | G02 | HIGH POINT | 72 | 48 | 4 | | 172 | 171 | | | |
| NORTH CAROLINA | 34 | 2000003 | G02 | HIGH POINT | 72 | 43 | | | 149 | 135 | | | |
| NORTH CAROLINA | 34 | 2180001 | G01 | KERNERSVILLE | 72 | 50 | 14 | 5 | 409 | 404 | 2.03 | 1.62 | 122 |
| NORTH CAROLINA | 34 | 2340001 | F02 | LEXINGTON | 72 | 43 | 1 | | 153 | 120 | 1.08 | .86 | 65 |
| NORTH CAROLINA | 34 | 2760001 | F02 | MOUNT AIRY | 72 | 8 | | | 105 | 89 | | | |
| NORTH CAROLINA | 34 | 3300001 | F01 | REIDSVILLE | 72 | 8 | | | 78 | 74 | | | |
| NORTH CAROLINA | 34 | 4020001 | F02 | THOMASVILLE | 72 | 42 | 2 | | 186 | 164 | 1.16 | .93 | 70 |
| NORTH CAROLINA | 34 | 4460002 | A01 | WINSTON-SALEM | 72 | 25 | 3 | 1 | 410 | 152 | 1.63 | 1.30 | 98 |
| NORTH CAROLINA | 34 | 4460002 | G02 | WINSTON-SALEM | 72 | 54 | 3 | | 197 | 168 | 1.43 | 1.14 | 86 |
| NORTH CAROLINA | 34 | 4460003 | G02 | WINSTON-SALEM | 72 | 55 | 2 | | 193 | 164 | 1.36 | 1.09 | 82 |
| NORTH CAROLINA | 34 | 4460005 | G01 | WINSTON-SALEM | 72 | 48 | | | 116 | 91 | .83 | .66 | 50 |
| NORTH CAROLINA | 34 | 4460006 | G01 | WINSTON-SALEM | 72 | 59 | 4 | | 203 | 175 | 1.60 | 1.28 | 96 |
| NORTH CAROLINA | 34 | 4460007 | G01 | WINSTON-SALEM | 72 | 56 | | | 141 | 107 | .93 | .74 | 56 |
| NORTH CAROLINA | 34 | 4460008 | G01 | WINSTON-SALEM | 72 | 55 | 4 | | 186 | 175 | 1.36 | 1.09 | 82 |
| NORTH CAROLINA | 34 | 4460009 | G02 | WINSTON-SALEM | 72 | 56 | 5 | 1 | 1,106 | 187 | 1.70 | 1.36 | 102 |
| NORTH CAROLINA | 34 | 4460010 | G01 | WINSTON-SALEM | 72 | 33 | | | 72 | 70 | | | |
| NORTH CAROLINA | 34 | 4460011 | G01 | WINSTON-SALEM | 72 | 49 | | | 130 | 114 | 1.03 | .82 | 62 |
| 137 NORTHERN MISSOURI | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| MISSOURI | 26 | 1120005 | F01 | COLUMBIA | 72 | 44 | | | 106 | 94 | .61 | .49 | 37 |
| MISSOURI | 26 | 1920001 | F01 | HANNIBAL | 72 | 29 | | | 104 | 73 | | | |
| MISSOURI | 26 | 2980001 | F01 | MARYVILLE | 72 | 59 | | | 143 | 128 | .73 | .58 | 44 |
| MISSOURI | 26 | 3020001 | F01 | MEXICO | 72 | 54 | | | 143 | 132 | .91 | .73 | 55 |
| MISSOURI | 26 | 3020004 | F01 | MEXICO | 72 | 53 | 14 | 1 | 685 | 204 | 1.58 | 1.26 | 95 |
| 138 SOUTHEAST MISSOURI | | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| MISSOURI | 26 | 0700001 | F01 | CAPE GIRARDEAU | 72 | 57 | | | 127 | 126 | .85 | .68 | 51 |
| MISSOURI | 26 | 0700002 | F01 | CAPE GIRARDEAU | 72 | 59 | | | 141 | 138 | .86 | .69 | 52 |
| MISSOURI | 26 | 3800001 | F01 | POPLAR BLUFF | 72 | 43 | 15 | 6 | 815 | 673 | 1.91 | 1.53 | 115 |
| MISSOURI | 26 | 3800002 | F01 | POPLAR BLUFF | 72 | 51 | 1 | | 163 | 126 | .78 | .62 | 47 |
| MISSOURI | 26 | 4100001 | F01 | ROLLA | 72 | 54 | | | 124 | 114 | .81 | .65 | 49 |
| MISSOURI | 26 | 4540001 | F01 | SIKESTON | 72 | 49 | | | 125 | 116 | .90 | .72 | 54 |
| MISSOURI | 26 | 4540002 | F01 | SIKESTON | 72 | 53 | 2 | | 159 | 150 | .90 | .72 | 54 |
| 139 SOUTHWEST MISSOURI | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| MISSOURI | 26 | 2360001 | F01 | JOPLIN | 72 | 23 | | | 111 | 107 | | | |
| MISSOURI | 26 | 2360002 | F01 | JOPLIN | 72 | 24 | 2 | | 239 | 165 | | | |
| MISSOURI | 26 | 4480002 | A03 | SHANNON COUNTY | 72 | 29 | | | 73 | 64 | .41 | .33 | 25 |
| 141 GREAT FALLS (MONT) | | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| MONTANA | 27 | 0570001 | A03 | GLACIER NATIONAL PARK | 72 | 28 | | | 37 | 37 | .25 | .20 | 15 |

# Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 142 HELENA (MONT) | | | | | ** PRIORITY 1A ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| MONTANA | 27 | 0720001 | A01 HELENA | 72 | 13 | | | | 147 | 83 | | | |
| 145 LINCOLN-BEATRICE-FAIRBURY (NEB) | | | | | ** PRIORITY 2 ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| NEBRASKA | 28 | 0160001 | F01 BEATRICE | 72 | 30 | | | | 125 | 122 | .98 | .78 | 59 |
| NEBRASKA | 28 | 0820001 | F01 FAIRBURY | 72 | 30 | | | | 135 | 126 | 1.01 | .81 | 61 |
| NEBRASKA | 28 | 1520001 | G01 LANCASTER COUNTY | 72 | 55 | | | | 98 | 97 | .58 | .46 | 35 |
| NEBRASKA | 28 | 1560002 | A01 LINCOLN | 72 | 29 | 1 | | 1 | 400 | 129 | 1.13 | .90 | 68 |
| NEBRASKA | 28 | 1560003 | G01 LINCOLN | 72 | 61 | | | | 104 | 98 | .91 | .73 | 55 |
| NEBRASKA | 28 | 1560004 | G01 LINCOLN | 72 | 61 | 1 | | | 184 | 139 | 1.06 | .85 | 64 |
| NEBRASKA | 28 | 1560005 | G01 LINCOLN | 72 | 60 | | | | 139 | 130 | 1.00 | .80 | 60 |
| NEBRASKA | 28 | 1560006 | G01 LINCOLN | 72 | 60 | 2 | | | 158 | 155 | 1.10 | .88 | 66 |
| 146 NEBRASKA (REMAINDER) | | | | | ** PRIORITY 3 ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| NEBRASKA | 28 | 0400001 | F01 CASS COUNTY | 72 | 26 | 5 | | | 200 | 178 | 1.65 | 1.32 | 99 |
| NEBRASKA | 28 | 0400002 | F01 CASS COUNTY | 72 | 11 | | | | 137 | 105 | - | - | |
| NEBRASKA | 28 | 0440001 | F01 CHADRON | 72 | 27 | 1 | | | 170 | 143 | 1.03 | .82 | 62 |
| NEBRASKA | 28 | 0560001 | F01 COLUMBUS | 72 | 6 | | | | 57 | 52 | - | - | |
| NEBRASKA | 28 | 0700001 | F05 DAWSON COUNTY | 72 | 15 | 2 | | 2 | 341 | 302 | | | |
| NEBRASKA | 28 | 0900001 | F01 FREMONT | 72 | 7 | | | | 138 | 137 | - | - | |
| NEBRASKA | 28 | 1080001 | F01 GRAND ISLAND | 72 | 28 | | | | 146 | 124 | 1.06 | .85 | 64 |
| NEBRASKA | 28 | 1200001 | F01 HASTINGS | 72 | 6 | | | | 117 | 92 | - | - | |
| NEBRASKA | 28 | 1380001 | F01 KEARNEY | 72 | 7 | | | | 80 | 53 | - | - | |
| NEBRASKA | 28 | 1540001 | F01 LEXINGTON | 72 | 29 | | | | 143 | 120 | .78 | .62 | 47 |
| NEBRASKA | 28 | 1640001 | F01 MCCOOK | 72 | 30 | | | | 113 | 109 | .98 | .78 | 59 |
| NEBRASKA | 28 | 1800001 | F01 NORFOLK | 72 | 28 | | | | 140 | 139 | .88 | .70 | 53 |
| NEBRASKA | 28 | 1820001 | F01 NORTH PLATTE | 72 | 29 | | | | 106 | 98 | .86 | .69 | 52 |
| NEBRASKA | 28 | 2240001 | F01 SCOTTS BLUFF | 72 | 25 | 3 | | 1 | 289 | 169 | | | |
| NEBRASKA | 28 | 2480001 | A03 THOMAS COUNTY | 72 | 22 | | | | 80 | 63 | | | |
| 147 NEVADA (REMAINDER) | | | | | ** PRIORITY 1A ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| NEVADA | 29 | 0120001 | F01 ELKO | 72 | 45 | | | | 145 | 115 | .95 | .76 | 57 |
| NEVADA | 29 | 0160001 | F01 ELY | 72 | 61 | 1 | | | 172 | 126 | .93 | .74 | 56 |
| NEVADA | 29 | 0220001 | F01 FALLON | 72 | 48 | 4 | | 1 | 327 | 197 | 1.36 | 1.09 | 92 |
| NEVADA | 29 | 0240001 | F01 HAWTHORNE | 72 | 61 | | | | 126 | 95 | .90 | .72 | 54 |
| NEVADA | 29 | 0420001 | F01 NYE COUNTY | 72 | 56 | 14 | | 4 | 446 | 304 | 1.61 | 1.29 | 97 |
| NEVADA | 29 | 0420002 | F01 NYE COUNTY | 72 | 32 | | | | 48 | 45 | - | - | |
| NEVADA | 29 | 0560001 | A03 WHITE PINE COUNTY | 72 | 30 | | | | 60 | 45 | .20 | .16 | 12 |
| NEVADA | 29 | 0560002 | F02 WHITE PINE COUNTY | 72 | 59 | 13 | | 3 | 851 | 376 | 1.80 | 1.44 | 109 |
| NEVADA | 29 | 0580001 | F01 WINNEMUCCA | 72 | 50 | 3 | | 1 | 270 | 254 | 1.06 | .85 | 64 |
| 148 NORTHWEST NEVADA | | | | | ** PRIORITY 1 ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| NEVADA | 29 | 0040001 | F01 CARSON CITY | 72 | 55 | | | | 110 | 107 | .90 | .72 | 54 |
| NEVADA | 29 | 0100001 | F01 DOUGLAS COUNTY | 72 | 60 | | | | 123 | 113 | .90 | .72 | 54 |
| NEVADA | 29 | 0100002 | F01 DOUGLAS COUNTY | 72 | 55 | 3 | | | 204 | 196 | 1.16 | .93 | 70 |
| NEVADA | 29 | 0360001 | F01 LYON COUNTY | 72 | 59 | 1 | | | 260 | 150 | 1.18 | .94 | 71 |
| NEVADA | 29 | 0360002 | F01 LYON COUNTY | 72 | 60 | 2 | | | 176 | 154 | 1.25 | 1.00 | 75 |
| NEVADA | 29 | 0480001 | A01 RENO | 72 | 28 | 4 | | | 218 | 204 | 1.55 | 1.24 | 93 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEVADA | 29 | 0480001 | I01 | RENO | 72 | 58 | 5 | | 206 | 201 | 1.43 | 1.14 | 86 |
| NEVADA | 29 | 0480003 | I01 | RENO | 72 | 55 | 6 | | 249 | 242 | 1.35 | 1.08 | 81 |
| NEVADA | 29 | 0480006 | I01 | RENO | 72 | 58 | | | 147 | 147 | .78 | .62 | 47 |
| NEVADA | 29 | 0480007 | I01 | RENO | 72 | 57 | 1 | | 152 | 131 | 1.20 | .96 | 72 |
| NEVADA | 29 | 0480008 | I01 | RENO | 72 | 17 | 1 | | 180 | 118 | * | | |
| NEVADA | 29 | 0500002 | I01 | SPARKS | 72 | 59 | 1 | | 163 | 107 | .95 | .76 | 57 |
| NEVADA | 29 | 0500003 | I01 | SPARKS | 72 | 56 | 7 | | 252 | 213 | 1.69 | 1.34 | 101 |
| NEVADA | 29 | 0540001 | I01 | WASHOE COUNTY | 72 | 58 | | | 99 | 91 | .48 | .38 | 29 |
| NEVADA | 29 | 0540002 | I01 | WASHOE COUNTY | 72 | 60 | | | 70 | 56 | .38 | .30 | 23 |
| 149 CENTRAL NEW HAMPSHIRE | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 06, 1973 | | | |
| NEW HAMPSHIRE | 30 | 0130001 | F01 | CONWAY | 72 | 19 | | | 144 | 70 | * | * | |
| NEW HAMPSHIRE | 30 | 0240006 | F01 | GRAFTON COUNTY | 72 | 40 | 1 | | 186 | 127 | .51 | .41 | 31 |
| 150 NEW JERSEY (REMAINDER) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 06, 1973 | | | |
| NEW JERSEY | 31 | 0080002 | F01 | ATLANTIC COUNTY | 72 | 21 | | | 56 | 54 | * | * | |
| NEW JERSEY | 31 | 0100001 | F01 | ATLANTIC CITY | 72 | 56 | 1 | | 156 | 94 | .95 | .76 | 57 |
| NEW JERSEY | 31 | 0780001 | F01 | CAPE MAY COUNTY | 72 | 21 | | | 70 | 56 | * | * | |
| NEW JERSEY | 31 | 1960001 | F01 | HAMMONTON | 72 | 19 | | | 47 | 45 | * | * | |
| NEW JERSEY | 31 | 3900001 | F01 | OCEAN COUNTY | 72 | 22 | | | 56 | 41 | * | * | |
| NEW JERSEY | 31 | 3900002 | F01 | OCEAN COUNTY | 72 | 21 | | | 56 | 52 | * | * | |
| NEW JERSEY | 31 | 3900003 | F01 | OCEAN COUNTY | 72 | 26 | | | 97 | 76 | * | * | |
| NEW JERSEY | 31 | 3900004 | F01 | OCEAN COUNTY | 72 | 27 | | | 69 | 65 | * | * | |
| NEW JERSEY | 31 | 5360002 | F01 | TOMS RIVER | 72 | 59 | | | 124 | 89 | .75 | .60 | 45 |
| 151 NORTHEAST PENNSYLVANIA-UPPER DEL. VAL. (PENN-N.J.) | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 06, 1973 | | | |
| NEW JERSEY | 31 | 2260002 | F01 | HUNTERDON COUNTY | 72 | 21 | | | 86 | 78 | * | * | |
| NEW JERSEY | 31 | 4240001 | F01 | PHILLIPSBURG | 72 | 30 | 1 | | 168 | 136 | * | * | |
| NEW JERSEY | 31 | 4240003 | F01 | PHILLIPSBURG | 72 | 28 | | | 146 | 126 | * | * | |
| NEW JERSEY | 31 | 5660001 | F01 | WARREN COUNTY | 72 | 20 | | | 57 | 39 | * | * | |
| PENNSYLVANIA | 39 | 0120001 | A01 | ALLENTOWN | 72 | 30 | 2 | | 155 | 155 | 1.45 | 1.16 | 87 |
| PENNSYLVANIA | 39 | 0120701 | F01 | ALLENTOWN | 72 | 53 | | | 123 | 109 | 1.00 | .80 | 60 |
| PENNSYLVANIA | 39 | 0720711 | F03 | BERKS COUNTY | 72 | 59 | | | 97 | 93 | .81 | .65 | 49 |
| PENNSYLVANIA | 39 | 0720716 | F01 | BERKS COUNTY | 72 | 55 | 3 | | 233 | 183 | 1.41 | 1.13 | 85 |
| PENNSYLVANIA | 39 | 0780703 | F01 | BETHLEHEM | 72 | 56 | 5 | | 190 | 174 | 1.33 | 1.06 | 80 |
| PENNSYLVANIA | 39 | 0780705 | F02 | BETHLEHEM | 72 | 45 | 5 | | 179 | 171 | * | * | |
| PENNSYLVANIA | 39 | 2400202 | F01 | DICKSON CITY | 72 | 50 | 9 | 1 | 265 | 190 | 1.43 | 1.14 | 86 |
| PENNSYLVANIA | 39 | 2720704 | F01 | EASTON | 72 | 55 | 1 | | 151 | 132 | 1.20 | .96 | 72 |
| PENNSYLVANIA | 39 | 2980706 | F01 | EMMAUS | 72 | 51 | | | 123 | 106 | .78 | .62 | 47 |
| PENNSYLVANIA | 39 | 3960001 | A01 | HAZLETON | 72 | 28 | 6 | 2 | 377 | 346 | 1.70 | 1.36 | 102 |
| PENNSYLVANIA | 39 | 4410203 | F02 | JESSUP | 72 | 49 | | | 131 | 127 | .76 | .61 | 46 |
| PENNSYLVANIA | 39 | 4820717 | F02 | LAURELDALE | 72 | 60 | 8 | | 238 | 229 | 1.40 | 1.12 | 84 |
| PENNSYLVANIA | 39 | 5220209 | F01 | LUZERNE COUNTY | 72 | 51 | 13 | 1 | 267 | 205 | 1.70 | 1.36 | 102 |
| PENNSYLVANIA | 39 | 5220210 | F03 | LUZERNE COUNTY | 72 | 45 | | | 128 | 113 | .88 | .70 | 53 |
| PENNSYLVANIA | 39 | 6300206 | F01 | NANTICOKE | 72 | 46 | 1 | | 164 | 140 | 1.10 | .88 | 66 |
| PENNSYLVANIA | 39 | 6580702 | F02 | NORTHAMPTON COUNTY | 72 | 49 | | | 111 | 97 | .90 | .72 | 54 |
| PENNSYLVANIA | 39 | 6580707 | F03 | NORTHAMPTON COUNTY | 72 | 47 | | | 145 | 117 | * | * | |
| PENNSYLVANIA | 39 | 7280204 | F01 | PITTSTON | 72 | 49 | 3 | | 221 | 184 | 1.35 | 1.08 | 81 |
| PENNSYLVANIA | 39 | 7620001 | A01 | READING | 72 | 30 | 4 | | 217 | 203 | 1.45 | 1.16 | 87 |

# Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | PRI. | GEOM. MEAN UG/C.U.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PENNSYLVANIA | 39 | 7620712 | F01 | READING | 72 | 29 | 1 | | 189 | 149 | - | | |
| PENNSYLVANIA | 39 | 7620715 | F02 | READING | 72 | 56 | 16 | 2 | 288 | 286 | 1.95 | 1.56 | 117 |
| PENNSYLVANIA | 39 | 8040001 | A01 | SCRANTON | 72 | 29 | 18 | 9 | 526 | 448 | 3.15 | 2.52 | 189 |
| PENNSYLVANIA | 39 | 8040208 | F01 | SCRANTON | 72 | 42 | 5 | 1 | 299 | 247 | 1.61 | 1.29 | 97 |
| PENNSYLVANIA | 39 | 8240713 | F01 | SHILLINGTON | 72 | 55 | | | 96 | 94 | .85 | .69 | 51 |
| PENNSYLVANIA | 39 | 8270714 | F01 | SINKING SPRING | 72 | 59 | 3 | | 177 | 162 | 1.30 | 1.04 | 78 |
| PENNSYLVANIA | 39 | 9430001 | A01 | WILKES BARRE | 72 | 29 | 9 | 1 | 268 | 242 | 1.88 | 1.50 | 113 |
| PENNSYLVANIA | 39 | 9430201 | F01 | WILKES-BARRE | 72 | 46 | 17 | 3 | 350 | 271 | 2.11 | 1.69 | 127 |
| PENNSYLVANIA | 39 | 9430207 | F01 | WILKES-BARRE | 72 | 46 | 15 | 1 | 294 | 232 | 1.90 | 1.52 | 114 |
| PENNSYLVANIA | 39 | 9520205 | F01 | WYOMING | 72 | 27 | 3 | | 234 | 174 | - | | |
| 152 ALBUQUERQUE-MID RIO GRANDE (N. MEX) | | | | | | ** PRIORITY 1 | | | | | AS OF OCTOBER 06, 1973 | | |
| NEW MEXICO | 32 | 0040001 | A01 | ALBUQUERQUE | 72 | 24 | 5 | | 207 | 185 | 1.53 | 1.22 | 92 |
| NEW MEXICO | 32 | 0040001 | H01 | ALBUQUERQUE | 72 | 13 | 4 | 1 | 322 | 200 | - | - | |
| NEW MEXICO | 32 | 0040003 | H01 | ALBUQUERQUE | 72 | 25 | 10 | 2 | 336 | 333 | - | | |
| NEW MEXICO | 32 | 0040004 | H01 | ALBUQUERQUE | 72 | 25 | 3 | 1 | 318 | 183 | - | - | |
| NEW MEXICO | 32 | 0040005 | H01 | ALBUQUERQUE | 72 | 23 | 5 | | 255 | 169 | - | - | |
| NEW MEXICO | 32 | 0040006 | H01 | ALBUQUERQUE | 72 | 24 | 1 | | 167 | 135 | - | - | |
| NEW MEXICO | 32 | 0040007 | H02 | ALBUQUERQUE | 72 | 24 | 1 | | 161 | 144 | - | - | |
| NEW MEXICO | 32 | 0040008 | H02 | ALBUQUERQUE | 72 | 24 | 4 | | 213 | 190 | - | - | |
| NEW MEXICO | 32 | 0140001 | H01 | BERNALILLO COUNTY | 72 | 25 | 7 | 1 | 301 | 228 | | - | |
| NEW MEXICO | 32 | 0140002 | H01 | BERNALILLO COUNTY | 72 | 20 | 5 | 1 | 309 | 182 | - | | |
| NEW MEXICO | 32 | 0140011 | H01 | BERNALILLO COUNTY | 72 | 25 | 13 | 1 | 276 | 249 | | | |
| NEW MEXICO | 32 | 0140031 | H01 | BERNALILLO COUNTY | 72 | 17 | | | 83 | 72 | | - | |
| 153 EL PASO-LAS CRUCES-ALAMAGORDO (N. MEX-TEX) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| NEW MEXICO | 32 | 0020001 | F01 | ALAMOGORDO | 72 | 56 | 7 | 1 | 269 | 217 | 1.26 | 1.01 | 76 |
| NEW MEXICO | 32 | 0580001 | F01 | LAS CRUCES | 72 | 49 | 17 | 1 | 404 | 237 | - | - | |
| TEXAS | 45 | 1700002 | A01 | EL PASO | 72 | 25 | 9 | 3 | 390 | 324 | 2.36 | 1.89 | 142 |
| TEXAS | 45 | 1700002 | G01 | EL PASO | 72 | 62 | 29 | 8 | 416 | 379 | - | - | |
| TEXAS | 45 | 1700007 | G01 | EL PASO | 72 | 40 | 7 | 3 | 790 | 488 | - | - | |
| TEXAS | 45 | 1700008 | G01 | EL PASO | 72 | 50 | 6 | 2 | 548 | 348 | - | - | |
| TEXAS | 45 | 1700010 | G01 | EL PASO | 72 | 45 | 12 | 8 | 1,176 | 904 | - | - | |
| TEXAS | 45 | 1700011 | G01 | EL PASO | 72 | 42 | 8 | 4 | 542 | 389 | - | - | |
| TEXAS | 45 | 1700012 | G01 | EL PASO | 72 | 40 | 7 | 3 | 383 | 289 | - | - | |
| TEXAS | 45 | 1700013 | G01 | EL PASO | 72 | 9 | 1 | 1 | 750 | 53 | - | - | |
| TEXAS | 45 | 1700017 | G01 | EL PASO | 72 | 39 | 16 | 3 | 616 | 530 | - | - | |
| TEXAS | 45 | 1700018 | G01 | EL PASO | 72 | 35 | 21 | 7 | 371 | 352 | - | - | |
| TEXAS | 45 | 1700019 | G01 | EL PASO | 72 | 35 | 7 | 3 | 742 | 385 | - | - | |
| TEXAS | 45 | 1700020 | G01 | EL PASO | 72 | 43 | 7 | 2 | 472 | 278 | - | - | |
| TEXAS | 45 | 1700021 | G01 | EL PASO | 72 | 38 | 21 | 9 | 1,884 | 506 | - | - | |
| TEXAS | 45 | 1700023 | G01 | EL PASO | 72 | 53 | 20 | 8 | 503 | 488 | - | - | |
| TEXAS | 45 | 1700024 | G01 | EL PASO | 72 | 46 | 2 | 1 | 323 | 162 | - | - | |
| TEXAS | 45 | 1710002 | G01 | EL PASO COUNTY | 72 | 7 | 1 | 1 | 432 | 128 | - | - | |
| 154 NORTHEAST PLAINS (N. MEX) | | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| NEW MEXICO | 32 | 0900001 | F01 | RATON | 72 | 26 | 2 | 2 | 384 | 293 | - | - | |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL PATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 155 PECOS-PERMIAN BASIN (N. MEX) | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| NEW MEXICO | 32 | 0060001 | F01 ARTESIA | 72 | 19 | 1 | 1 | 472 | 48 | * | * | |
| NEW MEXICO | 32 | 0160001 | F01 CARLSBAD | 72 | 44 | 3 | 1 | 274 | 160 | 1.01 | .81 | 61 |
| NEW MEXICO | 32 | 0240001 | F01 CLOVIS | 72 | 20 | 5 | | 159 | 158 | * | * | |
| NEW MEXICO | 32 | 0540001 | F01 HOBBS | 72 | 13 | 2 | 1 | 283 | 171 | * | * | |
| NEW MEXICO | 32 | 0960001 | F01 ROSWELL | 72 | 23 | 3 | 2 | 632 | 506 | * | * | |
| 157 UPPER RIO GRANDE VALLEY (N. MEX) | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| NEW MEXICO | 32 | 0700001 | F01 LOS ALAMOS | 72 | 49 | 1 | | 144 | 46 | .38 | .30 | 23 |
| NEW MEXICO | 32 | 0920001 | A03 RIO ARRIBA COUNTY | 72 | 25 | | | 110 | 84 | .46 | .37 | 28 |
| NEW MEXICO | 32 | 1040001 | F01 SANTA FE | 72 | 28 | | | 84 | 83 | * | * | |
| NEW MEXICO | 32 | 1040002 | F01 SANTA FE | 72 | 32 | | | 99 | 99 | * | * | |
| 158 CENTRAL NEW YORK | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| NEW YORK | 33 | 0240001 | F01 AUBURN | 72 | 47 | | | 105 | 103 | .95 | .76 | 57 |
| NEW YORK | 33 | 0240002 | F01 AUBURN | 72 | 41 | | | 78 | 74 | * | * | |
| NEW YORK | 33 | 0740001 | F01 CANASTOTA | 72 | 48 | | | 88 | 82 | .65 | .52 | 39 |
| NEW YORK | 33 | 1380001 | F01 CORTLAND | 72 | 58 | | | 149 | 149 | .95 | .76 | 57 |
| NEW YORK | 33 | 1400001 | F01 CORTLAND COUNTY | 72 | 51 | | | 99 | 92 | .51 | .41 | 31 |
| NEW YORK | 33 | 1800001 | F01 EAST SYRACUSE | 72 | 60 | 10 | | 214 | 205 | 1.46 | 1.17 | 88 |
| NEW YORK | 33 | 2320001 | F01 FULTON | 72 | 56 | | | 86 | 83 | .75 | .60 | 45 |
| NEW YORK | 33 | 2800001 | F01 HAMILTON | 72 | 52 | | | 76 | 65 | .51 | .41 | 31 |
| NEW YORK | 33 | 3340001 | A03 JEFFERSON COUNTY | 72 | 25 | | | 63 | 60 | * | * | |
| NEW YORK | 33 | 3980001 | F01 LOWVILLE | 72 | 29 | | | 106 | 77 | * | * | |
| NEW YORK | 33 | 5040001 | F01 ONEIDA | 72 | 21 | | | 75 | 62 | * | * | |
| NEW YORK | 33 | 5040002 | F01 ONEIDA | 72 | 32 | | | 99 | 79 | * | * | |
| NEW YORK | 33 | 5100001 | F01 ONONDAGA COUNTY | 72 | 58 | 1 | | 157 | 81 | .68 | .54 | 41 |
| NEW YORK | 33 | 5100002 | F01 ONONDAGA COUNTY | 72 | 60 | 17 | 3 | 413 | 320 | 1.88 | 1.50 | 113 |
| NEW YORK | 33 | 5100003 | F01 ONONDAGA COUNTY | 72 | 58 | | | 137 | 121 | .71 | .57 | 43 |
| NEW YORK | 33 | 5100004 | F01 ONONDAGA COUNTY | 72 | 58 | 2 | | 224 | 196 | .95 | .76 | 57 |
| NEW YORK | 33 | 5100006 | F01 ONONDAGA COUNTY | 72 | 59 | 3 | | 217 | 216 | 1.21 | .97 | 73 |
| NEW YORK | 33 | 5100007 | F01 ONONDAGA COUNTY | 72 | 56 | 1 | | 154 | 136 | 1.03 | .82 | 62 |
| NEW YORK | 33 | 5100008 | F01 ONONDAGA COUNTY | 72 | 60 | 3 | | 183 | 181 | 1.06 | .85 | 64 |
| NEW YORK | 33 | 5100010 | F01 ONONDAGA COUNTY | 72 | 60 | | | 141 | 140 | 1.15 | .92 | 69 |
| NEW YORK | 33 | 5100011 | F01 ONONDAGA COUNTY | 72 | 57 | 6 | 1 | 408 | 210 | .95 | .76 | 57 |
| NEW YORK | 33 | 5220001 | F01 OSWEGO | 72 | 55 | | | 131 | 88 | .93 | .74 | 56 |
| NEW YORK | 33 | 5220002 | F01 OSWEGO | 72 | 42 | | | 65 | 64 | * | * | |
| NEW YORK | 33 | 5820001 | F01 ROME | 72 | 58 | 4 | | 170 | 168 | 1.18 | .94 | 71 |
| NEW YORK | 33 | 6320001 | F01 SOLVAY | 72 | 57 | 1 | | 175 | 117 | .96 | .77 | 58 |
| NEW YORK | 33 | 6620001 | A01 SYRACUSE | 72 | 26 | 7 | 1 | 291 | 225 | 1.85 | 1.48 | 111 |
| NEW YORK | 33 | 6620001 | F01 SYRACUSE | 72 | 57 | 8 | 3 | 339 | 336 | 1.78 | 1.42 | 107 |
| NEW YORK | 33 | 6620002 | F01 SYRACUSE | 72 | 61 | 3 | | 184 | 163 | 1.03 | .82 | 62 |
| NEW YORK | 33 | 6620003 | F01 SYRACUSE | 72 | 59 | 11 | 1 | 307 | 214 | 1.68 | 1.34 | 101 |
| NEW YORK | 33 | 6620005 | F01 SYRACUSE | 72 | 58 | 6 | | 210 | 192 | 1.38 | 1.10 | 83 |
| NEW YORK | 33 | 6620008 | F01 SYRACUSE | 72 | 59 | | | 138 | 125 | 1.06 | .85 | 64 |
| NEW YORK | 33 | 6620009 | F01 SYRACUSE | 72 | 53 | | | 147 | 142 | 1.26 | 1.01 | 76 |
| NEW YORK | 33 | 6620010 | F01 SYRACUSE | 72 | 20 | 4 | | 248 | 183 | * | * | |
| NEW YORK | 33 | 6620011 | F01 SYRACUSE | 72 | 39 | 1 | | 202 | 138 | * | * | |

# Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW YORK | 33 | 6880001 | A01 | UTICA | 72 | 25 | 2 | | 171 | 163 | 1.20 | .96 | 72 |
| NEW YORK | 33 | 6880001 | F01 | UTICA | 72 | 59 | 1 | | 151 | 143 | 1.06 | .85 | 64 |
| NEW YORK | 33 | 6880003 | F01 | UTICA | 72 | 42 | | | 107 | 106 | * | * | |
| NEW YORK | 33 | 6880004 | F01 | UTICA | 72 | 34 | | | 94 | 79 | * | * | |
| NEW YORK | 33 | 7160001 | F01 | WATERTOWN | 72 | 41 | | | 109 | 97 | .78 | .62 | 47 |
| 159 CHAMPLAIN VALLEY (N.Y.-VT) | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| NEW YORK | 33 | 1120001 | F01 | CLINTON COUNTY | 72 | 30 | | | 78 | 74 | * | * | |
| NEW YORK | 33 | 2480001 | F01 | GLENS FALLS | 72 | 51 | | | 125 | 95 | .88 | .70 | 53 |
| NEW YORK | 33 | 3160001 | F01 | HUDSON FALLS | 72 | 9 | | | 71 | 53 | * | * | |
| NEW YORK | 33 | 3560001 | F01 | LAKE PLACID | 72 | 47 | | | 88 | 83 | .48 | .38 | 29 |
| NEW YORK | 33 | 5000001 | F01 | OGDENSBURG | 72 | 52 | | | 135 | 112 | .65 | .52 | 39 |
| NEW YORK | 33 | 5480002 | F01 | PLATTSBURGH | 72 | 56 | | | 118 | 85 | .68 | .54 | 41 |
| NEW YORK | 33 | 5960001 | F01 | SARANAC LAKE | 72 | 54 | 1 | | 164 | 117 | .58 | .46 | 35 |
| NEW YORK | 33 | 6680002 | F01 | TICONDEROGA | 72 | 42 | | | 89 | 52 | * | * | |
| NEW YORK | 33 | 6820001 | F01 | TUPPER LAKE | 72 | 30 | | | 58 | 57 | * | * | |
| VERMONT | 47 | 0140001 | A01 | BURLINGTON | 72 | 8 | 1 | | 251 | 147 | * | * | |
| 160 GENESEE-FINGER LAKES (N.Y.) | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| NEW YORK | 33 | 0360001 | F01 | BATAVIA | 72 | 51 | | | 122 | 107 | .86 | .69 | 52 |
| NEW YORK | 33 | 0550001 | F01 | BRIGHTON | 72 | 59 | | | 138 | 109 | .91 | .73 | 55 |
| NEW YORK | 33 | 2420001 | F01 | GENESEO | 72 | 49 | | | 114 | 110 | .63 | .50 | 38 |
| NEW YORK | 33 | 2440001 | F01 | GENEVA | 72 | 54 | | | 96 | 93 | .96 | .77 | 58 |
| NEW YORK | 33 | 2650001 | F01 | GREECE | 72 | 54 | | | 113 | 110 | .96 | .77 | 58 |
| NEW YORK | 33 | 3250001 | F01 | IRONDEQUOIT | 72 | 59 | | | 116 | 115 | .86 | .69 | 52 |
| NEW YORK | 33 | 4380001 | F01 | MONROE COUNTY | 72 | 56 | 2 | | 179 | 158 | 1.01 | .81 | 61 |
| NEW YORK | 33 | 4380002 | F01 | MONROE COUNTY | 72 | 56 | | | 87 | 87 | .63 | .50 | 38 |
| NEW YORK | 33 | 4380003 | F01 | MONROE COUNTY | 72 | 59 | | | 96 | 90 | .68 | .54 | 41 |
| NEW YORK | 33 | 5400001 | F01 | PENN YAN | 72 | 12 | | | 70 | 60 | * | * | |
| NEW YORK | 33 | 5760001 | A01 | ROCHESTER | 72 | 30 | 1 | | 177 | 138 | 1.46 | 1.17 | 88 |
| NEW YORK | 33 | 5760001 | F01 | ROCHESTER | 72 | 61 | 2 | | 168 | 159 | 1.40 | 1.12 | 84 |
| NEW YORK | 33 | 5760002 | F01 | ROCHESTER | 72 | 59 | | | 147 | 125 | 1.01 | .81 | 61 |
| NEW YORK | 33 | 5760003 | F01 | ROCHESTER | 72 | 59 | 8 | | 200 | 178 | 1.50 | 1.20 | 90 |
| NEW YORK | 33 | 5760004 | F01 | ROCHESTER (C) | 72 | 58 | 1 | | 158 | 106 | .85 | .68 | 51 |
| NEW YORK | 33 | 5760005 | F01 | ROCHESTER | 72 | 59 | | | 107 | 100 | .86 | .69 | 52 |
| NEW YORK | 33 | 5760007 | F01 | ROCHESTER | 72 | 44 | 1 | | 164 | 121 | * | * | |
| NEW YORK | 33 | 5760008 | F01 | ROCHESTER | 72 | 44 | | | 142 | 115 | | * | |
| NEW YORK | 33 | 7060001 | F01 | WARSAW | 72 | 55 | 1 | | 166 | 130 | .78 | .62 | 47 |
| NEW YORK | 33 | 7260002 | F01 | WEBSTER | 72 | 59 | | | 103 | 103 | .70 | .56 | 42 |
| 161 HUDSON VALLEY (N.Y.) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| NEW YORK | 33 | 0040001 | A01 | ALBANY | 72 | 24 | | | 130 | 122 | 1.05 | .84 | 63 |
| NEW YORK | 33 | 0040001 | F01 | ALBANY | 72 | 41 | | | 146 | 127 | * | * | |
| NEW YORK | 33 | 0040002 | F01 | ALBANY | 72 | 55 | 16 | 1 | 269 | 240 | 1.96 | 1.57 | 118 |
| NEW YORK | 33 | 0040003 | F01 | ALBANY | 72 | 56 | 17 | 3 | 553 | 334 | 1.83 | 1.46 | 110 |
| NEW YORK | 33 | 0040004 | F01 | ALBANY | 72 | 32 | 7 | | 215 | 170 | * | * | |
| NEW YORK | 33 | 0160001 | F01 | AMSTERDAM | 72 | 47 | | | 129 | 126 | 1.03 | .82 | 62 |
| NEW YORK | 33 | 1170001 | F01 | COEYMANS | 72 | 57 | | | 137 | 129 | .96 | .77 | 58 |
| NEW YORK | 33 | 1170002 | F01 | COEYMANS | 72 | 47 | | | 113 | 98 | .88 | .70 | 53 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | PRI. | ANNUAL GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW YORK | 33 | 1180001 | F01 COHOES | 72 | 28 | | | 137 | 118 | | | |
| NEW YORK | 33 | 1220001 | F01 COLUMBIA COUNTY | 72 | 49 | | | 73 | 70 | .53 | .42 | 32 |
| NEW YORK | 33 | 1220002 | F01 COLUMBIA COUNTY | 72 | 19 | | | 41 | 39 | | | |
| NEW YORK | 33 | 1220003 | F01 COLUMBIA COUNTY | 72 | 7 | | | 78 | 76 | | | |
| NEW YORK | 33 | 1620001 | F01 DUTCHESS COUNTY | 72 | 49 | | | 122 | 77 | .65 | .52 | 39 |
| NEW YORK | 33 | 1620002 | F01 DUTCHESS COUNTY | 72 | 54 | | | 115 | 105 | .85 | .69 | 51 |
| NEW YORK | 33 | 1860001 | F01 ELLENVILLE | 72 | 39 | | | 111 | 82 | .68 | .54 | 41 |
| NEW YORK | 33 | 3140001 | F01 HUDSON | 72 | 44 | | | 116 | 108 | .86 | .69 | 52 |
| NEW YORK | 33 | 3400001 | F01 JOHNSTOWN | 72 | 47 | | | 77 | 72 | | | |
| NEW YORK | 33 | 3500001 | F01 KINGSTON | 72 | 51 | 1 | | 151 | 120 | 1.05 | .84 | 63 |
| NEW YORK | 33 | 3500002 | F01 KINGSTON | 72 | 40 | | | 147 | 146 | 1.21 | .97 | 73 |
| NEW YORK | 33 | 4560001 | F01 NEWBURG | 72 | 49 | 1 | | 155 | 135 | 1.16 | .93 | 70 |
| NEW YORK | 33 | 4600001 | F01 NEW PALTZ | 72 | 50 | 2 | | 239 | 158 | 1.03 | .82 | 62 |
| NEW YORK | 33 | 5620002 | F01 POUGH KEEPSIE | 72 | 39 | 2 | | 157 | 151 | | | |
| NEW YORK | 33 | 5640001 | F01 PUTNAM COUNTY | 72 | 28 | | | 105 | 102 | | | |
| NEW YORK | 33 | 5640002 | F01 PUTNAM COUNTY | 72 | 22 | | | 142 | 100 | | | |
| NEW YORK | 33 | 5680001 | F01 RENSSELAER | 72 | 51 | 4 | 1 | 292 | 228 | 1.28 | 1.02 | 77 |
| NEW YORK | 33 | 5700001 | F01 RENSSELAER COUNTY | 72 | 58 | | | 117 | 106 | .95 | .76 | 57 |
| NEW YORK | 33 | 5700011 | F01 RENSSELAER COUNTY | 72 | 50 | | | 104 | 75 | .50 | .40 | 30 |
| NEW YORK | 33 | 5700021 | F01 RENSSELAER COUNTY | 72 | 46 | | | 149 | 87 | | | |
| NEW YORK | 33 | 5970003 | F01 SARATOGA SPRINGS | 72 | 9 | | | 70 | 47 | | | |
| NEW YORK | 33 | 5980001 | F01 SAUGERTIES | 72 | 48 | 2 | | 169 | 153 | 1.20 | .96 | 77 |
| NEW YORK | 33 | 6020001 | F01 SCHENECTADY | 72 | 38 | 1 | | 158 | 105 | | | |
| NEW YORK | 33 | 6020002 | F01 SCHENECTADY | 72 | 57 | 2 | | 176 | 155 | 1.01 | .81 | 61 |
| NEW YORK | 33 | 6040001 | F01 SCHENECTADY COUNTY | 72 | 46 | | | 78 | 73 | .55 | .44 | 33 |
| NEW YORK | 33 | 6040011 | F01 SCHENECTADY COUNTY | 72 | 53 | | | 105 | 90 | .71 | .57 | 43 |
| NEW YORK | 33 | 6060002 | F01 SCHOHARIE COUNTY | 72 | 47 | | | 145 | 105 | .83 | .66 | 50 |
| NEW YORK | 33 | 6780002 | F01 TROY | 72 | 29 | | | 89 | 87 | | | |
| NEW YORK | 33 | 6840001 | F01 ULSTER COUNTY | 72 | 53 | | | 106 | 93 | .63 | .50 | 38 |
| NEW YORK | 33 | 6840002 | F01 ULSTER COUNTY | 72 | 55 | 22 | 10 | 484 | 453 | 2.06 | 1.65 | 124 |
| 162 NIAGARA FRONTIER (N.Y.) | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| NEW YORK | 33 | 0020001 | F01 AKRON | 72 | 53 | | | 129 | 113 | .86 | .69 | 52 |
| NEW YORK | 33 | 0130001 | F01 AMHERST | 72 | 58 | | | 130 | 118 | 1.06 | .85 | 64 |
| NEW YORK | 33 | 0130002 | F01 AMHERST | 72 | 20 | | | 136 | 130 | | | |
| NEW YORK | 33 | 0500001 | F01 BLASDELL | 72 | 138 | 4 | 1 | 282 | 158 | 1.20 | .96 | 72 |
| NEW YORK | 33 | 0660001 | A01 BUFFALO | 72 | 27 | 2 | | 171 | 169 | 1.60 | 1.28 | 96 |
| NEW YORK | 33 | 0660001 | F01 BUFFALO | 72 | 54 | | | 135 | 119 | 1.20 | .96 | 72 |
| NEW YORK | 33 | 0660002 | F01 BUFFALO | 72 | 57 | | | 139 | 115 | 1.13 | .90 | 68 |
| NEW YORK | 33 | 0660003 | F01 BUFFALO | 72 | 137 | 49 | 4 | 363 | 290 | 2.10 | 1.68 | 126 |
| NEW YORK | 33 | 0660005 | F01 BUFFALO | 72 | 60 | 12 | 2 | 292 | 290 | 1.75 | 1.40 | 105 |
| NEW YORK | 33 | 0660006 | F01 BUFFALO | 72 | 139 | 17 | 1 | 279 | 195 | 1.58 | 1.26 | 95 |
| NEW YORK | 33 | 0660007 | F01 BUFFALO | 72 | 288 | 20 | | 237 | 228 | 1.45 | 1.16 | 87 |
| NEW YORK | 33 | 0660008 | F01 BUFFALO | 72 | 14 | 1 | | 182 | 111 | | | |
| NEW YORK | 33 | 0660009 | F01 BUFFALO | 72 | 16 | | | 128 | 121 | | | |
| NEW YORK | 33 | 1020001 | F01 CHEEKTOWAGA NW | 72 | 59 | 3 | | 214 | 157 | 1.41 | 1.13 | 85 |
| NEW YORK | 33 | 2000003 | F01 ERIE COUNTY | 72 | 168 | | | 106 | 98 | | | |
| NEW YORK | 33 | 2000011 | F01 ERIE COUNTY | 72 | 50 | | | 94 | 92 | .56 | .45 | 34 |
| NEW YORK | 33 | 3420001 | F01 KENMORE | 72 | 56 | 1 | | 155 | 144 | 1.36 | 1.09 | 82 |

# Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW YORK | 33 3520001 | F01 | LACAWANNA | 72 | 275 | 80 | 8 | 301 | 299 | 1.78 | 1.42 | 107 |
| NEW YORK | 33 3520002 | F01 | LACAWANNA | 72 | 140 | 33 | | 249 | 218 | 1.66 | 1.33 | 100 |
| NEW YORK | 33 3640001 | F01 | LANCASTER | 72 | 58 | | | 117 | 96 | .78 | .62 | 47 |
| NEW YORK | 33 3760001 | F01 | LEWISTON | 72 | 49 | 3 | | 178 | 170 | - | - | |
| NEW YORK | 33 3760002 | F01 | LEWISTON (T) | 72 | 61 | 6 | | 205 | 179 | 1.30 | 1.04 | 78 |
| NEW YORK | 33 3920001 | F01 | LOCKPORT | 72 | 56 | | | 106 | 105 | .90 | .72 | 54 |
| NEW YORK | 33 3920002 | F01 | LOCKPORT | 72 | 58 | | | 111 | 109 | .83 | .66 | 50 |
| NEW YORK | 33 3920005 | F01 | LOCKPORT | 72 | 60 | 1 | | 161 | 128 | .98 | .78 | 59 |
| NEW YORK | 33 3920006 | F01 | LOCKPORT (C) | 72 | 59 | 1 | | 152 | 145 | .88 | .70 | 53 |
| NEW YORK | 33 3920008 | F01 | LOCKPORT | 72 | 60 | | | 114 | 108 | .91 | .73 | 55 |
| NEW YORK | 33 3920009 | F01 | LOCKPORT | 72 | 54 | | | 142 | 134 | 1.10 | .88 | 66 |
| NEW YORK | 33 3920010 | F01 | LOCKPORT | 72 | 60 | 1 | | 175 | 140 | 1.13 | .90 | 68 |
| NEW YORK | 33 4720001 | F01 | NIAGARA COUNTY | 72 | 60 | | | 111 | 108 | .75 | .60 | 45 |
| NEW YORK | 33 4720002 | F01 | NIAGARA COUNTY | 72 | 59 | | | 109 | 107 | .78 | .62 | 47 |
| NEW YORK | 33 4730001 | F01 | NIAGARA | 72 | 60 | 3 | | 197 | 163 | 1.18 | .94 | 71 |
| NEW YORK | 33 4740001 | A01 | NIAGARA FALLS | 72 | 29 | 5 | | 178 | 174 | 1.61 | 1.29 | 97 |
| NEW YORK | 33 4740001 | F01 | NIAGARA FALLS | 72 | 59 | 6 | | 170 | 164 | 1.55 | 1.24 | 93 |
| NEW YORK | 33 4740003 | F01 | NIAGARA FALLS | 72 | 52 | 5 | | 219 | 204 | 1.43 | 1.14 | 86 |
| NEW YORK | 33 4740006 | F01 | NIAGARA FALLS | 72 | 58 | 18 | | 236 | 218 | 1.91 | 1.53 | 115 |
| NEW YORK | 33 4740007 | F01 | NIAGARA FALLS | 72 | 58 | 30 | 5 | 341 | 314 | 2.31 | 1.85 | 139 |
| NEW YORK | 33 4740008 | F01 | NIAGARA FALLS | 72 | 60 | 7 | | 222 | 210 | 1.55 | 1.24 | 93 |
| NEW YORK | 33 4740009 | F01 | NIAGARA FALLS | 72 | 58 | 13 | | 226 | 205 | 1.61 | 1.29 | 97 |
| NEW YORK | 33 4900001 | F01 | NORTH TONAWANDA | 72 | 61 | 2 | | 154 | 152 | 1.31 | 1.05 | 79 |
| NEW YORK | 33 4900002 | F01 | NORTH TONAWANDA | 72 | 52 | | | 138 | 127 | 1.00 | .80 | 60 |
| NEW YORK | 33 4900005 | F01 | NORTH TONAWANDA | 72 | 61 | 2 | | 164 | 160 | 1.36 | 1.09 | 82 |
| NEW YORK | 33 6280001 | F01 | SLOAN | 72 | 60 | | | 146 | 131 | 1.21 | .97 | 73 |
| NEW YORK | 33 6760002 | F01 | TONAWANDA | 72 | 60 | 3 | | 178 | 157 | 1.45 | 1.16 | 87 |
| NEW YORK | 33 6760003 | F01 | TONAWANDA | 72 | 61 | | | 139 | 119 | 1.08 | .86 | 65 |
| NEW YORK | 33 7450001 | F01 | WEST SENECA | 72 | 57 | | | 120 | 119 | .91 | .73 | 55 |
| NEW YORK | 33 7450002 | F01 | WEST SENECA | 72 | 50 | 2 | 1 | 387 | 158 | 1.31 | 1.05 | 79 |
| NEW YORK | 33 7455001 | F01 | WHEATFIELD | 72 | 57 | | | 147 | 131 | 1.11 | .89 | 67 |
| 163 SOUTHERN TIER EAST (N.Y.) | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| NEW YORK | 33 0480002 | F01 | BINGHAMTON | 72 | 55 | | | 150 | 138 | .96 | .77 | 58 |
| NEW YORK | 33 0480003 | F01 | BINGHAMTON | 72 | 49 | | | 133 | 122 | .91 | .73 | 55 |
| NEW YORK | 33 1080001 | F01 | CHENANGO COUNTY | 72 | 32 | 1 | | 157 | 72 | * | * | |
| NEW YORK | 33 1530001 | F01 | DELHI | 72 | 8 | | | 75 | 63 | * | * | |
| NEW YORK | 33 1980001 | F01 | ENDICOTT | 72 | 48 | 1 | | 162 | 146 | .85 | .69 | 51 |
| NEW YORK | 33 1980002 | F01 | ENDICOTT | 72 | 53 | 1 | | 249 | 122 | 1.00 | .80 | 60 |
| NEW YORK | 33 3380001 | F01 | JOHNSON CITY | 72 | 51 | 1 | | 176 | 150 | 1.10 | .88 | 66 |
| NEW YORK | 33 4940001 | F01 | NORWICH | 72 | 36 | | | 97 | 85 | * | * | |
| NEW YORK | 33 5020001 | F01 | OLEAN | 72 | 59 | 1 | | 164 | 128 | .80 | .64 | 48 |
| NEW YORK | 33 5280001 | F01 | OWEGO | 72 | 23 | | | 89 | 76 | * | * | |
| 164 SOUTHERN TIER WEST (N.Y.) | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| NEW YORK | 33 0120001 | F01 | ALLEGANY COUNTY | 72 | 13 | | | 46 | 36 | * | * | |
| NEW YORK | 33 0840002 | F01 | CATTARAUGUS COUNTY | 72 | 47 | | | 126 | 110 | .63 | .50 | 38 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | STDS PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW YORK | 33 | 0840003 | F01 CATTARAUGUS COUNTY | 72 | 54 | | | 131 | 89 | .66 | .53 | 40 |
| NEW YORK | 33 | 0840004 | F01 CATTARAUGUS COUNTY | 72 | 39 | | | 95 | 94 | .60 | .48 | 36 |
| NEW YORK | 33 | 1060002 | F01 CHEMUNG COUNTY | 72 | 56 | | | 93 | 92 | .76 | .61 | 46 |
| NEW YORK | 33 | 1320001 | F01 CORNING | 72 | 37 | 2 | | 240 | 189 | - | - | |
| NEW YORK | 33 | 1600001 | F01 DUNKIRK | 72 | 44 | | | 150 | 149 | 1.18 | .94 | 71 |
| NEW YORK | 33 | 1600002 | F01 DUNKIRK | 72 | 10 | | | 105 | 64 | * | * | |
| NEW YORK | 33 | 1865001 | F01 ELLICOTT | 72 | 53 | | | 88 | 80 | .61 | .49 | 37 |
| NEW YORK | 33 | 1880002 | F01 ELMIRA | 72 | 55 | 3 | | 187 | 172 | 1.21 | .97 | 73 |
| NEW YORK | 33 | 3130001 | F01 HORNELL | 72 | 43 | | | 127 | 117 | 1.15 | .92 | 69 |
| NEW YORK | 33 | 3120001 | F01 HORSEHEADS | 72 | 56 | | | 122 | 113 | .90 | .72 | 54 |
| NEW YORK | 33 | 3300001 | F01 ITHACA | 72 | 49 | | | 112 | 104 | .88 | .70 | 53 |
| NEW YORK | 33 | 3320001 | F01 JAMESTOWN | 72 | 59 | 5 | | 242 | 222 | 1.38 | 1.10 | 83 |
| NEW YORK | 33 | 3320002 | F01 JAMESTOWN | 72 | 24 | 2 | | 179 | 171 | - | - | |
| NEW YORK | 33 | 3320003 | F01 JAMESTOWN | 72 | 42 | 3 | | 179 | 164 | .95 | .76 | 57 |
| NEW YORK | 33 | 6240001 | F01 SILVER CREEK | 72 | 10 | | | 65 | 62 | * | | |
| NEW YORK | 33 | 7200001 | F01 WATKINS GLEN | 72 | 10 | | | 78 | 53 | * | - | |
| NEW YORK | 33 | 7280001 | F01 WELLESVILLE | 72 | 10 | | | 66 | 43 | * | * | |
| 165 EASTERN MOUNTAIN (N.C.) | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| NORTH CAROLINA | 34 | 0080001 | G01 ALEXANDER COUNTY | 72 | 31 | 6 | 6 | 1,014 | 1,004 | - | - | |
| NORTH CAROLINA | 34 | 0140001 | F01 ASHE COUNTY | 72 | 55 | 1 | | 172 | 135 | 1.13 | .90 | 68 |
| NORTH CAROLINA | 34 | 0400001 | F02 BOONE | 72 | 50 | | | 136 | 127 | .81 | .65 | 49 |
| NORTH CAROLINA | 34 | 0660001 | G01 CATAWBA COUNTY | 72 | 31 | | | 91 | 78 | * | * | |
| NORTH CAROLINA | 34 | 0840012 | G01 CLEVELAND COUNTY | 72 | 46 | | | 94 | 82 | * | * | |
| NORTH CAROLINA | 34 | 0840013 | G02 CLEVELAND COUNTY | 72 | 40 | 3 | | 180 | 167 | * | * | |
| NORTH CAROLINA | 34 | 0840014 | G02 CLEVELAND COUNTY | 72 | 35 | | | 129 | 123 | * | * | |
| NORTH CAROLINA | 34 | 0910001 | G01 CONOVER | 72 | 30 | 1 | | 161 | 95 | * | * | |
| NORTH CAROLINA | 34 | 1460001 | F01 FOREST CITY | 72 | 41 | | | 132 | 106 | * | * | |
| NORTH CAROLINA | 34 | 1960001 | G02 HICKORY | 72 | 23 | | | 128 | 123 | * | * | |
| NORTH CAROLINA | 34 | 1960002 | G01 HICKORY | 72 | 30 | | | 113 | 108 | * | * | |
| NORTH CAROLINA | 34 | 2200001 | G01 KINGS MOUNTAIN | 72 | 44 | 1 | | 151 | 106 | * | * | |
| NORTH CAROLINA | 34 | 2300001 | G01 LENOIR | 72 | 29 | 7 | | 242 | 217 | * | * | |
| NORTH CAROLINA | 34 | 2480001 | F02 MCDOWELL COUNTY | 72 | 51 | | | 124 | 114 | .91 | .73 | 55 |
| NORTH CAROLINA | 34 | 2540001 | F01 MARION | 72 | 56 | 2 | | 244 | 154 | 1.26 | 1.01 | 76 |
| NORTH CAROLINA | 34 | 2740001 | G02 MORGANTON | 72 | 7 | | | 52 | 51 | - | * | |
| NORTH CAROLINA | 34 | 2900001 | G01 NEWTON | 72 | 31 | | | 109 | 107 | * | * | |
| NORTH CAROLINA | 34 | 2960001 | F01 NORTH WILKESBORO | 72 | 54 | | | 97 | 89 | .61 | .49 | 37 |
| NORTH CAROLINA | 34 | 3200001 | F01 POLK COUNTY | 72 | 55 | | | 112 | 105 | .78 | .62 | 47 |
| NORTH CAROLINA | 34 | 3520001 | F01 RUTHERFORDTON | 72 | 55 | | | 150 | 112 | .91 | .73 | 55 |
| NORTH CAROLINA | 34 | 3660001 | G01 SHELBY | 72 | 46 | | | 148 | 147 | - | * | |
| NORTH CAROLINA | 34 | 3820001 | F01 SPINDALE | 72 | 52 | | | 107 | 97 | .73 | .58 | 44 |
| NORTH CAROLINA | 34 | 3880001 | F02 SPRUCE PINE | 72 | 56 | 2 | | 170 | 157 | 1.30 | 1.04 | 78 |
| NORTH CAROLINA | 34 | 3880002 | F02 SPRUCE PINE | 72 | 54 | | | 116 | 102 | .73 | .58 | 44 |
| NORTH CAROLINA | 34 | 3880003 | F02 SPRUCE PINE | 72 | 21 | | | 125 | 123 | * | * | |
| NORTH CAROLINA | 34 | 4360001 | F01 WILKES COUNTY | 72 | 56 | | | 108 | 106 | .78 | .62 | 47 |
| NORTH CAROLINA | 34 | 4500001 | F02 YANCEY COUNTY | 72 | 55 | | | 99 | 97 | .68 | .54 | 41 |
| NORTH CAROLINA | 34 | 4500002 | F01 YANCEY COUNTY | 72 | 56 | | | 115 | 102 | .63 | .50 | 38 |

# Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | ANNUAL GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 166 EASTERN PIEDMONT (N.C.) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| NORTH CAROLINA | 34 | 0680003 | F01 | CHAPEL HILL | 72 | 43 | | | 87 | 80 | .63 | .50 | 38 |
| NORTH CAROLINA | 34 | 0720001 | F01 | CHATHAM COUNTY | 72 | 47 | | | 146 | 125 | 1.05 | .84 | 63 |
| NORTH CAROLINA | 34 | 1160001 | A01 | DURHAM | 72 | 25 | | | 100 | 91 | 1.10 | .88 | 66 |
| NORTH CAROLINA | 34 | 1160001 | G01 | DURHAM | 72 | 33 | 1 | | 158 | 142 | 1.31 | 1.05 | 79 |
| NORTH CAROLINA | 34 | 1160002 | G01 | DURHAM | 72 | 60 | | | 112 | 81 | .73 | .53 | 44 |
| NORTH CAROLINA | 34 | 1880001 | F01 | HENDERSON | 72 | 43 | | | 127 | 122 | .81 | .65 | 49 |
| NORTH CAROLINA | 34 | 3040001 | F02 | OXFORD | 72 | 41 | | | 137 | 88 | * | * | |
| NORTH CAROLINA | 34 | 3240002 | F01 | RALEIGH | 72 | 43 | 2 | | 152 | 152 | .91 | .73 | 55 |
| NORTH CAROLINA | 34 | 3240003 | F01 | RALEIGH | 72 | 36 | 2 | | 195 | 160 | * | * | |
| NORTH CAROLINA | 34 | 3360001 | F02 | ROANOKE RAPIDS | 72 | 42 | 1 | | 162 | 114 | .78 | .62 | 47 |
| NORTH CAROLINA | 34 | 3440001 | F01 | ROCKY MOUNT | 72 | 43 | | | 93 | 77 | .18 | .14 | 11 |
| NORTH CAROLINA | 34 | 3480001 | F02 | ROXBORO | 72 | 44 | | | 103 | 90 | .55 | .44 | 33 |
| NORTH CAROLINA | 34 | 3480002 | F02 | ROXBORO | 72 | 13 | | | 84 | 66 | * | * | |
| NORTH CAROLINA | 34 | 3580001 | F01 | SANFORD | 72 | 48 | | | 117 | 111 | .81 | .65 | 49 |
| NORTH CAROLINA | 34 | 3700001 | F01 | SMITHFIELD | 72 | 42 | 1 | | 252 | 116 | .78 | .62 | 47 |
| NORTH CAROLINA | 34 | 4420001 | F02 | WILSON | 72 | 42 | 1 | 1 | 264 | 143 | .95 | .76 | 57 |
| 167 METROPOLITAN CHARLOTTE (N.C.-S.C.) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 05, 1973 | | |
| NORTH CAROLINA | 34 | 0060001 | F01 | ALBEMARLE | 72 | 29 | | | 92 | 81 | * | * | |
| NORTH CAROLINA | 34 | 0300001 | G02 | BELMONT | 72 | 14 | 1 | | 156 | 136 | * | * | |
| NORTH CAROLINA | 34 | 0700001 | A01 | CHARLOTTE | 72 | 27 | | | 115 | 101 | .95 | .76 | 57 |
| NORTH CAROLINA | 34 | 0700001 | G01 | CHARLOTTE | 72 | 26 | 2 | 1 | 320 | 173 | 1.23 | .98 | 74 |
| NORTH CAROLINA | 34 | 0700002 | G01 | CHARLOTTE | 72 | 57 | 4 | 1 | 285 | 244 | 1.28 | 1.02 | 77 |
| NORTH CAROLINA | 34 | 0700003 | G01 | CHARLOTTE | 72 | 59 | 1 | | 207 | 137 | 1.10 | .88 | 66 |
| NORTH CAROLINA | 34 | 0700004 | G01 | CHARLOTTE | 72 | 58 | 1 | | 178 | 121 | .91 | .73 | 55 |
| NORTH CAROLINA | 34 | 0700005 | G01 | CHARLOTTE NC | 72 | 14 | | | 132 | 100 | * | * | |
| NORTH CAROLINA | 34 | 0700006 | G01 | CHARLOTTE | 72 | 58 | 8 | | 223 | 213 | 1.65 | 1.32 | 99 |
| NORTH CAROLINA | 34 | 0700007 | G01 | CHARLOTTE | 72 | 49 | | | 97 | 80 | * | * | |
| NORTH CAROLINA | 34 | 0700008 | G01 | CHARLOTTE | 72 | 64 | | | 149 | 147 | .93 | .74 | 56 |
| NORTH CAROLINA | 34 | 0700009 | G02 | CHARLOTTE | 72 | 27 | 2 | | 219 | 162 | * | * | |
| NORTH CAROLINA | 34 | 0700010 | G01 | CHARLOTTE | 72 | 56 | 2 | | 246 | 187 | 1.15 | .92 | 69 |
| NORTH CAROLINA | 34 | 0700011 | G01 | CHARLOTTE | 72 | 59 | 1 | | 165 | 132 | .90 | .72 | 54 |
| NORTH CAROLINA | 34 | 0700014 | G01 | CHARLOTTE | 72 | 16 | | | 114 | 86 | * | | |
| NORTH CAROLINA | 34 | 0760001 | G01 | CHERRYVILLE NC | 72 | 23 | 1 | | 204 | 131 | | | |
| NORTH CAROLINA | 34 | 0760002 | G01 | CHERRYVILLE | 72 | 15 | 1 | | 181 | 111 | | * | |
| NORTH CAROLINA | 34 | 0900001 | F01 | CONCORD | 72 | 41 | | | 140 | 125 | 1.08 | .86 | 65 |
| NORTH CAROLINA | 34 | 0920001 | G01 | CRAMERTON NC | 72 | 30 | 1 | | 250 | 132 | * | * | |
| NORTH CAROLINA | 34 | 0920002 | G02 | CRAMERTON | 72 | 15 | | | 95 | 83 | | | |
| NORTH CAROLINA | 34 | 1000001 | G01 | DALLAS NC | 72 | 57 | | | 148 | 110 | .78 | .62 | 47 |
| NORTH CAROLINA | 34 | 1000003 | G01 | DALLAS | 72 | 60 | | | 140 | 137 | 1.06 | .85 | 64 |
| NORTH CAROLINA | 34 | 1040001 | G01 | DAVIDSON | 72 | 57 | 3 | | 166 | 164 | 1.05 | .84 | 63 |
| NORTH CAROLINA | 34 | 1040002 | G02 | DAVIDSON | 72 | 13 | | | 114 | 55 | * | * | |
| NORTH CAROLINA | 34 | 1580002 | G02 | GASTONIA | 72 | 15 | 1 | | 156 | 150 | | * | |
| NORTH CAROLINA | 34 | 1580003 | G01 | GASTONIA | 72 | 58 | 2 | | 228 | 175 | 1.03 | .82 | 62 |
| NORTH CAROLINA | 34 | 2060001 | F02 | IREDELL COUNTY | 72 | 35 | | | 141 | 121 | | * | |
| NORTH CAROLINA | 34 | 2160001 | F02 | KANNAPOLIS | 72 | 28 | | | 119 | 111 | * | * | |
| NORTH CAROLINA | 34 | 2160002 | G01 | KANNAPOLIS | 72 | 54 | 3 | | 244 | 195 | 1.23 | .98 | 74 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEDG 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NORTH CAROLINA | 34 | 2230001 | G01 | LANDIS | 72 | 54 | 2 | | 181 | 159 | .95 | .76 | 57 |
| NORTH CAROLINA | 34 | 2380001 | F01 | LINCOLNTON | 72 | 34 | | | 123 | 93 | | | |
| NORTH CAROLINA | 34 | 2380002 | F01 | LINCOLNTON | 72 | 34 | | | 139 | 128 | | | |
| NORTH CAROLINA | 34 | 2580001 | G01 | MECKLENBURG COUNTY | 72 | 12 | | | 48 | 46 | | | |
| NORTH CAROLINA | 34 | 2640001 | F01 | MONROE | 72 | 39 | 2 | 1 | 266 | 204 | | | |
| NORTH CAROLINA | 34 | 2700001 | F01 | MOORESVILLE | 72 | 45 | 3 | 1 | 297 | 191 | 1.33 | 1.06 | 80 |
| NORTH CAROLINA | 34 | 2780001 | G02 | MT. HOLLY | 72 | 15 | 2 | | 177 | 154 | | | |
| NORTH CAROLINA | 34 | 3460001 | G03 | ROWAN COUNTY | 72 | 53 | 3 | 1 | 364 | 202 | 1.26 | 1.01 | 76 |
| NORTH CAROLINA | 34 | 3460019 | G01 | ROWAN COUNTY | 72 | 36 | 1 | | 203 | 125 | | | |
| NORTH CAROLINA | 34 | 3540002 | G01 | SALISBURY | 72 | 36 | 3 | | 208 | 193 | | | |
| NORTH CAROLINA | 34 | 3540003 | G01 | SALISBURY | 72 | 14 | 3 | 2 | 474 | 373 | | | |
| NORTH CAROLINA | 34 | 3920001 | F01 | STATESVILLE | 72 | 40 | | | 110 | 97 | .96 | .77 | 58 |
| SOUTH CAROLINA | 42 | 0640001 | F01 | CHESTER COUNTY | 72 | 48 | | | 131 | 109 | .71 | .57 | 43 |
| SOUTH CAROLINA | 42 | 1440001 | F01 | LANCASTER | 72 | 52 | 2 | | 228 | 176 | 1.03 | .82 | 62 |
| SOUTH CAROLINA | 42 | 1920001 | F01 | ROCK HILL | 72 | 57 | 1 | 1 | 316 | 131 | .88 | .70 | 53 |
| SOUTH CAROLINA | 42 | 1920002 | F01 | ROCK HILL | 72 | 50 | | | 144 | 125 | .95 | .76 | 57 |
| SOUTH CAROLINA | 42 | 1920004 | F01 | ROCK HILL | 72 | 6 | | | 51 | 49 | | | |
| SOUTH CAROLINA | 42 | 2420001 | F01 | YORK | 72 | 57 | | | 136 | 112 | .78 | .62 | 47 |
| SOUTH CAROLINA | 42 | 2440001 | F01 | YORK COUNTY | 72 | 47 | | | 120 | 114 | | | |
| 168 NORTHERN COASTAL PLAIN (N.C.) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| NORTH CAROLINA | 34 | 0020001 | F01 | AHOSKIE | 72 | 51 | | | 91 | 81 | .70 | .56 | 42 |
| NORTH CAROLINA | 34 | 0280001 | F02 | BEAUFORT COUNTY | 72 | 43 | | | 148 | 63 | | | |
| NORTH CAROLINA | 34 | 0320001 | F02 | BERTIE COUNTY | 72 | 50 | | | 84 | 81 | .75 | .60 | 45 |
| NORTH CAROLINA | 34 | 0560001 | F01 | CAMDEN COUNTY | 72 | 14 | | | 57 | 49 | | | |
| NORTH CAROLINA | 34 | 0590001 | A03 | CAPE HATTERAS NAT SEA | 72 | 14 | 5 | | 214 | 180 | | | |
| NORTH CAROLINA | 34 | 1280001 | F01 | EDENTON | 72 | 48 | | | 97 | 91 | .65 | .52 | 39 |
| NORTH CAROLINA | 34 | 1320001 | F01 | ELIZABETH CITY | 72 | 51 | | | 132 | 101 | .71 | .57 | 42 |
| NORTH CAROLINA | 34 | 1400001 | F02 | FARMVILLE | 72 | 48 | | | 112 | 110 | .78 | .62 | 47 |
| NORTH CAROLINA | 34 | 1600001 | F02 | GATES COUNTY | 72 | 14 | | | 49 | 47 | | | |
| NORTH CAROLINA | 34 | 1760001 | F01 | GREENVILLE | 72 | 14 | | | 58 | 58 | | | |
| NORTH CAROLINA | 34 | 1940001 | F02 | HERTFORD COUNTY | 72 | 37 | | | 131 | 84 | | | |
| NORTH CAROLINA | 34 | 1940002 | F02 | HERTFORD COUNTY | 72 | 52 | | | 106 | 83 | .58 | .46 | 35 |
| NORTH CAROLINA | 34 | 3160001 | F02 | PLYMOUTH | 72 | 53 | | | 81 | 70 | .63 | .50 | 38 |
| NORTH CAROLINA | 34 | 4220001 | F01 | WASHINGTON | 72 | 48 | | | 121 | 109 | .90 | .72 | 54 |
| 169 SANDHILLS (N.C.) | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| NORTH CAROLINA | 34 | 1120001 | F01 | DUNN | 72 | 47 | 1 | | 221 | 144 | 1.06 | .85 | 64 |
| NORTH CAROLINA | 34 | 1420002 | F01 | FAYETTEVILLE | 72 | 47 | 2 | | 188 | 165 | 1.08 | .86 | 65 |
| NORTH CAROLINA | 34 | 1420003 | F02 | FAYETTEVILLE | 72 | 15 | | | 146 | 137 | | | |
| NORTH CAROLINA | 34 | 2240001 | F01 | LAURINBURG | 72 | 51 | | | 118 | 94 | .73 | .58 | 44 |
| NORTH CAROLINA | 34 | 2460001 | F01 | LUMBERTON | 72 | 50 | | | 143 | 130 | .95 | .76 | 57 |
| NORTH CAROLINA | 34 | 2680001 | F01 | MOORE COUNTY | 72 | 42 | | | 108 | 97 | .58 | .46 | 35 |
| NORTH CAROLINA | 34 | 3400001 | F02 | ROCKINGHAM | 72 | 27 | 1 | | 222 | 132 | | | |
| NORTH CAROLINA | 34 | 3720001 | F01 | SOUTHERN PINES | 72 | 48 | | | 118 | 100 | .66 | .53 | 40 |

# Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | PRI. | ANNUAL GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 170 SOUTHERN COASTAL PLAIN (N.C.) | | | | | | ** PRIORITY 2 | | | | | | AS OF OCTOBER 06, 1973 | |
| NORTH CAROLINA | 34 | 0460001 | F02 | BRUNSWICK COUNTY | 72 | 43 | | | 141 | 123 | .76 | .61 | 46 |
| NORTH CAROLINA | 34 | 0880001 | F02 | COLUMBUS COUNTY | 72 | 23 | 4 | | 172 | 170 | - | - | |
| NORTH CAROLINA | 34 | 0880002 | F02 | COLUMBUS COUNTY | 72 | 52 | | | 127 | 73 | .70 | .56 | 42 |
| NORTH CAROLINA | 34 | 0940001 | F02 | CRAVEN COUNTY | 72 | 51 | | | 68 | 56 | .51 | .41 | 31 |
| NORTH CAROLINA | 34 | 1140001 | F01 | DUPLIN COUNTY | 72 | 50 | | | 112 | 97 | .55 | .44 | 33 |
| NORTH CAROLINA | 34 | 1620002 | F01 | GOLDSBORO | 72 | 52 | 1 | | 162 | 117 | 1.06 | .85 | 64 |
| NORTH CAROLINA | 34 | 2100001 | F01 | JACKSONVILLE | 72 | 50 | | | 88 | 75 | .75 | .60 | 45 |
| NORTH CAROLINA | 34 | 2100002 | F01 | JACKSONVILLE | 72 | 54 | 1 | | 158 | 85 | .63 | .50 | 38 |
| NORTH CAROLINA | 34 | 2220001 | F02 | KINSTON | 72 | 51 | | | 96 | 84 | .70 | .56 | 42 |
| NORTH CAROLINA | 34 | 2220002 | F02 | KINSTON | 72 | 10 | | | 56 | 55 | - | - | |
| NORTH CAROLINA | 34 | 2720001 | F02 | MOREHEAD CITY | 72 | 50 | 9 | 2 | 281 | 266 | 1.26 | 1.01 | 76 |
| NORTH CAROLINA | 34 | 2860001 | F01 | NEW BERN | 72 | 52 | 1 | | 174 | 86 | .75 | .60 | 45 |
| NORTH CAROLINA | 34 | 4185001 | F01 | WALLACE | 72 | 16 | | | 91 | 80 | - | | |
| NORTH CAROLINA | 34 | 4340001 | F01 | WHITEVILLE | 72 | 51 | | | 96 | 94 | .83 | .66 | 50 |
| NORTH CAROLINA | 34 | 4400002 | F01 | WILMINGTON | 72 | 52 | | | 125 | 102 | .78 | .62 | 47 |
| NORTH CAROLINA | 34 | 4400003 | F01 | WILMINGTON | 72 | 49 | | | 147 | 97 | .60 | .48 | 36 |
| NORTH CAROLINA | 34 | 4400004 | F02 | WILMINGTON | 72 | 52 | 2 | | 180 | 152 | .78 | .62 | 47 |
| 171 WESTERN MOUNTAIN (N.C.) | | | | | | ** PRIORITY 1 ** | | | | | | AS OF OCTOBER 06, 1973 | |
| NORTH CAROLINA | 34 | 0180002 | I01 | ASHEVILLE | 72 | 38 | | | 109 | 78 | - | - | |
| NORTH CAROLINA | 34 | 0180003 | I01 | ASHEVILLE | 72 | 132 | 2 | | 164 | 154 | - | - | |
| NORTH CAROLINA | 34 | 0180004 | I02 | ASHEVILLE | 72 | 38 | 17 | 1 | 279 | 258 | - | - | |
| NORTH CAROLINA | 34 | 0180005 | I01 | ASHEVILLE | 72 | 41 | | | 101 | 100 | - | - | |
| NORTH CAROLINA | 34 | 0420001 | F02 | BREVARD | 72 | 55 | | | 127 | 99 | .65 | .52 | 39 |
| NORTH CAROLINA | 34 | 0480018 | I02 | BUNCOMBE COUNTY | 72 | 37 | 25 | 17 | 1,674 | 846 | - | | |
| NORTH CAROLINA | 34 | 0480021 | I01 | BUNCOMBE COUNTY | 72 | 40 | | | 104 | 97 | - | - | |
| NORTH CAROLINA | 34 | 0480022 | I01 | BUNCOMBE COUNTY | 72 | 26 | | | 86 | 69 | - | - | |
| NORTH CAROLINA | 34 | 0480023 | I02 | BUNCOMBE COUNTY | 72 | 38 | 2 | | 197 | 185 | - | - | |
| NORTH CAROLINA | 34 | 0480024 | I01 | BUNCOMBE COUNTY | 72 | 9 | 1 | | 208 | 120 | - | - | |
| NORTH CAROLINA | 34 | 0580001 | I02 | CANTON | 72 | 38 | 21 | 9 | 1,386 | 593 | - | - | |
| NORTH CAROLINA | 34 | 0740001 | F02 | CHEROKEE COUNTY | 72 | 12 | | | 60 | 53 | - | - | |
| NORTH CAROLINA | 34 | 1860001 | I01 | HAYWOOD COUNTY | 72 | 37 | | | 141 | 96 | - | - | |
| NORTH CAROLINA | 34 | 1860002 | I02 | HAYWOOD COUNTY | 72 | 39 | 4 | 1 | 284 | 219 | - | - | |
| NORTH CAROLINA | 34 | 1860005 | I01 | HAYWOOD COUNTY | 72 | 38 | | | 126 | 101 | - | - | |
| NORTH CAROLINA | 34 | 1860006 | I02 | HAYWOOD COUNTY | 72 | 34 | | | 149 | 123 | - | - | |
| NORTH CAROLINA | 34 | 1860007 | I01 | HAYWOOD COUNTY | 72 | 30 | 2 | | 211 | 161 | - | - | |
| NORTH CAROLINA | 34 | 1920001 | F01 | HENDERSONVILLE | 72 | 18 | | | 127 | 110 | - | - | |
| NORTH CAROLINA | 34 | 1920002 | F01 | HENDERSONVILLE | 72 | 55 | 1 | | 156 | 144 | .83 | .66 | 50 |
| NORTH CAROLINA | 34 | 1920003 | F02 | HENDERSONVILLE | 72 | 55 | | | 137 | 134 | .78 | .62 | 47 |
| NORTH CAROLINA | 34 | 2080001 | F02 | JACKSON COUNTY | 72 | 73 | 20 | 3 | 359 | 288 | 2.00 | 1.60 | 120 |
| NORTH CAROLINA | 34 | 2080002 | F02 | JACKSON COUNTY | 72 | 76 | 23 | 4 | 388 | 359 | 1.86 | 1.49 | 112 |
| NORTH CAROLINA | 34 | 2080003 | F02 | JACKSON COUNTY | 72 | 74 | 12 | | 203 | 196 | 1.30 | 1.04 | 78 |
| NORTH CAROLINA | 34 | 2500001 | F01 | MACON COUNTY | 72 | 54 | 2 | | 158 | 155 | 1.00 | .80 | 60 |
| NORTH CAROLINA | 34 | 3980001 | F01 | SWAIN COUNTY | 72 | 42 | 2 | | 176 | 164 | - | - | |
| NORTH CAROLINA | 34 | 4300003 | I01 | WAYNESVILLE | 72 | 40 | 1 | | 159 | 140 | - | - | |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEEDING 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. | SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 172 NORTH DAKOTA (REMAINDER) | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | | |
| NORTH DAKOTA | 35 | 0100001 | A01 | BISMARCK | 72 | 30 | 4 | | 213 | 202 | 1.45 | 1.16 | | 87 |
| NORTH DAKOTA | 35 | 0100001 | F01 | BISMARCK | 72 | 58 | 1 | 1 | 406 | 132 | .99 | .78 | | 59 |
| NORTH DAKOTA | 35 | 0260001 | F01 | DEVILS LAKE | 72 | 29 | 1 | | 155 | 125 | .71 | .57 | | 43 |
| NORTH DAKOTA | 35 | 0300001 | F01 | DICKINSON | 72 | 28 | | | 105 | 100 | .70 | .56 | | 42 |
| NORTH DAKOTA | 35 | 0480001 | F01 | GRAND FORKS | 72 | 27 | | | 143 | 130 | | | | |
| NORTH DAKOTA | 35 | 0480002 | F01 | GRAND FORKS | 72 | 52 | 4 | 1 | 323 | 195 | .83 | .66 | | 50 |
| NORTH DAKOTA | 35 | 0580001 | F01 | JAMESTOWN | 72 | 22 | 3 | 3 | 377 | 373 | | | | |
| NORTH DAKOTA | 35 | 0740001 | F01 | MANDAN | 72 | 27 | | | 112 | 99 | .70 | .56 | | 42 |
| NORTH DAKOTA | 35 | 0780001 | F01 | MINOT | 72 | 30 | 3 | 2 | 420 | 394 | 1.00 | .80 | | 60 |
| NORTH DAKOTA | 35 | 1240001 | F01 | VALLEY CITY | 72 | 27 | 6 | | 174 | 165 | 1.46 | 1.17 | | 88 |
| NORTH DAKOTA | 35 | 1260001 | F01 | WAHPETON | 72 | 30 | 1 | 1 | 376 | 91 | .70 | .56 | | 42 |
| NORTH DAKOTA | 35 | 1300001 | F03 | WARD COUNTY | 72 | 52 | | | 63 | 59 | .31 | .25 | | 19 |
| NORTH DAKOTA | 35 | 1360001 | F01 | WILLISTON | 72 | 25 | | | 71 | 66 | .56 | .45 | | 34 |
| 173 DAYTON (OHIO) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | | |
| OHIO | 36 | 1100001 | G01 | CENTERVILLE | 72 | 56 | 1 | | 167 | 125 | 1.03 | .82 | | 62 |
| OHIO | 36 | 1660001 | A01 | DAYTON | 72 | 28 | 10 | | 218 | 194 | 1.90 | 1.52 | | 114 |
| OHIO | 36 | 1660015 | G01 | DAYTON | 72 | 55 | 7 | | 192 | 191 | 1.66 | 1.33 | | 100 |
| OHIO | 36 | 1660016 | G01 | DAYTON | 72 | 41 | 20 | | 254 | 248 | | | | |
| OHIO | 36 | 1660017 | G01 | DAYTON | 72 | 48 | 1 | | 184 | 132 | 1.28 | 1.02 | | 77 |
| OHIO | 36 | 1660019 | G01 | DAYTON | 72 | 47 | | | 149 | 147 | | | | |
| OHIO | 36 | 1660022 | G01 | DAYTON | 72 | 42 | 2 | | 176 | 151 | | | | |
| OHIO | 36 | 2040001 | G01 | FAIRBORN | 72 | 56 | | | 131 | 125 | 1.13 | .90 | | 68 |
| OHIO | 36 | 4280001 | G01 | MIAMISBURG | 72 | 56 | 2 | | 162 | 155 | 1.41 | 1.13 | | 85 |
| OHIO | 36 | 4550001 | G01 | MORAINE | 72 | 58 | 4 | | 159 | 159 | 1.35 | 1.08 | | 81 |
| OHIO | 36 | 5100001 | G01 | OAKWOOD | 72 | 59 | | | 146 | 116 | 1.10 | .88 | | 66 |
| OHIO | 36 | 5520003 | G01 | PIQUA | 72 | 60 | 5 | | 241 | 204 | 1.18 | .94 | | 71 |
| OHIO | 36 | 6380001 | G01 | SPRINGFIELD | 72 | 59 | | | 136 | 135 | 1.06 | .85 | | 64 |
| OHIO | 36 | 6380002 | G01 | SPRINGFIELD | 72 | 58 | 1 | | 176 | 125 | .89 | .70 | | 53 |
| OHIO | 36 | 6380003 | G01 | SPRINGFIELD | 72 | 49 | | | 149 | 113 | .88 | .70 | | 53 |
| OHIO | 36 | 6580001 | G01 | TIPP CITY | 72 | 30 | | | 117 | 110 | | | | |
| OHIO | 36 | 6680001 | G01 | TROY | 72 | 55 | | | 139 | 139 | .96 | .77 | | 58 |
| OHIO | 36 | 6880003 | G01 | VANDALIA | 72 | 54 | | | 139 | 125 | .85 | .68 | | 51 |
| OHIO | 36 | 7300001 | G01 | WEST MILTON | 72 | 56 | 1 | | 155 | 100 | .80 | .64 | | 48 |
| OHIO | 36 | 7670001 | G01 | WRIGHT PATTERSON A F B | 72 | 12 | | | 84 | 77 | | | | |
| OHIO | 36 | 7720001 | G01 | XENIA | 72 | 50 | | | 122 | 107 | .86 | .69 | | 52 |
| OHIO | 36 | 7740001 | G01 | YELLOW SPRINGS | 72 | 22 | | | 95 | 80 | | | | |
| 174 GREATER METROPOLITAN CLEVELAND (OHIO) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | | |
| OHIO | 36 | 0060001 | A01 | AKRON | 72 | 26 | 5 | | 220 | 185 | | | | |
| OHIO | 36 | 0060002 | H01 | AKRON | 72 | 60 | 1 | | 164 | 149 | 1.33 | 1.06 | | 80 |
| OHIO | 36 | 0060003 | H01 | AKRON | 72 | 55 | | | 149 | 147 | 1.26 | 1.01 | | 76 |
| OHIO | 36 | 0060004 | H01 | AKRON | 72 | 57 | 1 | | 186 | 147 | 1.31 | 1.05 | | 79 |
| OHIO | 36 | 0060005 | H01 | AKRON | 72 | 38 | 2 | | 177 | 157 | | | | |
| OHIO | 36 | 0060006 | H01 | AKRON | 72 | 57 | 12 | | 232 | 206 | 1.86 | 1.49 | | 112 |
| OHIO | 36 | 0060014 | H01 | AKRON | 72 | 19 | 1 | | 153 | 133 | | | | |
| OHIO | 36 | 0100001 | H02 | ALLIANCE | 72 | 55 | | | 147 | 134 | 1.40 | 1.12 | | 94 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | HIGHEST 24-HR VALUES UG/CU.M. 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | ANNUAL RATIOS TO STDS PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OHIO | 36 | 0360001 | H01 | BARBERTON | 72 | 60 | 1 | 156 | 150 | 1.40 | 1.12 | 84 |
| OHIO | 36 | 1000001 | A01 | CANTON | 72 | 27 | 4 | 180 | 167 | 1.71 | 1.37 | 103 |
| OHIO | 36 | 1000001 | H02 | CANTON | 72 | 45 | 3 | 161 | 152 | | | |
| OHIO | 36 | 1000002 | H01 | CANTON | 72 | 39 | | 137 | 136 | | | |
| OHIO | 36 | 1000003 | H02 | CANTON | 72 | 38 | 1 | 160 | 138 | | | |
| OHIO | 36 | 1000004 | H02 | CANTON | 72 | 39 | 2 | 156 | 154 | | | |
| OHIO | 36 | 1000005 | H02 | CANTON | 72 | 42 | 2 | 1 | 793 | 182 | | |
| OHIO | 36 | 1000006 | H02 | CANTON | 72 | 43 | 3 | 1 | 600 | 189 | | |
| OHIO | 36 | 1000008 | H01 | CANTON | 72 | 44 | | | 148 | 127 | | |
| OHIO | 36 | 1000014 | H02 | CANTON | 72 | 14 | 1 | | 194 | 144 | | |
| OHIO | 36 | 1300001 | A01 | CLEVELAND | 72 | 23 | 5 | | 186 | 183 | | |
| OHIO | 36 | 1300001 | H01 | CLEVELAND | 72 | 103 | 5 | | 181 | 174 | 1.35 | 1.09 | 81 |
| OHIO | 36 | 1300002 | H01 | CLEVELAND | 72 | 81 | 6 | 1 | 297 | 212 | 1.48 | 1.18 | 89 |
| OHIO | 36 | 1300003 | H01 | CLEVELAND | 72 | 85 | 5 | 1 | 287 | 172 | 1.41 | 1.13 | 85 |
| OHIO | 36 | 1300005 | H01 | CLEVELAND | 72 | 109 | 9 | | 248 | 194 | 1.53 | 1.22 | 92 |
| OHIO | 36 | 1300006 | H01 | CLEVELAND | 72 | 92 | 8 | 4 | 348 | 341 | 1.21 | .97 | 73 |
| OHIO | 36 | 1300007 | H01 | CLEVELAND | 72 | 77 | 6 | | 198 | 197 | 1.20 | .96 | 72 |
| OHIO | 36 | 1300008 | H01 | CLEVELAND | 72 | 98 | 75 | 27 | 9,811 | 528 | 3.35 | 2.68 | 201 |
| OHIO | 36 | 1300009 | H01 | CLEVELAND | 72 | 115 | 16 | 1 | 309 | 238 | 1.53 | 1.22 | 92 |
| OHIO | 36 | 1300010 | H01 | CLEVELAND | 72 | 109 | 8 | 1 | 412 | 252 | 1.21 | .97 | 73 |
| OHIO | 36 | 1300011 | H01 | CLEVELAND | 72 | 99 | 7 | | 177 | 176 | 1.30 | 1.04 | 78 |
| OHIO | 36 | 1300012 | H01 | CLEVELAND | 72 | 89 | 34 | 6 | 412 | 331 | 2.10 | 1.68 | 126 |
| OHIO | 36 | 1300013 | H01 | CLEVELAND | 72 | 93 | 51 | 21 | 407 | 353 | 2.80 | 2.24 | 168 |
| OHIO | 36 | 1300015 | H01 | CLEVELAND | 72 | 94 | 8 | 1 | 270 | 198 | 1.43 | 1.14 | 86 |
| OHIO | 36 | 1300017 | H01 | CLEVELAND | 72 | 99 | 29 | | 243 | 241 | 1.88 | 1.50 | 113 |
| OHIO | 36 | 1300020 | H01 | CLEVELAND | 72 | 58 | 4 | 1 | 271 | 183 | | | |
| OHIO | 36 | 1300021 | H01 | CLEVELAND | 72 | 71 | 5 | | 234 | 229 | 1.26 | 1.01 | 76 |
| OHIO | 36 | 1300024 | H01 | CLEVELAND | 72 | 30 | 1 | | 212 | 123 | | | |
| OHIO | 36 | 1300026 | H01 | CLEVELAND | 72 | 93 | 55 | 12 | 392 | 392 | 2.60 | 2.09 | 156 |
| OHIO | 36 | 1300027 | H01 | CLEVELAND | 72 | 62 | 19 | 3 | 279 | 276 | | | |
| OHIO | 36 | 1300028 | H01 | CLEVELAND | 72 | 66 | 4 | | 177 | 177 | 1.13 | .90 | 68 |
| OHIO | 36 | 1300029 | H01 | CLEVELAND | 72 | 85 | 38 | 13 | 403 | 387 | 2.21 | 1.77 | 133 |
| OHIO | 36 | 3200001 | H01 | KENT | 72 | 29 | | | 113 | 108 | | | |
| OHIO | 36 | 4040001 | H02 | MASSILLON | 72 | 61 | | | 134 | 131 | 1.21 | .97 | 73 |
| OHIO | 36 | 4140001 | H01 | MEDINA | 72 | 29 | | | 120 | 103 | | | |
| OHIO | 36 | 5680001 | H01 | RAVENNA | 72 | 29 | | | 114 | 110 | | | |
| OHIO | 36 | 6400001 | H03 | STARK COUNTY | 72 | 45 | | | 99 | 97 | | | |
| OHIO | 36 | 6400002 | H03 | STARK COUNTY | 72 | 40 | | | 143 | 135 | | | |
| OHIO | 36 | 6400003 | H03 | STARK COUNTY | 72 | 56 | | | 135 | 119 | .96 | .77 | 58 |
| OHIO | 36 | 6400004 | H03 | STARK COUNTY | 72 | 55 | 1 | | 170 | 135 | 1.01 | .81 | 61 |
| OHIO | 36 | 6400005 | H03 | STARK COUNTY | 72 | 56 | 2 | | 257 | 162 | 1.00 | .80 | 60 |
| OHIO | 36 | 6500001 | H03 | SUMMIT COUNTY | 72 | 58 | | | 118 | 114 | 1.05 | .84 | 63 |
| OHIO | 36 | 6500002 | H03 | SUMMIT COUNTY | 72 | 44 | | | 126 | 125 | | | |
| OHIO | 36 | 6540001 | H01 | TALLMADGE | 72 | 19 | 1 | | 158 | 126 | | | |
| OHIO | 36 | 6740001 | H01 | TWINSBURG | 72 | 25 | | | 129 | 120 | | | |
| OHIO | 36 | 6980001 | H01 | WADSWORTH | 72 | 21 | 2 | | 162 | 151 | | | |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 175 MANSFIELD-MARION (OHIO) | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| OHIO | 36 | 3840001 | F01 | MANSFIELD | 72 | 61 | 21 | 1 | 288 | 246 | 1.90 | 1.52 | 114 |
| OHIO | 36 | 7160001 | H03 | WAYNE COUNTY | 72 | 60 | | | 133 | 108 | .90 | .72 | 54 |
| 176 METROPOLITAN COLUMBUS (OHIO) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| OHIO | 36 | 1460001 | A01 | COLUMBUS | 72 | 30 | | | 135 | 129 | 1.30 | 1.04 | 78 |
| OHIO | 36 | 1460001 | H01 | COLUMBUS | 72 | 59 | 1 | | 152 | 143 | 1.33 | 1.06 | 80 |
| 178 NORTHWEST PENNSYLVANIA-YOUNGSTOWN (OHIO-PENN) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| OHIO | 36 | 7760001 | A01 | YOUNGSTOWN | 72 | 30 | 6 | 1 | 268 | 204 | 1.83 | 1.46 | 110 |
| PENNSYLVANIA | 39 | 1760001 | A03 | CLARION COUNTY | 72 | 30 | | | 89 | 79 | .60 | .48 | 36 |
| PENNSYLVANIA | 39 | 3060002 | A01 | ERIE | 72 | 27 | 5 | | 234 | 228 | 1.61 | 1.29 | 97 |
| PENNSYLVANIA | 39 | 3060601 | F01 | ERIE | 72 | 38 | | | 115 | 115 | .98 | .78 | 59 |
| PENNSYLVANIA | 39 | 3060602 | F01 | ERIE | 72 | 50 | 11 | | 249 | 231 | 1.73 | 1.38 | 104 |
| PENNSYLVANIA | 39 | 3060603 | F01 | ERIE | 72 | 50 | 6 | | 197 | 188 | 1.50 | 1.20 | 90 |
| PENNSYLVANIA | 39 | 3060604 | F02 | ERIE | 72 | 52 | 11 | 1 | 432 | 258 | 1.63 | 1.30 | 98 |
| PENNSYLVANIA | 39 | 3080605 | F03 | ERIE COUNTY | 72 | 55 | | | 135 | 124 | .95 | .76 | 57 |
| PENNSYLVANIA | 39 | 4840502 | F02 | LAWRENCE COUNTY | 72 | 58 | 46 | 25 | 799 | 775 | 3.96 | 3.17 | 238 |
| PENNSYLVANIA | 39 | 6440501 | F01 | NEW CASTLE | 72 | 55 | 32 | 2 | 412 | 294 | 2.55 | 2.04 | 153 |
| 179 PARKERSBURG-MARIETTA (OHIO-W.VA.) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| WEST VIRGINIA | 50 | 1420003 | F01 | PARKERSBURG | 72 | 46 | 2 | | 160 | 154 | 1.21 | .97 | 73 |
| WEST VIRGINIA | 50 | 1920001 | F02 | VIENNA | 72 | 46 | | | 128 | 116 | .91 | .73 | 55 |
| 181 STEUBENVILLE-WEIRTON-WHEELING (OHIO-W.VA) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| OHIO | 36 | 6420001 | A01 | STEUBENVILLE | 72 | 22 | 17 | 12 | 821 | 528 | * | * | |
| WEST VIRGINIA | 50 | 0080001 | F01 | BENWOOD | 72 | 36 | 9 | | 205 | 201 | 1.90 | 1.52 | 114 |
| WEST VIRGINIA | 50 | 0500004 | F02 | FOLLANSBEE | 72 | 36 | 16 | 2 | 279 | 275 | 2.18 | 1.74 | 131 |
| WEST VIRGINIA | 50 | 0620003 | F02 | HANCOCK COUNTY | 72 | 38 | 5 | | 219 | 217 | 1.50 | 1.20 | 90 |
| WEST VIRGINIA | 50 | 0620004 | F02 | HANCOCK COUNTY | 72 | 10 | | | 99 | 70 | * | * | |
| WEST VIRGINIA | 50 | 0620005 | F02 | HANCOCK COUNTY | 72 | 26 | 6 | 1 | 271 | 215 | * | * | |
| WEST VIRGINIA | 50 | 1240001 | F02 | MOUNDSVILLE | 72 | 27 | 4 | | 198 | 193 | * | * | |
| WEST VIRGINIA | 50 | 2000002 | F02 | WEIRTON | 72 | 38 | 18 | 4 | 307 | 295 | 2.30 | 1.84 | 138 |
| WEST VIRGINIA | 50 | 2040002 | F01 | WELLSBURG | 72 | 31 | 11 | 1 | 280 | 252 | * | | |
| WEST VIRGINIA | 50 | 2120001 | H01 | WHEELING | 72 | 25 | 5 | | 167 | 161 | * | * | |
| 184 CENTRAL OKLAHOMA | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| OKLAHOMA | 37 | 0260014 | F01 | BETHANY | 72 | 81 | 2 | | 201 | 189 | * | * | |
| OKLAHOMA | 37 | 0440080 | F01 | CHANDLER | 72 | 54 | | | 140 | 120 | .88 | .70 | 53 |
| OKLAHOMA | 37 | 0500060 | F01 | CHICKASHA | 72 | 49 | 2 | | 249 | 179 | * | * | |
| OKLAHOMA | 37 | 0940016 | F01 | EDMOND | 72 | 66 | 1 | | 161 | 146 | * | * | |
| OKLAHOMA | 37 | 1000100 | F01 | EL RENO | 72 | 52 | 1 | | 166 | 138 | .58 | .46 | 35 |
| OKLAHOMA | 37 | 1100063 | F01 | GRADY COUNTY | 72 | 66 | | | 141 | 122 | .61 | .49 | 37 |
| OKLAHOMA | 37 | 1160090 | F01 | GUTHRIE | 72 | 74 | 1 | | 235 | 134 | .95 | .76 | 57 |
| OKLAHOMA | 37 | 1520030 | F01 | KINGFISHER | 72 | 55 | 3 | | 207 | 165 | * | * | |
| OKLAHOMA | 37 | 1520032 | F01 | KINGFISHER | 72 | 22 | | | 122 | 111 | * | * | |
| OKLAHOMA | 37 | 1940006 | F01 | MIDWEST CITY | 72 | 62 | 1 | | 218 | 148 | * | * | |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OKLAHOMA | 37 | 1940010 | F01 | MIDWEST CITY | 72 | 64 | 2 | | | 215 | 151 | | | |
| OKLAHOMA | 37 | 1950044 | F01 | MOORE | 72 | 56 | | | | 130 | 118 | .86 | .69 | 52 |
| OKLAHOMA | 37 | 2080040 | F01 | NORMAN | 72 | 107 | | | | 105 | 94 | .63 | .50 | 38 |
| OKLAHOMA | 37 | 2180005 | F01 | OKLAHOMA COUNTY | 72 | 53 | | | | 109 | 80 | | | |
| OKLAHOMA | 37 | 2200001 | F01 | OKLAHOMA CITY | 72 | 49 | 4 | | | 248 | 211 | | | |
| OKLAHOMA | 37 | 2200002 | F01 | OKLAHOMA CITY | 72 | 46 | | | | 145 | 139 | | | |
| OKLAHOMA | 37 | 2200012 | F01 | OKLAHOMA CITY | 72 | 65 | 12 | | 1 | 493 | 247 | | | |
| OKLAHOMA | 37 | 2200015 | F01 | OKLAHOMA CITY | 72 | 74 | 3 | | | 199 | 191 | | | |
| OKLAHOMA | 37 | 2200017 | F01 | OKLAHOMA CITY | 72 | 69 | 12 | | 2 | 337 | 274 | | | |
| OKLAHOMA | 37 | 2200018 | F01 | OKLAHOMA CITY | 72 | 58 | 10 | | | 250 | 214 | | | |
| OKLAHOMA | 37 | 2200019 | F01 | OKLAHOMA CITY | 72 | 71 | 3 | | | 179 | 173 | | | |
| OKLAHOMA | 37 | 2200020 | F01 | OKLAHOMA CITY | 72 | 71 | 1 | | | 218 | 149 | | | |
| OKLAHOMA | 37 | 2200021 | F01 | OKLAHOMA CITY | 72 | 76 | 3 | | 1 | 343 | 189 | | | |
| OKLAHOMA | 37 | 2200022 | F01 | OKLAHOMA CITY | 72 | 44 | 27 | | 6 | 487 | 329 | | | |
| OKLAHOMA | 37 | 2200029 | A01 | OKLAHOMA CITY | 72 | 28 | 1 | | | 194 | 147 | 1.11 | .89 | 67 |
| OKLAHOMA | 37 | 2560072 | F01 | PURCELL | 72 | 52 | | | | 125 | 120 | | | |
| OKLAHOMA | 37 | 2780052 | F01 | SHAWNEE | 72 | 71 | | | | 110 | 96 | .68 | .54 | 41 |
| OKLAHOMA | 37 | 3320013 | F01 | YUKON | 72 | 9 | | | | 122 | 90 | | | |
| 185 NORTH CENTRAL OKLAHOMA | | | | | ** PRIORITY 3 ** | | | | | | | AS OF OCTOBER 06, 1973 | | |
| OKLAHOMA | 37 | 0280598 | F01 | BLACKWELL | 72 | 15 | | | | 135 | 121 | | | |
| OKLAHOMA | 37 | 0280599 | F01 | BLACKWELL | 72 | 5 | | | | 102 | 89 | | | |
| OKLAHOMA | 37 | 1020550 | F01 | ENID | 72 | 44 | 2 | | | 203 | 163 | .91 | .73 | 55 |
| OKLAHOMA | 37 | 2840610 | F01 | STILLWATER | 72 | 49 | | | | 143 | 104 | | | |
| 186 NORTHEASTERN OKLAHOMA | | | | | ** PRIORITY 1 ** | | | | | | | AS OF OCTOBER 06, 1973 | | |
| OKLAHOMA | 37 | 0200215 | F01 | BARTLESVILLE | 72 | 46 | 1 | | | 178 | 140 | | | |
| OKLAHOMA | 37 | 0560190 | F01 | CLAREMORE | 72 | 80 | 2 | | 1 | 313 | 152 | 1.16 | .93 | 70 |
| OKLAHOMA | 37 | 0800500 | F01 | DELAWARE COUNTY | 72 | 84 | 5 | | 1 | 271 | 259 | 1.11 | .89 | 67 |
| OKLAHOMA | 37 | 0840219 | F01 | DEWEY | 72 | 31 | | | | 73 | 64 | | | |
| OKLAHOMA | 37 | 1920524 | F01 | MIAMI | 72 | 85 | 1 | | | 243 | 109 | .90 | .72 | 54 |
| OKLAHOMA | 37 | 1980162 | F01 | MUSKOGEE | 72 | 101 | | | | 110 | 107 | .93 | .66 | 50 |
| OKLAHOMA | 37 | 1980163 | F01 | MUSKOGEE | 72 | 91 | 1 | | | 177 | 144 | .98 | .78 | 59 |
| OKLAHOMA | 37 | 2220150 | F01 | OKMULGEE | 72 | 19 | | | | 104 | 90 | | | |
| OKLAHOMA | 37 | 2220151 | F01 | OKMULGEE | 72 | 76 | 1 | | | 175 | 117 | | | |
| OKLAHOMA | 37 | 2260229 | F01 | OSAGE COUNTY | 72 | 16 | 1 | | | 198 | 107 | | | |
| OKLAHOMA | 37 | 2280525 | F01 | OTTAWA COUNTY | 72 | 19 | | | | 93 | 89 | | | |
| OKLAHOMA | 37 | 2320220 | F01 | PAWHUSKA | 72 | 68 | 3 | | 2 | 373 | 353 | .88 | .70 | 53 |
| OKLAHOMA | 37 | 2540180 | F01 | PRYOR | 72 | 110 | 2 | | | 209 | 176 | 1.13 | .90 | 68 |
| OKLAHOMA | 37 | 2540181 | F01 | PRYOR | 72 | 100 | 4 | | | 199 | 184 | 1.06 | .85 | 64 |
| OKLAHOMA | 37 | 2620194 | F01 | ROGERS COUNTY | 72 | 94 | | | | 89 | 74 | .53 | .42 | 32 |
| OKLAHOMA | 37 | 2680142 | F01 | SAPULPA | 72 | 23 | | | | 95 | 95 | | | |
| OKLAHOMA | 37 | 3000001 | A01 | TULSA | 72 | 25 | | | | 90 | 88 | | | |
| OKLAHOMA | 37 | 3000110 | F01 | TULSA | 72 | 78 | 2 | | | 170 | 158 | 1.11 | .89 | 67 |
| OKLAHOMA | 37 | 3000111 | F01 | TULSA | 72 | 96 | 42 | | 5 | 780 | 307 | | | |
| OKLAHOMA | 37 | 3000112 | F01 | TULSA | 72 | 111 | 3 | | | 212 | 174 | 1.18 | .94 | 71 |
| OKLAHOMA | 37 | 3000116 | F01 | TULSA | 72 | 96 | 10 | | 1 | 378 | 258 | | | |
| OKLAHOMA | 37 | 3000120 | F01 | TULSA | 72 | 117 | 7 | | | 260 | 254 | 1.38 | 1.10 | 83 |
| OKLAHOMA | 37 | 3000125 | F01 | TULSA | 72 | 95 | 2 | | | 250 | 200 | .95 | .76 | 57 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEEDING 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OKLAHOMA | 37 | 3020133 | F01 TULSA COUNTY | 72 | 75 | 1 | | 154 | 126 | | | |
| OKLAHOMA | 37 | 3040510 | F01 VINITA | 72 | 75 | 1 | | 154 | 138 | | | |
| 187 NORTHWESTERN OKLAHOMA | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 06, 1973 | | | |
| OKLAHOMA | 37 | 0100870 | F01 ALVA | 72 | 22 | 2 | | 254 | 173 | | | |
| OKLAHOMA | 37 | 0620850 | F01 CLINTON | 72 | 26 | | | 135 | 102 | | | |
| OKLAHOMA | 37 | 1180920 | F01 GUYMON | 72 | 47 | 3 | | 257 | 188 | | | |
| OKLAHOMA | 37 | 3200855 | F01 WEATHERFORD | 72 | 9 | | | 116 | 90 | | | |
| OKLAHOMA | 37 | 3260800 | F01 WOODWARD | 72 | 50 | 5 | 1 | 329 | 212 | .93 | .78 | 59 |
| 188 SOUTHEASTERN OKLAHOMA | | | | | ** PRIORITY 3 | | | | AS OF OCTOBER 06, 1973 | | | |
| OKLAHOMA | 37 | 0020243 | F01 ADA | 72 | 21 | 1 | | 158 | 123 | | | |
| OKLAHOMA | 37 | 0140292 | F01 ARDMORE | 72 | 22 | | | 143 | 119 | | | |
| OKLAHOMA | 37 | 0160371 | F01 ATOKA | 72 | 10 | | | 84 | 82 | | | |
| OKLAHOMA | 37 | 0920381 | F01 DURANT | 72 | 60 | 1 | | 154 | 145 | 1.13 | .94 | 65 |
| OKLAHOMA | 37 | 1400390 | F01 HUGO | 72 | 19 | | | 127 | 109 | | | |
| OKLAHOMA | 37 | 1720410 | F01 MCALESTER | 72 | 63 | | | 112 | 99 | .93 | .74 | 56 |
| OKLAHOMA | 37 | 1780420 | F01 MCINTOSH COUNTY | 72 | 51 | 1 | | 166 | 69 | .55 | .44 | 33 |
| OKLAHOMA | 37 | 2300277 | F01 PAULS VALLEY | 72 | 31 | | | 135 | 103 | | | |
| OKLAHOMA | 37 | 2420414 | F01 PITTSBURG COUNTY | 72 | 44 | | | 139 | 101 | | | |
| OKLAHOMA | 37 | 2720330 | F01 SEMINOLE | 72 | 7 | 1 | | 223 | 72 | | | |
| OKLAHOMA | 37 | 2860280 | F01 SULPHUR | 72 | 32 | | | 118 | 114 | | | |
| 189 SOUTHWESTERN OKLAHOMA | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 06, 1973 | | | |
| OKLAHOMA | 37 | 0080751 | F01 ALTUS | 72 | 6 | | | 80 | 60 | | | |
| OKLAHOMA | 37 | 0120690 | F01 ANADARKO | 72 | 38 | 1 | | 158 | 91 | | | |
| OKLAHOMA | 37 | 0120691 | F01 ANADARKO | 72 | 7 | | | 68 | 64 | | | |
| OKLAHOMA | 37 | 0900661 | F01 DUNCAN | 72 | 44 | 3 | 2 | 363 | 281 | | | |
| OKLAHOMA | 37 | 1040700 | F01 FREDERICK | 72 | 39 | 3 | | 199 | 170 | 1.08 | .86 | 65 |
| OKLAHOMA | 37 | 1300710 | F01 HOBART | 72 | 44 | 2 | 1 | 443 | 215 | | | |
| OKLAHOMA | 37 | 1340766 | F01 HOLLIS | 72 | 45 | 5 | 4 | 403 | 401 | 1.58 | 1.26 | 95 |
| OKLAHOMA | 37 | 1600640 | F01 LAWTON | 72 | 71 | 5 | 1 | 356 | 204 | 1.25 | 1.00 | 75 |
| OKLAHOMA | 37 | 1600646 | F01 LAWTON | 72 | 50 | 1 | | 252 | 138 | 1.11 | .89 | 67 |
| OKLAHOMA | 37 | 1600650 | F01 LAWTON | 72 | 57 | | | 117 | 78 | .53 | .42 | 32 |
| OKLAHOMA | 37 | 1840740 | F01 MANGUM | 72 | 23 | 3 | 2 | 317 | 317 | | | |
| OKLAHOMA | 37 | 2700732 | F01 SAYRE | 72 | 20 | 4 | 1 | 274 | 206 | | | |
| 190 CENTRAL OREGON | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 06, 1973 | | | |
| OREGON | 38 | 0180001 | F01 BEND | 72 | 41 | 1 | | 192 | 137 | | | |
| OREGON | 38 | 0480001 | F01 THE DALLES | 72 | 45 | 2 | | 168 | 163 | | | |
| OREGON | 38 | 0940001 | F01 KLAMATH FALLS | 72 | 46 | 2 | | 241 | 168 | | | |
| OREGON | 38 | 0940002 | F03 KLAMATH FALLS | 72 | 45 | | | 89 | 80 | | | |
| 191 EASTERN OREGON | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 06, 1973 | | | |
| OREGON | 38 | 0100001 | F01 BAKER | 72 | 31 | | | 134 | 117 | | | |
| OREGON | 38 | 1420001 | F01 PENDLETON | 72 | 32 | 2 | 1 | 307 | 209 | | | |
| OREGON | 38 | 1780001 | F03 UMATILLA COUNTY | 72 | 35 | 1 | 1 | 405 | 109 | | | |

# Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEDING 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 192 NORTHWEST OREGON | | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| OREGON | 38 | 0080001 | F01 | ASTORIA | 72 | 43 | | | 104 | 102 | | | |
| 193 PORTLAND (ORE-WASH) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| OREGON | 38 | 0020002 | I01 | ALBANY | 72 | 44 | | | 106 | 92 | | | |
| OREGON | 38 | 0160002 | I01 | BEAVERTON | 72 | 46 | | | 93 | 81 | | | |
| OREGON | 38 | 0260002 | I01 | CLACKAMAS COUNTY | 72 | 22 | | | 134 | 114 | | | |
| OREGON | 38 | 0260003 | I01 | CLACKAMAS COUNTY | 72 | 31 | | | 139 | 109 | | | |
| OREGON | 38 | 0300005 | I02 | COLUMBIA COUNTY | 72 | 40 | | | 120 | 97 | | | |
| OREGON | 38 | 0380001 | I01 | CORVALLIS | 72 | 44 | | | 93 | 77 | | | |
| OREGON | 38 | 0400001 | I01 | COTTAGE GROVE | 72 | 46 | | | 109 | 89 | | | |
| OREGON | 38 | 0460002 | I01 | DALLAS | 72 | 41 | | | 98 | 73 | | | |
| OREGON | 38 | 0560003 | I01 | EUGENE | 72 | 46 | 14 | 3 | 317 | 279 | | | |
| OREGON | 38 | 0560004 | I03 | EUGENE | 72 | 70 | | | 134 | 121 | | | |
| OREGON | 38 | 0560006 | I01 | EUGENE | 72 | 83 | 4 | | 214 | 191 | | | |
| OREGON | 38 | 0780002 | I03 | HILLSBORO | 72 | 43 | 1 | | 209 | 138 | | | |
| OREGON | 38 | 0990001 | I01 | LAKE OSWEGO | 72 | 34 | 5 | | 229 | 193 | | | |
| OREGON | 38 | 1020003 | I01 | LANE COUNTY | 72 | 44 | 2 | | 184 | 183 | | | |
| OREGON | 38 | 1040001 | I01 | LEBANON | 72 | 37 | 2 | | 187 | 152 | | | |
| OREGON | 38 | 1100002 | I01 | MCMINNVILLE | 72 | 40 | | | 64 | 55 | | | |
| OREGON | 38 | 1200001 | I01 | MILWAUKIE | 72 | 39 | | | 105 | 95 | | | |
| OREGON | 38 | 1240002 | I03 | MULTNOMAH COUTNY | 72 | 45 | | | 75 | 73 | | | |
| OREGON | 38 | 1350001 | I01 | OAKRIDGE | 72 | 45 | 4 | 1 | 283 | 205 | | | |
| OREGON | 38 | 1380002 | I02 | OREGON CITY | 72 | 44 | 1 | | 155 | 110 | | | |
| OREGON | 38 | 1460001 | A01 | PORTLAND | 72 | 29 | 4 | | 255 | 215 | 1.43 | 1.14 | 86 |
| OREGON | 38 | 1460003 | I01 | PORTLAND | 72 | 46 | | | 121 | 120 | | | |
| OREGON | 38 | 1460011 | I02 | PORTLAND | 72 | 45 | 3 | | 174 | 159 | | | |
| OREGON | 38 | 1460015 | I02 | PORTLAND | 72 | 45 | 4 | | 187 | 161 | | | |
| OREGON | 38 | 1460022 | I01 | PORTLAND | 72 | 30 | | | 77 | 72 | | | |
| OREGON | 38 | 1460023 | I02 | PORTLAND | 72 | 46 | 2 | | 179 | 156 | | | |
| OREGON | 38 | 1460027 | I02 | PORTLAND | 72 | 44 | | | 146 | 114 | | | |
| OREGON | 38 | 1460036 | I02 | PORTLAND | 72 | 46 | | | 133 | 129 | | | |
| OREGON | 38 | 1460068 | I02 | PORTLAND | 72 | 46 | | | 126 | 106 | | | |
| OREGON | 38 | 1560003 | I02 | ST. HELENS | 72 | 25 | | | 77 | 72 | | | |
| OREGON | 38 | 1580004 | I01 | SALEM | 72 | 20 | | | 96 | 95 | | | |
| OREGON | 38 | 1680008 | I02 | SPRINGFIELD | 72 | 44 | 11 | | 238 | 222 | | | |
| OREGON | 38 | 1680009 | I01 | SPRINGFIELD | 72 | 49 | 11 | | 242 | 218 | | | |
| OREGON | 38 | 1920004 | I01 | WOODBURN | 72 | 42 | | | 90 | 86 | | | |
| WASHINGTON | 49 | 0260001 | I01 | CENTRALIA | 72 | 67 | | | 89 | 77 | | | |
| WASHINGTON | 49 | 0920001 | I01 | KELSO | 72 | 91 | | | 92 | 90 | .60 | .48 | 36 |
| WASHINGTON | 49 | 1140002 | I01 | LONGVIEW | 72 | 92 | 2 | | 200 | 186 | 1.01 | .81 | 61 |
| WASHINGTON | 49 | 1140004 | F01 | LONGVIEW | 72 | 91 | 5 | | 246 | 222 | 1.11 | .89 | 67 |
| WASHINGTON | 49 | 1780001 | F01 | RICHLAND | 72 | 94 | 4 | 1 | 405 | 220 | .75 | .60 | 45 |
| WASHINGTON | 49 | 2220002 | I01 | VANCOUVER | 72 | 89 | 1 | | 164 | 145 | 1.06 | .85 | 64 |
| WASHINGTON | 49 | 2220006 | I01 | VANCOUVER | 72 | 61 | | | 116 | 109 | | | |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 194 SOUTHWEST OREGON | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| OREGON | 38 | 0060001 | F01 | ASHLAND | 72 | 44 | | | 98 | 90 | | | |
| OREGON | 38 | 0340001 | F01 | COOS BAY | 72 | 41 | | | 101 | 89 | | | |
| OREGON | 38 | 0440001 | A03 | CURRY COUNTY | 72 | 22 | 1 | | 175 | 104 | .66 | .53 | 40 |
| OREGON | 38 | 0680001 | F01 | GRANTS PASS | 72 | 38 | | | 141 | 132 | " | " | |
| OREGON | 38 | 1160001 | F01 | MEDFORD | 72 | 45 | 4 | | 207 | 187 | " | " | |
| OREGON | 38 | 1540001 | F01 | ROSEBURG | 72 | 44 | 1 | | 162 | 148 | | | |
| 195 CENTRAL PENNSYLVANIA | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| PENNSYLVANIA | 39 | 0140001 | A01 | ALTOONA | 72 | 31 | 7 | | 191 | 188 | 1.73 | 1.38 | 104 |
| PENNSYLVANIA | 39 | 0780002 | A01 | BETHLEHEM | 72 | 28 | 1 | | 151 | 130 | 1.23 | .98 | 74 |
| PENNSYLVANIA | 39 | 2220806 | F01 | DALE | 72 | 59 | 7 | | 197 | 189 | 1.50 | 1.20 | 90 |
| PENNSYLVANIA | 39 | 2620804 | F01 | EAST CONEMAUGH | 72 | 59 | 27 | 3 | 320 | 275 | 2.36 | 1.89 | 142 |
| PENNSYLVANIA | 39 | 4460802 | F02 | JOHNSTOWN | 72 | 61 | 4 | | 225 | 200 | 1.40 | 1.12 | 84 |
| PENNSYLVANIA | 39 | 4460803 | F01 | JOHNSTOWN | 72 | 60 | 7 | 1 | 462 | 182 | 1.71 | 1.37 | 103 |
| PENNSYLVANIA | 39 | 4460805 | F01 | JOHNSTOWN | 72 | 58 | 1 | | 155 | 132 | 1.08 | .86 | 65 |
| PENNSYLVANIA | 39 | 9320801 | F03 | WESTMONT | 72 | 55 | | | 129 | 88 | .63 | .50 | 38 |
| 196 SOUTH CENTRAL PENNSYLVANIA | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| PENNSYLVANIA | 39 | 2180307 | F03 | CUMBERLAND COUNTY | 72 | 51 | | | 106 | 103 | .80 | .64 | 48 |
| PENNSYLVANIA | 39 | 2340302 | F01 | DAUPHIN COUNTY | 72 | 59 | 1 | 1 | 420 | 139 | .98 | .78 | 59 |
| PENNSYLVANIA | 39 | 3880001 | A01 | HARRISBURG | 72 | 28 | | | 142 | 129 | 1.28 | 1.02 | 77 |
| PENNSYLVANIA | 39 | 3880305 | F01 | HARRISBURG | 72 | 28 | | | 132 | 115 | " | " | |
| PENNSYLVANIA | 39 | 3880306 | F01 | HARRISBURG | 72 | 56 | 2 | | 170 | 166 | 1.28 | 1.02 | 77 |
| PENNSYLVANIA | 39 | 4660002 | A01 | LANCASTER | 72 | 24 | 1 | | 161 | 136 | " | " | |
| PENNSYLVANIA | 39 | 4660312 | F01 | LANCASTER | 72 | 53 | 2 | 1 | 271 | 163 | 1.33 | 1.06 | 80 |
| PENNSYLVANIA | 39 | 4660314 | F02 | LANCASTER | 72 | 53 | 3 | 1 | 380 | 216 | 1.45 | 1.16 | 87 |
| PENNSYLVANIA | 39 | 4660315 | F01 | LANCASTER | 72 | 54 | 11 | 3 | 478 | 370 | 1.80 | 1.44 | 108 |
| PENNSYLVANIA | 39 | 4700311 | F01 | LANCASTER COUNTY | 72 | 50 | 2 | | 166 | 163 | .95 | .76 | 57 |
| PENNSYLVANIA | 39 | 4700313 | F01 | LANCASTER COUNTY | 72 | 55 | 5 | 2 | 472 | 271 | 1.38 | 1.10 | 83 |
| PENNSYLVANIA | 39 | 4700316 | F01 | LANCASTER COUNTY | 72 | 52 | 1 | | 158 | 111 | .96 | .77 | 58 |
| PENNSYLVANIA | 39 | 4700317 | F01 | LANCASTER COUNTY | 72 | 49 | 2 | | 154 | 153 | 1.05 | .84 | 63 |
| PENNSYLVANIA | 39 | 4980304 | F01 | LEMOYNE | 72 | 58 | | | 146 | 136 | 1.23 | .98 | 74 |
| PENNSYLVANIA | 39 | 5700301 | F02 | MIDDLETOWN | 72 | 48 | 2 | 1 | 553 | 170 | 1.45 | 1.16 | 87 |
| PENNSYLVANIA | 39 | 8640303 | F02 | STEELTON | 72 | 52 | 9 | 1 | 262 | 216 | 1.60 | 1.28 | 96 |
| PENNSYLVANIA | 39 | 9400321 | F01 | WEST YORK | 72 | 60 | 10 | | 211 | 203 | 1.41 | 1.13 | 85 |
| PENNSYLVANIA | 39 | 9400325 | F02 | WEST YORK | 72 | 57 | 21 | 10 | 439 | 436 | 2.26 | 1.81 | 136 |
| PENNSYLVANIA | 39 | 9560001 | A01 | YORK | 72 | 30 | 1 | | 154 | 144 | 1.41 | 1.13 | 85 |
| PENNSYLVANIA | 39 | 9570323 | F01 | YORK COUNTY | 72 | 58 | 3 | | 156 | 155 | 1.11 | .89 | 67 |
| PENNSYLVANIA | 39 | 9570324 | F03 | YORK COUNTY | 72 | 59 | 1 | 1 | 343 | 120 | .88 | .70 | 53 |
| PENNSYLVANIA | 39 | 9570326 | F01 | YORK COUNTY | 72 | 57 | 2 | 1 | 433 | 256 | 1.20 | .96 | 72 |
| 197 SOUTHWEST PENNSYLVANIA | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| PENNSYLVANIA | 39 | 0180507 | F01 | AMBRIDGE | 72 | 59 | 10 | | 206 | 182 | 1.73 | 1.38 | 104 |
| PENNSYLVANIA | 39 | 0440508 | F01 | BADEN | 72 | 58 | 28 | 5 | 393 | 358 | 2.43 | 1.94 | 146 |
| PENNSYLVANIA | 39 | 0560503 | F01 | BEAVER COUNTY | 72 | 50 | 9 | 4 | 567 | 426 | 1.86 | 1.49 | 112 |
| PENNSYLVANIA | 39 | 0560505 | F01 | BEAVER COUNTY | 72 | 55 | 8 | | 222 | 209 | 1.61 | 1.29 | 97 |

# Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PENNSYLVANIA | 39 | 0560510 | F03 BEAVER COUNTY | 72 | 52 | 2 | | 172 | 152 | 1.31 | 1.05 | 79 |
| PENNSYLVANIA | 39 | 0580504 | F01 BEAVER FALLS | 72 | 58 | 2 | | 166 | 160 | 1.36 | 1.09 | 82 |
| PENNSYLVANIA | 39 | 4240001 | A05 INDIANA COUNTY | 72 | 10 | | | 73 | 64 | | | |
| PENNSYLVANIA | 39 | 4240002 | A05 INDIANA COUNTY | 72 | 26 | | | 114 | 97 | .71 | .57 | 43 |
| PENNSYLVANIA | 39 | 5740509 | F02 MIDLAND | 72 | 60 | 42 | 17 | 484 | 418 | 3.18 | 2.54 | 191 |
| PENNSYLVANIA | 39 | 7260001 | A01 PITTSBURGH | 72 | 28 | 13 | | 259 | 235 | 2.25 | 1.80 | 135 |
| PENNSYLVANIA | 39 | 7800506 | F01 ROCHESTER | 72 | 60 | 11 | 1 | 549 | 214 | 1.75 | 1.40 | 105 |
| PENNSYLVANIA | 39 | 9200511 | F02 WASHINGTON COUNTY | 72 | 59 | 35 | 14 | 677 | 657 | 2.91 | 2.33 | 175 |
| PENNSYLVANIA | 39 | 9200514 | F01 WASHINGTON COUNTY | 72 | 60 | 2 | | 181 | 158 | 1.16 | .93 | 70 |
| PENNSYLVANIA | 39 | 9200515 | F01 WASHINGTON COUNTY | 72 | 58 | 8 | | 253 | 185 | 1.51 | 1.21 | 91 |
| PENNSYLVANIA | 39 | 9330516 | F01 WESTMORELAND COUNTY | 72 | 48 | 5 | 1 | 309 | 216 | 1.35 | 1.08 | 81 |
| 198 CAMDEN-SUMPTER (S.C.) | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| SOUTH CAROLINA | 42 | 0440001 | F01 BISHOPVILLE | 72 | 42 | 1 | | 176 | 129 | | | |
| SOUTH CAROLINA | 42 | 0500001 | F01 CAMDEN | 72 | 60 | | | 112 | 112 | .88 | .70 | 53 |
| SOUTH CAROLINA | 42 | 2120001 | F01 SUMTER | 72 | 54 | 1 | | 157 | 103 | .85 | .68 | 51 |
| SOUTH CAROLINA | 42 | 2120002 | F01 SUMTER | 72 | 54 | 1 | 1 | 471 | 120 | .83 | .66 | 50 |
| 199 CHARLESTON (S.C.) | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| SOUTH CAROLINA | 42 | 0420001 | F01 BERKLEY COUNTY | 72 | 11 | | | 52 | 44 | | | |
| SOUTH CAROLINA | 42 | 0540002 | G01 CHARLESTON | 72 | 53 | | | 145 | 122 | .78 | .62 | 47 |
| SOUTH CAROLINA | 42 | 0560001 | G01 CHARLESTON COUNTY | 72 | 84 | 33 | 8 | 610 | 393 | 2.28 | 1.82 | 137 |
| SOUTH CAROLINA | 42 | 0560001 | G05 CHARLESTON COUNTY | 72 | 41 | 18 | 9 | 702 | 627 | | | |
| SOUTH CAROLINA | 42 | 0560002 | G01 CHARLESTON COUNTY | 72 | 58 | 17 | 8 | 512 | 407 | 1.85 | 1.48 | 111 |
| SOUTH CAROLINA | 42 | 0560013 | F05 CHARLESTON COUNTY | 72 | 49 | | | 105 | 98 | | | |
| SOUTH CAROLINA | 42 | 0560019 | F05 CHARLESTON COUNTY | 72 | 54 | 7 | 1 | 431 | 246 | | | |
| SOUTH CAROLINA | 42 | 0560024 | G01 CHARLESTON COUNTY | 72 | 56 | 8 | 1 | 453 | 255 | 1.01 | .81 | 61 |
| SOUTH CAROLINA | 42 | 0560031 | F05 CHARLESTON COUNTY | 72 | 46 | 10 | | 249 | 220 | | | |
| SOUTH CAROLINA | 42 | 0560034 | F05 CHARLESTON COUNTY | 72 | 56 | 10 | 2 | 356 | 277 | | | |
| SOUTH CAROLINA | 42 | 0560035 | F05 CHARLESTON COUNTY | 72 | 43 | 2 | | 210 | 159 | | | |
| SOUTH CAROLINA | 42 | 0900001 | F01 DORCHESTER COUNTY | 72 | 11 | 1 | 1 | 340 | 103 | | | |
| SOUTH CAROLINA | 42 | 1700001 | G01 MT. PLEASANT | 72 | 55 | 1 | | 164 | 130 | .66 | .53 | 40 |
| 200 COLUMBIA (S.C.) | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| SOUTH CAROLINA | 42 | 0520001 | H01 CAYCE | 72 | 23 | 4 | | 245 | 193 | | | |
| SOUTH CAROLINA | 42 | 0760001 | A01 COLUMBIA | 72 | 26 | 1 | | 157 | 117 | 1.05 | .84 | 63 |
| SOUTH CAROLINA | 42 | 0760003 | H01 COLUMBIA | 72 | 57 | 3 | 1 | 279 | 219 | 1.03 | .82 | 62 |
| SOUTH CAROLINA | 42 | 0760004 | H01 COLUMBIA | 72 | 50 | 1 | | 224 | 130 | 1.00 | .80 | 60 |
| SOUTH CAROLINA | 42 | 0760005 | H01 COLUMBIA | 72 | 57 | | | 119 | 117 | .75 | .60 | 45 |
| SOUTH CAROLINA | 42 | 0760006 | F01 COLUMBIA | 72 | 61 | | | 127 | 107 | .86 | .69 | 52 |
| SOUTH CAROLINA | 42 | 0760011 | H01 COLUMBIA | 72 | 58 | | | 145 | 141 | .76 | .61 | 46 |
| SOUTH CAROLINA | 42 | 1760001 | F01 NEWBERRY | 72 | 19 | | | 61 | 55 | | | |
| SOUTH CAROLINA | 42 | 1900002 | A03 RICHLAND COUNTY | 72 | 28 | | | 101 | 86 | .58 | .46 | 35 |
| SOUTH CAROLINA | 42 | 1900002 | F01 RICHLAND COUNTY | 72 | 60 | | | 113 | 104 | .63 | .50 | 38 |
| SOUTH CAROLINA | 42 | 1900003 | F01 RICHLAND COUNTY | 72 | 127 | 5 | | 210 | 169 | 1.18 | .94 | 71 |
| SOUTH CAROLINA | 42 | 2260001 | F01 WEST COLUMBIA | 72 | 61 | | | 134 | 113 | 1.00 | .80 | 60 |
| 201 FLORENCE (S.C.) | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| SOUTH CAROLINA | 42 | 0800001 | F01 DARLINGTON | 72 | 39 | 3 | | 179 | 171 | | | |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOUTH CAROLINA | 42 | 0860001 | F01 | DILLON | 72 | 45 | | | 134 | 121 | | | |
| SOUTH CAROLINA | 42 | 1020001 | F01 | FLORENCE | 72 | 40 | | | 111 | 110 | | | |
| 202 GREENVILLE-SPARTANBURG (S.C.) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| SOUTH CAROLINA | 42 | 0180001 | F01 | ANDERSON | 72 | 50 | | | 123 | 109 | .80 | .64 | 49 |
| SOUTH CAROLINA | 42 | 1100001 | F01 | GAFFNEY | 72 | 51 | 4 | | 236 | 163 | 1.11 | .89 | 67 |
| SOUTH CAROLINA | 42 | 1180001 | A01 | GREENVILLE | 72 | 28 | | | 135 | 125 | 1.11 | .89 | 67 |
| SOUTH CAROLINA | 42 | 1180001 | G01 | GREENVILLE | 72 | 60 | | | 107 | 90 | .88 | .70 | 53 |
| SOUTH CAROLINA | 42 | 1180002 | G01 | GREENVILLE | 72 | 61 | 4 | 1 | 312 | 180 | 1.28 | 1.02 | 77 |
| SOUTH CAROLINA | 42 | 1180003 | G01 | GREENVILLE | 72 | 61 | | | 115 | 100 | .76 | .61 | 46 |
| SOUTH CAROLINA | 42 | 1200001 | G01 | GREENVILLE COUNTY | 72 | 61 | 1 | | 151 | 70 | .61 | .49 | 37 |
| SOUTH CAROLINA | 42 | 1200002 | G01 | GREENVILLE COUNTY | 72 | 61 | | | 128 | 127 | .98 | .78 | 59 |
| SOUTH CAROLINA | 42 | 1200003 | G01 | GREENVILLE COUNTY | 72 | 61 | | | 90 | 72 | .50 | .40 | 30 |
| SOUTH CAROLINA | 42 | 1260001 | G01 | GREER | 72 | 62 | 1 | | 176 | 116 | .83 | .66 | 50 |
| SOUTH CAROLINA | 42 | 1875001 | F01 | PICKENS | 72 | 42 | | | 148 | 97 | | | |
| SOUTH CAROLINA | 42 | 2010001 | G01 | SIMPSONVILLE | 72 | 61 | 1 | | 209 | 105 | .86 | .69 | 52 |
| SOUTH CAROLINA | 42 | 2040001 | G01 | SPARTANBURG | 72 | 59 | 1 | | 161 | 128 | 1.08 | .86 | 65 |
| SOUTH CAROLINA | 42 | 2040003 | G01 | SPARTANBURG | 72 | 46 | 1 | | 182 | 117 | .90 | .72 | 54 |
| SOUTH CAROLINA | 42 | 2040004 | G01 | SPARTANBURG | 72 | 47 | 2 | 1 | 270 | 183 | | | |
| 203 GREENWOOD (S.C.) | | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| SOUTH CAROLINA | 42 | 1220001 | F01 | GREENWOOD | 72 | 59 | | | 93 | 88 | .65 | .52 | 39 |
| SOUTH CAROLINA | 42 | 1500001 | F01 | LAURENS | 72 | 47 | | | 100 | 95 | | | |
| 204 GEORGETOWN (S.C.) | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| SOUTH CAROLINA | 42 | 0780006 | F01 | CONWAY | 72 | 56 | | | 86 | 67 | .66 | .53 | 40 |
| SOUTH CAROLINA | 42 | 1120001 | F01 | GEORGETOWN | 72 | 70 | 1 | | 183 | 143 | 1.03 | .82 | 62 |
| SOUTH CAROLINA | 42 | 1120001 | F05 | GEORGETOWN | 72 | 38 | 1 | | 183 | 118 | | | |
| SOUTH CAROLINA | 42 | 1120002 | F01 | GEORGETOWN | 72 | 73 | 12 | 2 | 358 | 263 | 1.41 | 1.13 | 85 |
| SOUTH CAROLINA | 42 | 1120002 | F05 | GEORGETOWN | 72 | 44 | 6 | | 226 | 201 | | | |
| SOUTH CAROLINA | 42 | 1120003 | F05 | GEORGETOWN | 72 | 36 | 2 | | 238 | 152 | | | |
| SOUTH CAROLINA | 42 | 1120005 | F05 | GEORGETOWN | 72 | 41 | | | 148 | 148 | | | |
| SOUTH CAROLINA | 42 | 1120006 | F05 | GEORGETOWN | 72 | 40 | 12 | | 259 | 254 | | | |
| 205 BLACKHILLS-RAPID CITY (S. DAK) | | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| SOUTH DAKOTA | 43 | 0110001 | A03 | BLACK HILLS NAT FOREST | 72 | 29 | | | 66 | 29 | .26 | .21 | 16 |
| 207 EASTERN TENNESSEE-SOUTHWESTERN VIRGINIA (TENN.-VA. | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| TENNESSEE | 44 | 0020001 | F01 | ALCOA | 72 | 46 | 2 | | 220 | 177 | | | |
| TENNESSEE | 44 | 0060001 | F01 | ATHENS | 72 | 46 | 4 | | 172 | 156 | | | |
| TENNESSEE | 44 | 0240002 | F01 | BRISTOL | 72 | 45 | 13 | | 226 | 205 | | | |
| TENNESSEE | 44 | 0240003 | F01 | BRISTOL | 72 | 45 | 7 | | 218 | 207 | | | |
| TENNESSEE | 44 | 0500001 | F01 | CLEVELAND | 72 | 46 | 2 | | 179 | 156 | | | |
| TENNESSEE | 44 | 0500002 | F01 | CLEVELAND | 72 | 46 | 1 | | 154 | 128 | | | |
| TENNESSEE | 44 | 0520002 | F01 | CLINTON | 72 | 46 | 4 | | 218 | 189 | | | |
| TENNESSEE | 44 | 0920001 | F01 | ELIZABETHTON | 72 | 46 | 3 | | 173 | 163 | | | |
| TENNESSEE | 44 | 1220001 | F01 | GREENEVILLE | 72 | 46 | 3 | | 178 | 164 | | | |
| TENNESSEE | 44 | 1220002 | F01 | GREENEVILLE | 72 | 39 | 2 | | 177 | 165 | | | |
| TENNESSEE | 44 | 1360002 | F01 | HARRIMAN | 72 | 46 | | | 140 | 131 | | | |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TENNESSEE | 44 | 1680001 | F01 | JOHNSON CITY | 72 | 45 | 2 | | 207 | 190 | | | |
| TENNESSEE | 44 | 1680002 | F01 | JOHNSON CITY | 72 | 44 | 4 | | 203 | 178 | | | |
| TENNESSEE | 44 | 1700001 | F01 | KINGSPORT | 72 | 45 | 4 | | 186 | 163 | | | |
| TENNESSEE | 44 | 1700002 | F01 | KINGSPORT | 72 | 45 | 19 | 3 | 299 | 268 | | | |
| TENNESSEE | 44 | 1720012 | G01 | KNOX COUNTY | 72 | 29 | | | 98 | 90 | | | |
| TENNESSEE | 44 | 1720013 | G01 | KNOX COUNTY | 72 | 30 | | | 75 | 75 | | | |
| TENNESSEE | 44 | 1720014 | G03 | KNOX COUNTY | 72 | 20 | | | 120 | 101 | | | |
| TENNESSEE | 44 | 1740002 | A01 | KNOXVILLE | 72 | 27 | 1 | | 173 | 136 | 1.35 | 1.08 | 81 |
| TENNESSEE | 44 | 1740003 | G01 | KNOXVILLE | 72 | 60 | 6 | | 187 | 182 | 1.46 | 1.17 | 89 |
| TENNESSEE | 44 | 1740004 | G01 | KNOXVILLE | 72 | 60 | 6 | | 235 | 227 | 1.43 | 1.14 | 86 |
| TENNESSEE | 44 | 1740005 | G01 | KNOXVILLE | 72 | 61 | 9 | 1 | 332 | 237 | 1.28 | 1.02 | 77 |
| TENNESSEE | 44 | 1740006 | G01 | KNOXVILLE | 72 | 61 | 1 | | 164 | 146 | .96 | .77 | 58 |
| TENNESSEE | 44 | 1740007 | G01 | KNOXVILLE | 72 | 58 | 2 | | 193 | 161 | 1.23 | .99 | 74 |
| TENNESSEE | 44 | 1740008 | G01 | KNOXVILLE | 72 | 62 | 9 | 2 | 336 | 265 | 1.65 | 1.32 | 99 |
| TENNESSEE | 44 | 1760001 | F01 | LAFOLLETTE | 72 | 46 | 11 | 5 | 278 | 271 | | | |
| TENNESSEE | 44 | 2280001 | F01 | MARYVILLE | 72 | 46 | | | 145 | 110 | | | |
| TENNESSEE | 44 | 2480001 | F01 | MORRISTOWN | 72 | 45 | 13 | 3 | 329 | 314 | | | |
| TENNESSEE | 44 | 2480002 | F01 | MORRISTOWN | 72 | 46 | 5 | | 196 | 191 | | | |
| TENNESSEE | 44 | 2620002 | F01 | OAK RIDGE | 72 | 46 | | | 111 | 103 | | | |
| TENNESSEE | 44 | 2920002 | F01 | ROCKWOOD | 72 | 46 | 11 | 1 | 272 | 231 | | | |
| VIRGINIA | 48 | 0480003 | F01 | BRISTOL | 72 | 118 | 1 | 1 | 439 | 134 | .95 | .76 | 57 |
| VIRGINIA | 48 | 0480004 | F01 | BRISTOL | 72 | 115 | 14 | 4 | 475 | 343 | 1.21 | .97 | 73 |
| VIRGINIA | 48 | 1280006 | F02 | GALAX | 72 | 112 | 28 | 2 | 318 | 284 | 1.68 | 1.34 | 101 |
| VIRGINIA | 48 | 1920001 | F01 | MARION | 72 | 115 | 2 | | 233 | 165 | .88 | .70 | 53 |
| VIRGINIA | 48 | 2640001 | F02 | RICHLANDS | 72 | 61 | | | 106 | 101 | | | |
| VIRGINIA | 48 | 2780001 | F02 | RUSSELL COUNTY | 72 | 28 | | | 86 | 76 | | | |
| VIRGINIA | 48 | 2820005 | F02 | SALTVILLE | 72 | 95 | 19 | 1 | 284 | 230 | | | |
| VIRGINIA | 48 | 2820006 | F02 | SALTVILLE | 72 | 70 | | | 141 | 121 | | | |
| VIRGINIA | 48 | 3160002 | F01 | TAZEWELL COUNTY | 72 | 114 | | | 142 | 129 | .90 | .72 | 54 |
| VIRGINIA | 48 | 3420002 | F02 | WISE COUNTY | 72 | 118 | 12 | 1 | 305 | 246 | 1.25 | 1.00 | 75 |
| VIRGINIA | 48 | 3440001 | A03 | WYTHE COUNTY | 72 | 29 | | | 46 | 46 | .48 | .38 | 29 |
| 208 MIDDLE TENNESSEE | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| TENNESSEE | 44 | 0460001 | F01 | CLARKSVILLE | 72 | 45 | | | 89 | 85 | | | |
| TENNESSEE | 44 | 0460002 | F01 | CLARKSVILLE | 72 | 44 | | | 128 | 127 | | | |
| TENNESSEE | 44 | 0580001 | F01 | COLUMBIA | 72 | 43 | | | 145 | 121 | | | |
| TENNESSEE | 44 | 0580002 | F01 | COLUMBIA | 72 | 45 | 3 | | 166 | 154 | | | |
| TENNESSEE | 44 | 1000001 | F01 | FAYETTEVILLE | 72 | 46 | | | 104 | 102 | | | |
| TENNESSEE | 44 | 1060001 | F01 | FRANKLIN | 72 | 45 | | | 96 | 94 | | | |
| TENNESSEE | 44 | 1100002 | F01 | GALLATIN | 72 | 44 | | | 99 | 88 | | | |
| TENNESSEE | 44 | 1840001 | F01 | LAWRENCEBURG | 72 | 46 | 1 | 1 | 268 | 141 | | | |
| TENNESSEE | 44 | 1860001 | F01 | LEBANON | 72 | 46 | 1 | | 216 | 111 | | | |
| TENNESSEE | 44 | 2520001 | F01 | MURFREESBORO | 72 | 46 | | | 101 | 90 | | | |
| TENNESSEE | 44 | 2520002 | F01 | MURFREESBORO | 72 | 46 | 1 | | 158 | 135 | | | |
| TENNESSEE | 44 | 2540001 | A01 | NASHVILLE | 72 | 26 | 5 | | 249 | 190 | 1.76 | 1.41 | 106 |
| TENNESSEE | 44 | 2540002 | G01 | NASHVILLE | 72 | 40 | 7 | 1 | 262 | 201 | | | |
| TENNESSEE | 44 | 2540003 | G01 | NASHVILLE | 72 | 36 | 1 | 1 | 292 | 138 | 1.25 | 1.00 | 75 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TENNESSEE | 44 | 2540004 | G01 | NASHVILLE | 72 | 50 | 8 | | 258 | 216 | 2.00 | 1.60 | 120 |
| TENNESSEE | 44 | 2540005 | G01 | NASHVILLE | 72 | 53 | 5 | | 162 | 161 | 1.58 | 1.26 | 95 |
| TENNESSEE | 44 | 2540006 | G01 | NASHVILLE | 72 | 53 | 17 | | 258 | 254 | 2.06 | 1.65 | 124 |
| TENNESSEE | 44 | 2540007 | G01 | NASHVILLE | 72 | 37 | 16 | 1 | 311 | 229 | | | |
| TENNESSEE | 44 | 2540008 | G01 | NASHVILLE | 72 | 39 | | | 114 | 106 | | | |
| TENNESSEE | 44 | 2540010 | G01 | NASHVILLE | 72 | 46 | 2 | | 253 | 163 | | | |
| TENNESSEE | 44 | 2540011 | G01 | NASHVILLE | 72 | 48 | 2 | | 165 | 152 | 1.33 | 1.06 | 80 |
| TENNESSEE | 44 | 2540012 | G01 | NASHVILLE | 72 | 50 | 5 | | 192 | 190 | 1.45 | 1.16 | 87 |
| TENNESSEE | 44 | 2540014 | G01 | NASHVILLE | 72 | 42 | 11 | | 247 | 228 | | | |
| TENNESSEE | 44 | 2540015 | G01 | NASHVILLE | 72 | 49 | 2 | 1 | 334 | 182 | 1.10 | .88 | 66 |
| TENNESSEE | 44 | 2540016 | G01 | NASHVILLE | 72 | 50 | 2 | | 176 | 157 | 1.18 | .94 | 71 |
| TENNESSEE | 44 | 2540017 | G01 | NASHVILLE | 72 | 30 | 1 | | 159 | 141 | | | |
| TENNESSEE | 44 | 2540018 | G01 | NASHVILLE | 72 | 47 | | | 114 | 106 | .78 | .62 | 47 |
| TENNESSEE | 44 | 2540019 | G01 | NASHVILLE | 72 | 34 | | | 128 | 83 | | | |
| TENNESSEE | 44 | 2540020 | G01 | NASHVILLE | 72 | 53 | | | 102 | 90 | .73 | .58 | 44 |
| TENNESSEE | 44 | 3100001 | F01 | SHELBYVILLE | 72 | 46 | | | 112 | 104 | | | |
| TENNESSEE | 44 | 3260001 | F01 | USPRINGFIELD | 72 | 46 | 1 | | 154 | 138 | | | |
| 209 WESTERN TENNESSEE | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| TENNESSEE | 44 | 0860002 | F01 | DYERSBURG | 72 | 45 | 1 | | 159 | 147 | | | |
| TENNESSEE | 44 | 1520001 | F01 | HUMBOLDT | 72 | 46 | 2 | | 173 | 160 | | | |
| TENNESSEE | 44 | 1580001 | F01 | JACKSON | 72 | 42 | 7 | 2 | 378 | 342 | | | |
| TENNESSEE | 44 | 1580002 | F01 | JACKSON | 72 | 46 | | | 117 | 111 | | | |
| TENNESSEE | 44 | 2680001 | F01 | PARIS | 72 | 46 | 7 | | 249 | 208 | | | |
| TENNESSEE | 44 | 3400001 | F01 | TRENTON | 72 | 44 | 4 | | 199 | 174 | | | |
| TENNESSEE | 44 | 3500001 | F01 | UNION CITY | 72 | 44 | 2 | | 176 | 158 | | | |
| 210 ABILENE-WICHITA FALLS (TEX) | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| TEXAS | 45 | 0010001 | F01 | ABILENE | 72 | 52 | 1 | | 227 | 146 | .98 | .78 | 59 |
| TEXAS | 45 | 0660001 | F01 | BROWNWOOD | 72 | 26 | 2 | | 203 | 164 | | | |
| TEXAS | 45 | 5560002 | F01 | WICHITA FALLS | 72 | 53 | 6 | | 232 | 218 | 1.50 | 1.20 | 90 |
| 211 AMARILLO-LUBBOCK (TEX) | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| TEXAS | 45 | 0070002 | A01 | AMARILLO | 72 | 15 | 4 | | 242 | 177 | | | |
| TEXAS | 45 | 0070002 | F01 | AMARILLO | 72 | 26 | 4 | | 242 | 177 | | | |
| TEXAS | 45 | 3340001 | A01 | LUBBOCK | 72 | 25 | 6 | 1 | 322 | 211 | | | |
| TEXAS | 45 | 3340001 | F01 | LUBBOCK | 72 | 57 | 9 | 2 | 975 | 322 | 1.50 | 1.20 | 90 |
| TEXAS | 45 | 3340002 | G01 | LUBBOCK | 72 | 37 | 3 | 1 | 302 | 205 | | | |
| TEXAS | 45 | 3340003 | G01 | LUBBOCK | 72 | 32 | | | 133 | 118 | | | |
| TEXAS | 45 | 3340005 | G01 | LUBBOCK | 72 | 37 | 1 | | 174 | 137 | | | |
| TEXAS | 45 | 3340006 | G01 | LUBBOCK | 72 | 34 | 12 | 5 | 404 | 396 | | | |
| TEXAS | 45 | 3340008 | G01 | LUBBOCK | 72 | 37 | 5 | | 210 | 189 | | | |
| TEXAS | 45 | 3340009 | G01 | LUBBOCK | 72 | 30 | 5 | 3 | 494 | 368 | | | |
| TEXAS | 45 | 3340010 | G01 | LUBBOCK | 72 | 36 | 2 | | 184 | 163 | | | |
| TEXAS | 45 | 3340012 | G01 | LUBBOCK | 72 | 33 | 5 | | 210 | 206 | | | |
| TEXAS | 45 | 3340013 | G01 | LUBBOCK | 72 | 33 | 3 | | 183 | 174 | | | |
| TEXAS | 45 | 3340014 | G01 | LUBBOCK | 72 | 34 | 5 | 1 | 298 | 234 | | | |
| TEXAS | 45 | 3340015 | G01 | LUBBOCK | 72 | 32 | 5 | 1 | 940 | 188 | | | |
| TEXAS | 45 | 3340017 | G01 | LUBBOCK | 72 | 35 | 6 | | 233 | 215 | | | |

# Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO STDS ANN. SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TEXAS | 45 | 3350001 | G01 LUBBOCK COUNTY | 72 | 30 | 4 | | 167 | 165 | - | - | |
| TEXAS | 45 | 3350003 | G01 LUBBOCK COUNTY | 72 | 23 | | | 150 | 107 | - | - | |
| TEXAS | 45 | 3350004 | G01 LUBBOCK COUNTY | 72 | 31 | 2 | 1 | 400 | 158 | - | - | |
| TEXAS | 45 | 4010001 | F01 PAMPA | 72 | 31 | | | 68 | 63 | .40 | .32 | 24 |
| TEXAS | 45 | 4830002 | G01 SLATON | 72 | 29 | 6 | 2 | 435 | 420 | - | - | |
| 212 AUSTIN-WACO (TEX) | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| TEXAS | 45 | 0220002 | A01 AUSTIN | 72 | 25 | | | 143 | 123 | - | - | |
| TEXAS | 45 | 0220002 | F01 AUSTIN | 72 | 49 | | | 143 | 123 | 1.16 | .93 | 70 |
| TEXAS | 45 | 0220004 | F01 AUSTIN | 72 | 29 | | | 143 | 114 | - | - | |
| TEXAS | 45 | 0220005 | F01 AUSTIN | 72 | 8 | | | 92 | 73 | - | - | |
| TEXAS | 45 | 0220006 | F01 AUSTIN | 72 | 24 | | | 144 | 124 | - | - | |
| TEXAS | 45 | 0220007 | F01 AUSTIN | 72 | 29 | 2 | | 179 | 167 | - | - | |
| TEXAS | 45 | 0220008 | F01 AUSTIN | 72 | 13 | | | 82 | 67 | - | - | |
| TEXAS | 45 | 0670001 | F01 BRYAN | 72 | 56 | | | 119 | 105 | .99 | .78 | 59 |
| TEXAS | 45 | 4640001 | F01 SAN MARCOS | 72 | 44 | | | 136 | 130 | .90 | .72 | 54 |
| TEXAS | 45 | 5370001 | F01 WACO | 72 | 41 | | | 145 | 130 | 1.01 | .81 | 61 |
| 213 BROWNSVILLE-LAREDO (TEX) | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| TEXAS | 45 | 2320001 | F01 HARLINGEN | 72 | 44 | | | 125 | 108 | - | - | |
| TEXAS | 45 | 3140001 | F01 LAREDO | 72 | 20 | 15 | 3 | 401 | 283 | - | - | |
| TEXAS | 45 | 3140003 | G01 LAREDO | 72 | 51 | 24 | 9 | 355 | 351 | 2.66 | 2.13 | 160 |
| TEXAS | 45 | 3140004 | G01 LAREDO | 72 | 34 | 20 | 3 | 404 | 369 | 2.51 | 2.01 | 151 |
| TEXAS | 45 | 3140005 | G01 LAREDO | 72 | 35 | | | 121 | 79 | - | - | |
| TEXAS | 45 | 3140007 | G01 LAREDO | 72 | 40 | 1 | | 173 | 145 | .86 | .69 | 52 |
| TEXAS | 45 | 3140009 | G01 LAREDO | 72 | 34 | 15 | 4 | 330 | 304 | - | - | |
| TEXAS | 45 | 3140010 | G01 LAREDO | 72 | 34 | 8 | | 242 | 190 | 1.60 | 1.28 | 96 |
| TEXAS | 45 | 3140011 | G01 LAREDO | 72 | 41 | 10 | 2 | 331 | 320 | 1.58 | 1.26 | 95 |
| TEXAS | 45 | 3140012 | G01 LAREDO | 72 | 31 | 3 | 2 | 295 | 280 | - | - | |
| TEXAS | 45 | 3390001 | F01 MCALLEN | 72 | 57 | 3 | | 171 | 162 | 1.28 | 1.02 | 77 |
| TEXAS | 45 | 4200001 | F01 PORT ISABEL | 72 | 17 | | | 137 | 99 | - | - | |
| TEXAS | 45 | 4600001 | F01 SAN BENITO | 72 | 50 | 10 | 3 | 2,121 | 477 | 1.60 | 1.28 | 96 |
| 214 CORPUS CHRISTI-VICTORIA (TEX) | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| TEXAS | 45 | 0720001 | F01 CALHOUN COUNTY | 72 | 52 | 2 | | 199 | 183 | .95 | .76 | 57 |
| TEXAS | 45 | 1150001 | A01 CORPUS CHRISTI | 72 | 26 | 2 | | 169 | 160 | - | - | |
| TEXAS | 45 | 1150001 | G01 CORPUS CHRISTI | 72 | 61 | 1 | | 157 | 149 | 1.28 | 1.02 | 77 |
| TEXAS | 45 | 1150003 | F01 CORPUS CHRISTI | 72 | 57 | | | 100 | 92 | .80 | .64 | 48 |
| TEXAS | 45 | 1150003 | G01 CORPUS CHRISTI | 72 | 60 | | | 128 | 110 | .95 | .76 | 57 |
| TEXAS | 45 | 1150004 | F01 CORPUS CHRISTI | 72 | 56 | 15 | 2 | 625 | 317 | 1.73 | 1.38 | 104 |
| TEXAS | 45 | 1150005 | G01 CORPUS CHRISTI | 72 | 61 | 1 | | 161 | 129 | .86 | .69 | 52 |
| TEXAS | 45 | 1150009 | G01 CORPUS CHRISTI | 72 | 60 | | | 145 | 135 | .96 | .77 | 58 |
| TEXAS | 45 | 1150011 | G01 CORPUS CHRISTI | 72 | 59 | 1 | | 156 | 134 | 1.01 | .81 | 61 |
| TEXAS | 45 | 1150012 | G01 CORPUS CHRISTI | 72 | 61 | | | 140 | 136 | 1.25 | 1.00 | 75 |
| TEXAS | 45 | 1150013 | G01 CORPUS CHRISTI | 72 | 61 | 1 | | 165 | 127 | .91 | .73 | 55 |
| TEXAS | 45 | 1150016 | G01 CORPUS CHRISTI | 72 | 59 | 8 | | 205 | 198 | 1.36 | 1.09 | 82 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 215 METROPOLITAN DALLAS-FORT WORTH (TEX) | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| TEXAS | 45 | 0170001 | F01 ARLINGTON | 72 | 17 | | | 84 | 76 | | | |
| TEXAS | 45 | 0170002 | F01 ARLINGTON | 72 | 17 | | | 105 | 88 | | | |
| TEXAS | 45 | 0170003 | F01 ARLINGTON | 72 | 13 | | | 77 | 77 | | | |
| TEXAS | 45 | 0170004 | F01 ARLINGTON | 72 | 17 | | | 72 | 61 | | | |
| TEXAS | 45 | 1310002 | A01 DALLAS | 72 | 27 | 3 | 2 | 349 | 286 | 1.43 | 1.14 | 86 |
| TEXAS | 45 | 1310007 | H01 DALLAS | 72 | 120 | 4 | 1 | 268 | 191 | 1.40 | 1.12 | 84 |
| TEXAS | 45 | 1310003 | H01 DALLAS | 72 | 115 | 4 | | 205 | 166 | 1.13 | .90 | 68 |
| TEXAS | 45 | 1310008 | H01 DALLAS | 72 | 120 | 1 | | 162 | 141 | 1.06 | .85 | 64 |
| TEXAS | 45 | 1310018 | H01 DALLAS | 72 | 112 | 24 | 4 | 361 | 311 | 1.70 | 1.36 | 102 |
| TEXAS | 45 | 1310020 | H01 DALLAS | 72 | 109 | 1 | | 159 | 117 | .85 | .68 | 51 |
| TEXAS | 45 | 1310023 | H01 DALLAS | 72 | 120 | 10 | | 194 | 192 | 1.41 | 1.13 | 85 |
| TEXAS | 45 | 1310027 | H01 DALLAS | 72 | 111 | 10 | 9 | 676 | 573 | 1.30 | 1.04 | 78 |
| TEXAS | 45 | 1310028 | H01 DALLAS | 72 | 110 | | | 115 | 112 | .81 | .65 | 49 |
| TEXAS | 45 | 1310029 | H01 DALLAS | 72 | 122 | | | 138 | 129 | .91 | .73 | 55 |
| TEXAS | 45 | 1310035 | H01 DALLAS | 72 | 116 | | | 124 | 115 | .88 | .70 | 53 |
| TEXAS | 45 | 1310036 | H01 DALLAS | 72 | 114 | 2 | | 155 | 151 | 1.15 | .92 | 69 |
| TEXAS | 45 | 1310038 | H01 DALLAS | 72 | 107 | | | 128 | 124 | .88 | .70 | 53 |
| TEXAS | 45 | 1310040 | H01 DALLAS | 72 | 115 | 1 | | 184 | 140 | .80 | .64 | 48 |
| TEXAS | 45 | 1410001 | F01 DENTON | 72 | 30 | 1 | | 189 | 127 | | | |
| TEXAS | 45 | 1880001 | A01 FORT WORTH | 72 | 30 | 1 | | 166 | 115 | 1.15 | .92 | 69 |
| TEXAS | 45 | 1880004 | H01 FORT WORTH | 72 | 80 | 2 | | 155 | 155 | 1.03 | .82 | 62 |
| TEXAS | 45 | 1880006 | H01 FORT WORTH | 72 | 98 | 1 | 1 | 277 | 134 | .96 | .77 | 58 |
| TEXAS | 45 | 1880007 | H01 FORT WORTH | 72 | 99 | 3 | | 179 | 171 | 1.13 | .90 | 68 |
| TEXAS | 45 | 1880011 | H01 FORT WORTH | 72 | 99 | | | 138 | 128 | .75 | .60 | 45 |
| TEXAS | 45 | 1880012 | H01 FORT WORTH | 72 | 106 | 1 | | 163 | 146 | .81 | .65 | 49 |
| TEXAS | 45 | 1880016 | H01 FORT WORTH | 72 | 102 | 4 | | 197 | 171 | 1.16 | .93 | 70 |
| TEXAS | 45 | 1880017 | H01 FORT WORTH | 72 | 105 | | | 136 | 107 | .60 | .48 | 36 |
| TEXAS | 45 | 1880019 | H01 FORT WORTH | 72 | 94 | 20 | 2 | 374 | 288 | 1.50 | 1.20 | 90 |
| TEXAS | 45 | 1880061 | H01 FORT WORTH | 72 | 100 | 1 | | 155 | 143 | 1.03 | .82 | 62 |
| TEXAS | 45 | 1880066 | H01 FORT WORTH | 72 | 101 | 1 | | 155 | 131 | .90 | .72 | 54 |
| TEXAS | 45 | 1880067 | H01 FORT WORTH | 72 | 102 | 2 | | 177 | 157 | 1.05 | .84 | 63 |
| TEXAS | 45 | 1880068 | H01 FORT WORTH | 72 | 156 | 1 | | 160 | 136 | .86 | .69 | 52 |
| TEXAS | 45 | 1880069 | H01 FORT WORTH | 72 | 91 | 15 | 2 | 383 | 289 | 1.45 | 1.16 | 87 |
| TEXAS | 45 | 2130002 | F01 GRAND PRAIRIE | 72 | 11 | | | 42 | 39 | | | |
| TEXAS | 45 | 4790002 | F01 SHERMAN | 72 | 7 | 1 | | 184 | 63 | | | |
| 216 METROPOLITAN HOUSTON-GALVESTON (TEX) | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| TEXAS | 45 | 0060001 | F01 ALVIN | 72 | 18 | | | 95 | 72 | | | |
| TEXAS | 45 | 0320001 | F01 BAYTOWN | 72 | 53 | 3 | 1 | 283 | 243 | .66 | .53 | 40 |
| TEXAS | 45 | 0320002 | F01 BAYTOWN | 72 | 59 | | | 137 | 123 | .96 | .77 | 58 |
| TEXAS | 45 | 0320003 | F01 BAYTOWN | 72 | 54 | 2 | | 164 | 151 | 1.20 | .96 | 72 |
| TEXAS | 45 | 0860001 | F01 CHAMBERS COUNTY | 72 | 54 | | | 113 | 108 | .66 | .53 | 40 |
| TEXAS | 45 | 0860002 | F01 CHAMBERS COUNTY | 72 | 55 | 3 | 1 | 266 | 186 | 1.05 | .84 | 63 |
| TEXAS | 45 | 0860004 | F01 CHAMBERS COUNTY | 72 | 56 | 6 | | 222 | 206 | 1.20 | .96 | 72 |
| TEXAS | 45 | 0950002 | F01 CLUTE | 72 | 52 | 3 | | 205 | 171 | 1.45 | 1.16 | 87 |
| TEXAS | 45 | 1935001 | G01 FRIENDSWOOD | 72 | 29 | | | 124 | 103 | | | |
| TEXAS | 45 | 1980001 | F01 GALVESTON | 72 | 49 | 1 | | 156 | 147 | .95 | .76 | 57 |

# Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TEXAS | 45 | 1980047 | G01 | GALVESTON | 72 | 29 | | | 90 | 81 | - | - | |
| TEXAS | 45 | 1990025 | G01 | GALVESTON COUNTY | 72 | 28 | | | 129 | 112 | | - | |
| TEXAS | 45 | 2330003 | F01 | HARRIS COUNTY | 72 | 26 | | | 108 | 107 | | - | |
| TEXAS | 45 | 2330005 | F01 | HARRIS COUNTY | 72 | 24 | | | 81 | 70 | | - | |
| TEXAS | 45 | 2330006 | F01 | HARRIS COUNTY | 72 | 25 | | | 150 | 92 | | - | |
| TEXAS | 45 | 2560001 | A01 | HOUSTON | 72 | 28 | 2 | | 177 | 161 | 1.48 | 1.18 | 89 |
| TEXAS | 45 | 2560001 | H01 | HOUSTON | 72 | 13 | 1 | | 177 | 120 | | | |
| TEXAS | 45 | 3070024 | G01 | LA MARQUE | 72 | 29 | | | 145 | 132 | - | - | |
| TEXAS | 45 | 3170001 | F01 | LEAGUE CITY | 72 | 51 | 1 | | 194 | 103 | .68 | .54 | 41 |
| TEXAS | 45 | 3170026 | G01 | LEAGUE CITY | 72 | 29 | 3 | | 216 | 163 | | - | |
| TEXAS | 45 | 3530001 | A03 | MATAGORDA COUNTY | 72 | 29 | | | 71 | 60 | .51 | .41 | 31 |
| TEXAS | 45 | 4060002 | A01 | PASADENA | 72 | 29 | 2 | | 173 | 156 | 1.50 | 1.20 | 90 |
| TEXAS | 45 | 4060006 | F01 | PASADENA | 72 | 30 | | | 115 | 91 | - | - | |
| TEXAS | 45 | 4890001 | F01 | SOUTH HOUSTON | 72 | 31 | 1 | | 184 | 150 | | - | |
| TEXAS | 45 | 5170003 | G01 | TEXAS CITY | 72 | 34 | | | 149 | 123 | | - | |
| TEXAS | 45 | 5170004 | G01 | TEXAS CITY | 72 | 34 | 2 | 1 | 332 | 157 | - | - | |
| TEXAS | 45 | 5170011 | F01 | TEXAS CITY | 72 | 30 | 5 | 1 | 274 | 213 | 1.76 | 1.41 | 106 |
| TEXAS | 45 | 5170011 | G01 | TEXAS CITY | 72 | 29 | 5 | 1 | 274 | 196 | - | - | |
| TEXAS | 45 | 5170043 | G01 | TEXAS CITY | 72 | 29 | | | 150 | 126 | - | - | |
| TEXAS | 45 | 5170045 | G01 | TEXAS CITY | 72 | 25 | | | 128 | 92 | - | - | |
| TEXAS | 45 | 5195001 | F01 | TOMBALL | 72 | 27 | | | 118 | 90 | | - | |
| 217 METROPOLITAN SAN ANTONIO (TEX) | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| TEXAS | 45 | 1580003 | F01 | EAGLE PASS | 72 | 48 | 12 | 3 | 643 | 552 | 2.10 | 1.63 | 126 |
| TEXAS | 45 | 4570001 | A01 | SAN ANTONIO | 72 | 27 | | | 141 | 138 | .90 | .72 | 54 |
| TEXAS | 45 | 4570001 | G01 | SAN ANTONIO | 72 | 70 | 4 | | 173 | 170 | - | - | |
| TEXAS | 45 | 4570024 | G01 | SAN ANTONIO | 72 | 119 | | | 112 | 112 | .73 | .58 | 44 |
| TEXAS | 45 | 4570026 | G01 | SAN ANTONIO | 72 | 120 | 1 | | 159 | 149 | .28 | .22 | 17 |
| TEXAS | 45 | 4570027 | G01 | SAN ANTONIO | 72 | 120 | | | 95 | 89 | .16 | .13 | 10 |
| TEXAS | 45 | 4570029 | G01 | SAN ANTONIO | 72 | 118 | | | 111 | 100 | .61 | .49 | 37 |
| TEXAS | 45 | 4570033 | G01 | SAN ANTONIO | 72 | 117 | | | 105 | 79 | .13 | .10 | 8 |
| TEXAS | 45 | 4570034 | G01 | SAN ANTONIO | 72 | 35 | | | 106 | 91 | - | - | |
| 218 MIDLAND-ODESSA-SAN ANGELO (TEX) | | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| TEXAS | 45 | 0440001 | F01 | BIG SPRING | 72 | 57 | 5 | 1 | 267 | 237 | 1.03 | .82 | 62 |
| TEXAS | 45 | 3620001 | F01 | MIDLAND | 72 | 32 | 5 | | 252 | 228 | - | - | |
| TEXAS | 45 | 3910001 | F01 | ODESSA | 72 | 55 | 5 | | 209 | 205 | 1.43 | 1.14 | 86 |
| TEXAS | 45 | 4560001 | F01 | SAN ANGELO | 72 | 45 | 1 | | 180 | 108 | .81 | .65 | 49 |
| TEXAS | 45 | 5200001 | A03 | TOM GREEN COUNTY | 72 | 29 | 2 | | 219 | 186 | .90 | .72 | 54 |
| 220 WASATCH FRONT (UTAH) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| UTAH | 46 | 0440001 | F01 | KEARNS | 72 | 352 | 11 | | 221 | 220 | .90 | .72 | 54 |
| UTAH | 46 | 0520001 | F01 | MAGNA | 72 | 334 | 31 | 12 | 1,465 | 898 | 1.16 | .93 | 70 |
| UTAH | 46 | 0680001 | A01 | OGDEN | 72 | 29 | 3 | | 189 | 189 | 1.48 | 1.18 | 89 |
| UTAH | 46 | 0680001 | F01 | OGDEN | 72 | 346 | 41 | 6 | 292 | 289 | 1.45 | 1.16 | 87 |
| UTAH | 46 | 0800001 | F01 | PROVO | 72 | 333 | 43 | 8 | 470 | 359 | 1.56 | 1.25 | 94 |
| UTAH | 46 | 0920001 | A01 | SALT LAKE CITY | 72 | 28 | 3 | | 211 | 175 | 1.58 | 1.26 | 95 |
| UTAH | 46 | 0920001 | F01 | SALT LAKE CITY | 72 | 349 | 55 | 9 | 355 | 331 | 1.56 | 1.25 | 94 |
| UTAH | 46 | 0920004 | F01 | SALT LAKE CITY | 72 | 330 | 31 | 2 | 278 | 261 | 1.28 | 1.02 | 77 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | ANNUAL GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 221 VERMONT (REMAINDER) | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| VERMONT | 47 | 0360001 | A03 | ORANGE COUNTY | 72 | 29 | | 69 | 54 | .50 | .40 | 30 |
| 222 CENTRAL VIRGINIA | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| VIRGINIA | 48 | 0140001 | F02 | AMELIA COUNTY | 72 | 106 | 2 | 206 | 171 | .66 | .53 | 40 |
| VIRGINIA | 48 | 0160004 | F02 | AMHERST COUNTY | 72 | 76 | 2 | 1 | 272 | 250 | .80 | .64 | 48 |
| VIRGINIA | 48 | 0280001 | F02 | BASSETT | 72 | 83 | 55 | 22 | 651 | 488 | 3.13 | 2.50 | 188 |
| VIRGINIA | 48 | 0280002 | F02 | BASSETT | 72 | 42 | 4 | | 251 | 249 | | | |
| VIRGINIA | 48 | 0320002 | F01 | BEDFORD | 72 | 66 | 4 | | 191 | 178 | .95 | .76 | 57 |
| VIRGINIA | 48 | 0340003 | F02 | BEDFORD COUNTY | 72 | 58 | | | 97 | 97 | | | |
| VIRGINIA | 48 | 0400001 | F01 | BLACKSTONE | 72 | 113 | 1 | | 197 | 112 | .70 | .56 | 42 |
| VIRGINIA | 48 | 0580003 | F01 | CAMPBELL COUNTY | 72 | 68 | | | 104 | 85 | .68 | .54 | 41 |
| VIRGINIA | 48 | 0580005 | F02 | CAMPBELL COUNTY | 72 | 113 | 3 | | 217 | 165 | .86 | .69 | 52 |
| VIRGINIA | 48 | 0920001 | A01 | DANVILLE | 72 | 27 | | | 109 | 102 | 1.05 | .84 | 63 |
| VIRGINIA | 48 | 0920005 | F02 | DANVILLE | 72 | 42 | | | 104 | 84 | | | |
| VIRGINIA | 48 | 0920006 | F02 | DANVILLE | 72 | 34 | 1 | | 184 | 140 | | | |
| VIRGINIA | 48 | 1200002 | F02 | FRANKLIN COUNTY | 72 | 55 | 1 | | 199 | 132 | .90 | .72 | 54 |
| VIRGINIA | 48 | 1520002 | F02 | HENRY COUNTY | 72 | 38 | 3 | | 163 | 161 | | | |
| VIRGINIA | 48 | 1840001 | A01 | LYNCHBURG | 72 | 30 | 1 | | 194 | 147 | 1.40 | 1.12 | 84 |
| VIRGINIA | 48 | 1840003 | F01 | LYNCHBURG | 72 | 70 | 4 | | 214 | 166 | | | |
| VIRGINIA | 48 | 1840009 | F02 | LYNCHBURG | 72 | 68 | 0 | | 256 | 209 | | | |
| VIRGINIA | 48 | 1840010 | F02 | LYNCHBURG | 72 | 43 | | | 123 | 114 | | | |
| VIRGINIA | 48 | 1940005 | F01 | MARTINSVILLE | 72 | 77 | 2 | | 166 | 156 | 1.05 | .84 | 63 |
| VIRGINIA | 48 | 1940006 | F01 | MARTINSVILLE | 72 | 81 | 1 | | 177 | 148 | .91 | .73 | 55 |
| VIRGINIA | 48 | 2340001 | F02 | PATRICK COUNTY | 72 | 83 | 34 | 8 | 521 | 396 | 1.83 | 1.46 | 110 |
| VIRGINIA | 48 | 2380002 | F02 | PITTSYLVANIA COUNTY | 72 | 69 | 5 | | 241 | 226 | 1.06 | .85 | 64 |
| VIRGINIA | 48 | 2380003 | F02 | PITTSYLVANIA COUNTY | 72 | 71 | 1 | | 167 | 143 | .68 | .54 | 41 |
| VIRGINIA | 48 | 2920003 | F01 | SOUTH BOSTON | 72 | 45 | 3 | | 214 | 169 | | | |
| 223 HAMPTON ROADS (VA) | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| VIRGINIA | 48 | 0710001 | F02 | CHESAPEAKE | 72 | 104 | 1 | | 192 | 147 | 1.13 | .90 | 68 |
| VIRGINIA | 48 | 0710004 | F02 | CHESAPEAKE | 72 | 110 | 6 | 1 | 320 | 253 | 1.26 | 1.01 | 76 |
| VIRGINIA | 48 | 0710005 | F02 | CHESAPEAKE | 72 | 102 | 12 | 2 | 348 | 271 | 1.16 | .93 | 70 |
| VIRGINIA | 48 | 0710006 | F01 | CHESAPEAKE | 72 | 105 | 16 | 2 | 307 | 278 | 1.38 | 1.10 | 83 |
| VIRGINIA | 48 | 1180002 | F01 | FRANKLIN | 72 | 87 | 2 | | 197 | 180 | .95 | .76 | 57 |
| VIRGINIA | 48 | 1440001 | A01 | HAMPTON | 72 | 28 | | | 82 | 78 | .78 | .62 | 47 |
| VIRGINIA | 48 | 1440003 | F02 | HAMPTON | 72 | 82 | 7 | 2 | 400 | 285 | 1.38 | 1.10 | 83 |
| VIRGINIA | 48 | 2060002 | F02 | NANSEMOND COUNTY | 72 | 96 | 1 | 1 | 329 | 79 | .58 | .46 | 35 |
| VIRGINIA | 48 | 2120001 | A01 | NEWPORT NEWS | 72 | 29 | | | 91 | 72 | .78 | .62 | 47 |
| VIRGINIA | 48 | 2120003 | F01 | NEWPORT NEWS | 72 | 90 | 3 | | 201 | 199 | .90 | .72 | 54 |
| VIRGINIA | 48 | 2140001 | A01 | NORFOLK | 72 | 31 | | | 116 | 111 | .91 | .73 | 55 |
| VIRGINIA | 48 | 2140007 | F01 | NORFOLK | 72 | 78 | | | 129 | 118 | | | |
| VIRGINIA | 48 | 2140010 | F01 | NORFOLK | 72 | 102 | 20 | 2 | 282 | 271 | 1.88 | 1.50 | 113 |
| VIRGINIA | 48 | 2140011 | F01 | NORFOLK | 72 | 70 | 1 | | 152 | 136 | | | |
| VIRGINIA | 48 | 2140012 | F02 | NORFOLK | 72 | 84 | | | 138 | 133 | .83 | .66 | 50 |
| VIRGINIA | 48 | 2440001 | A01 | PORTSMOUTH | 72 | 30 | 2 | | 167 | 161 | 1.15 | .92 | 69 |
| VIRGINIA | 48 | 3080003 | F02 | SUFFOLK | 72 | 92 | 4 | | 196 | 184 | 1.08 | .86 | 65 |

# Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VIRGINIA | 48 | 3240003 | F02 | VIRGINIA BEACH | 72 | 90 | 1 | | | 177 | 135 | | | |
| VIRGINIA | 48 | 3360001 | F02 | WILLIAMSBURG | 72 | 95 | 2 | | | 224 | 162 | .68 | .54 | 41 |
| VIRGINIA | 48 | 3480002 | F02 | YORK COUNTY | 72 | 76 | 1 | | | 173 | 116 | .55 | .44 | 33 |
| 224 NORTHEASTERN VIRGINIA | | | | | | ** PRIORITY 1A ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| VIRGINIA | 48 | 0680001 | F01 | CHAROLLTESVILLE | 72 | 16 | 1 | | 1 | 392 | 124 | | | |
| VIRGINIA | 48 | 1240001 | F02 | FREDERICKSBURG | 72 | 38 | 2 | | 1 | 267 | 166 | | | |
| VIRGINIA | 48 | 1320001 | F02 | GLOUCESTER COUNTY | 72 | 59 | 1 | | | 235 | 113 | | | |
| 225 STATE CAPITAL (VA) | | | | | | ** PRIORITY 1 ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| VIRGINIA | 48 | 0720002 | F02 | CHESTERFIELD COUNTY | 72 | 57 | 1 | | | 154 | 108 | .80 | .64 | 48 |
| VIRGINIA | 48 | 0980002 | F02 | EMPORIA | 72 | 55 | | | | 71 | 68 | | | |
| VIRGINIA | 48 | 1500002 | F01 | HENRICO COUNTY | 72 | 57 | | | | 125 | 91 | | | |
| VIRGINIA | 48 | 1500007 | F02 | HENRICO COUNTY | 72 | 57 | | | | 121 | 100 | | | |
| VIRGINIA | 48 | 1500008 | F02 | HENRICO COUNTY | 72 | 57 | | | | 98 | 94 | | | |
| VIRGINIA | 48 | 1560002 | F02 | HOPEWELL | 72 | 56 | 6 | | 1 | 319 | 214 | 1.46 | 1.17 | 88 |
| VIRGINIA | 48 | 2360002 | F01 | PETERSBURG | 72 | 29 | 2 | | | 191 | 172 | | | |
| VIRGINIA | 48 | 2500001 | F02 | PRINCE GEORGE COUNTY | 72 | 81 | | | | 131 | 91 | | | |
| VIRGINIA | 48 | 2660002 | A01 | RICHMOND | 72 | 16 | | | | 137 | 99 | | | |
| VIRGINIA | 48 | 2660008 | F01 | RICHMOND | 72 | 33 | | | | 119 | 116 | | | |
| 226 VALLEY OF VIRGINIA | | | | | | ** PRIORITY 1 ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| VIRGINIA | 48 | 0460003 | F02 | BOTETOURT COUNTY | 72 | 49 | 17 | | 3 | 399 | 343 | | | |
| VIRGINIA | 48 | 0560002 | F02 | BUENA VISTA | 72 | 57 | 2 | | | 195 | 178 | | | |
| VIRGINIA | 48 | 0760001 | F02 | CLARKE COUNTY | 72 | 74 | | | | 103 | 82 | .63 | .50 | 38 |
| VIRGINIA | 48 | 0780002 | F01 | CLIFTON FORGE | 72 | 46 | | | | 124 | 116 | | | |
| VIRGINIA | 48 | 0840005 | F02 | COVINGTON | 72 | 50 | | | | 143 | 126 | | | |
| VIRGINIA | 48 | 1260004 | F02 | FRONT ROYAL | 72 | 10 | 2 | | | 210 | 153 | | | |
| VIRGINIA | 48 | 1300001 | F02 | GILES COUNTY | 72 | 67 | 47 | | 29 | 1,145 | 525 | | | |
| VIRGINIA | 48 | 1300005 | F02 | GILES COUNTY | 72 | 46 | 4 | | 1 | 382 | 194 | | | |
| VIRGINIA | 48 | 1480002 | F02 | HARRISONBURG | 72 | 52 | 6 | | 1 | 299 | 223 | | | |
| VIRGINIA | 48 | 1740002 | F01 | LEXINGTON | 72 | 37 | 1 | | | 189 | 100 | | | |
| VIRGINIA | 48 | 2560006 | F02 | PULASKI | 72 | 120 | | | | 148 | 138 | 1.05 | .84 | 63 |
| VIRGINIA | 48 | 2560007 | F02 | PULASKI | 72 | 108 | | | | 130 | 111 | .75 | .60 | 45 |
| VIRGINIA | 48 | 2700001 | A01 | ROANOKE | 72 | 27 | | | | 124 | 119 | | | |
| VIRGINIA | 48 | 2760001 | F02 | ROCKINGHAM COUNTY | 72 | 45 | | | | 81 | 61 | | | |
| VIRGINIA | 48 | 2890001 | A03 | SHENANDOAH NATIONAL PK | 72 | 28 | | | | 51 | 47 | .48 | .38 | 29 |
| VIRGINIA | 48 | 3060002 | F01 | STAUNTON | 72 | 20 | | | | 114 | 100 | | | |
| VIRGINIA | 48 | 3320004 | F02 | WAYNESBORO | 72 | 103 | 4 | | | 210 | 206 | .95 | .76 | 57 |
| VIRGINIA | 48 | 3320006 | F02 | WAYNESBORO | 72 | 58 | | | | 107 | 98 | | | |
| 227 NORTHERN WASHINGTON | | | | | | ** PRIORITY 2 ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| WASHINGTON | 49 | 0520001 | F01 | DOUGLAS COUNTY | 72 | 10 | 2 | | 1 | 292 | 208 | | | |
| WASHINGTON | 49 | 1380005 | F01 | OKANOGAN COUNTY | 72 | 86 | 4 | | 2 | 409 | 277 | 1.01 | .81 | 61 |
| WASHINGTON | 49 | 1540005 | F01 | PEND ORIELLE COUNTY | 72 | 88 | 5 | | 2 | 425 | 314 | 1.05 | .84 | 63 |
| WASHINGTON | 49 | 2340001 | F01 | WENATCHEE | 72 | 90 | 4 | | | 228 | 220 | .95 | .76 | 57 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 228 OLYMPIC-NORTHWEST WASHINGTON | | | | | ** PRIORITY 2 ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| WASHINGTON | 49 | 0020002 | I01 | ABERDEEN | 72 | 92 | | | 116 | 100 | .68 | .54 | 41 |
| WASHINGTON | 49 | 1400001 | F01 | OLYMPIA | 72 | 90 | 1 | | 156 | 135 | .75 | .60 | 45 |
| WASHINGTON | 49 | 1600001 | I01 | PORT ANGELES | 72 | 71 | 4 | 1 | 290 | 198 | * | * | |
| WASHINGTON | 49 | 2400001 | I01 | WHATCOM COUNTY | 72 | 89 | 1 | | 152 | 127 | .53 | .42 | 32 |
| 229 PUGET SOUND (WASH) | | | | | ** PRIORITY 1 ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| WASHINGTON | 49 | 0120002 | I01 | BELLEVUE | 72 | 91 | 1 | | 204 | 128 | .66 | .53 | 40 |
| WASHINGTON | 49 | 0180001 | F01 | BREMERTON | 72 | 76 | | | 100 | 91 | .68 | .54 | 41 |
| WASHINGTON | 49 | 0640005 | F01 | EVERETT | 72 | 25 | 2 | | 244 | 155 | * | * | |
| WASHINGTON | 49 | 0640007 | F01 | EVERETT | 72 | 95 | 6 | | 244 | 197 | 1.00 | .80 | 60 |
| WASHINGTON | 49 | 0980001 | I01 | KING COUNTY | 72 | 88 | | | 67 | 57 | .25 | .20 | 15 |
| WASHINGTON | 49 | 0980002 | A03 | KING COUNTY | 72 | 30 | | | 91 | 78 | .53 | .42 | 32 |
| WASHINGTON | 49 | 1760002 | I01 | RENTON | 72 | 90 | | | 147 | 111 | .73 | .58 | 44 |
| WASHINGTON | 49 | 1840001 | A01 | SEATTLE | 72 | 27 | | | 109 | 100 | .78 | .62 | 47 |
| WASHINGTON | 49 | 1840001 | I01 | SEATTLE | 72 | 91 | 2 | | 214 | 187 | .95 | .76 | 57 |
| WASHINGTON | 49 | 1840002 | F01 | SEATTLE | 72 | 23 | 2 | | 183 | 176 | * | * | |
| WASHINGTON | 49 | 1840007 | I01 | SEATTLE | 72 | 92 | 1 | | 177 | 129 | .63 | .50 | 38 |
| WASHINGTON | 49 | 1840009 | I01 | SEATTLE | 72 | 93 | 1 | | 185 | 120 | .75 | .60 | 45 |
| WASHINGTON | 49 | 1840059 | F01 | SEATTLE | 72 | 58 | 11 | | 242 | 206 | * | | |
| WASHINGTON | 49 | 2140001 | A01 | TACOMA | 72 | 30 | 2 | | 171 | 160 | .76 | .61 | 46 |
| WASHINGTON | 49 | 2140001 | I01 | TACOMA WASH | 72 | 91 | 5 | 1 | 300 | 253 | .80 | .64 | 48 |
| WASHINGTON | 49 | 2140003 | I01 | TACOMA | 72 | 92 | 1 | | 171 | 139 | .73 | .58 | 44 |
| WASHINGTON | 49 | 2140005 | F01 | TACOMA WASH | 72 | 23 | 3 | 1 | 379 | 218 | * | * | |
| WASHINGTON | 49 | 2140006 | F01 | TACOMA | 72 | 96 | 34 | 10 | 456 | 453 | 1.56 | 1.25 | 94 |
| 230 SOUTH CENTRAL WASHINGTON | | | | | ** PRIORITY 1 ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| WASHINGTON | 49 | 0560001 | F01 | ELLENSBURG | 72 | 90 | 3 | | 215 | 155 | .96 | .77 | 58 |
| WASHINGTON | 49 | 0780001 | F01 | GOLDENDALE | 72 | 28 | | | 79 | 76 | * | * | |
| WASHINGTON | 49 | 1060001 | F01 | KLICKITAT COUNTY | 72 | 9 | | | 52 | 49 | | | |
| WASHINGTON | 49 | 1500001 | F01 | PASCO | 72 | 91 | 16 | 2 | 559 | 548 | 1.50 | 1.20 | 90 |
| WASHINGTON | 49 | 2260002 | F01 | WALLA WALLA | 72 | 84 | 1 | 1 | 587 | 132 | .95 | .76 | 57 |
| WASHINGTON | 49 | 2440002 | I01 | YAKIMA | 72 | 91 | 5 | 1 | 266 | 251 | 1.13 | .90 | 68 |
| WASHINGTON | 49 | 2440003 | F01 | YAKIMA | 72 | 24 | 3 | 1 | 266 | 251 | * | * | |
| WASHINGTON | 49 | 2460001 | I01 | YAKIMA COUNTY | 72 | 20 | | | 124 | 117 | * | * | |
| WASHINGTON | 49 | 2460002 | I01 | YAKIMA COUNTY | 72 | 90 | | | 104 | 89 | .58 | .46 | 35 |
| 234 KANAWHA VALLEY (W. VA.) | | | | | ** PRIORITY 1 ** | | | | | | AS OF OCTOBER 06, 1973 | | |
| WEST VIRGINIA | 50 | 0280001 | A01 | CHARLESTON | 72 | 29 | 4 | | 181 | 175 | 1.63 | 1.30 | 98 |
| WEST VIRGINIA | 50 | 0280002 | F01 | CHARLESTON | 72 | 44 | 8 | 2 | 433 | 331 | 1.63 | 1.30 | 98 |
| WEST VIRGINIA | 50 | 0280003 | F03 | CHARLESTON | 72 | 46 | | | 105 | 104 | .78 | .62 | 47 |
| WEST VIRGINIA | 50 | 0280005 | F01 | CHARLESTON | 72 | 46 | 10 | 2 | 301 | 262 | 1.75 | 1.40 | 105 |
| WEST VIRGINIA | 50 | 0280006 | F01 | CHARLESTON | 72 | 33 | 5 | | 186 | 176 | * | * | |
| WEST VIRGINIA | 50 | 0760001 | F02 | KANAWHA COUNTY | 72 | 39 | 10 | 1 | 316 | 244 | 1.63 | 1.30 | 98 |
| WEST VIRGINIA | 50 | 0760002 | F02 | KANAWHA COUNTY | 72 | 42 | | | 99 | 96 | .76 | .61 | 46 |
| WEST VIRGINIA | 50 | 1340001 | F02 | NITRO | 72 | 45 | 5 | 1 | 288 | 257 | 1.33 | 1.06 | 80 |
| WEST VIRGINIA | 50 | 1560001 | F01 | PUTNAM COUNTY | 72 | 17 | | | 135 | 111 | * | * | |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEST VIRGINIA | 50 1560002 | F02 | PUTNAM COUNTY | 72 | 33 | | | 107 | 94 | .73 | .58 | 44 |
| WEST VIRGINIA | 50 1560003 | F02 | PUTNAM COUNTY | 72 | 45 | 2 | | 177 | 162 | 1.08 | .86 | 65 |
| WEST VIRGINIA | 50 1760001 | A01 | SOUTH CHARLESTON | 72 | 30 | 2 | | 166 | 163 | 1.36 | 1.09 | 82 |
| WEST VIRGINIA | 50 1760002 | F02 | SOUTH CHARLESTON | 72 | 26 | 7 | 2 | 288 | 280 | * | * | |
| WEST VIRGINIA | 50 1760003 | F01 | SOUTH CHARLESTON | 72 | 45 | | | 110 | 98 | .81 | .65 | 49 |
| 235 NORTH CENTRAL WEST VIRGINIA | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| WEST VIRGINIA | 50 0360001 | F01 | CLARKSBURG | 72 | 41 | 1 | | 168 | 137 | 1.05 | .84 | 63 |
| WEST VIRGINIA | 50 0360002 | F01 | CLARKSBURG | 72 | 39 | 4 | 1 | 371 | 182 | 1.20 | .96 | 72 |
| WEST VIRGINIA | 50 0480001 | F01 | FAIRMONT | 72 | 17 | 2 | | 170 | 151 | * | * | |
| WEST VIRGINIA | 50 0480002 | F02 | FAIRMONT | 72 | 40 | 4 | | 225 | 174 | 1.40 | 1.12 | 84 |
| WEST VIRGINIA | 50 0480003 | F01 | FAIRMONT | 72 | 38 | 2 | | 193 | 178 | 1.05 | .84 | 63 |
| WEST VIRGINIA | 50 0660001 | F01 | HARRISON COUNTY | 72 | 40 | | | 149 | 134 | .90 | .72 | 54 |
| 236 SOUTHERN WEST VIRGINIA | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| WEST VIRGINIA | 50 0460001 | F02 | FAYETTE COUNTY | 72 | 47 | 7 | 2 | 293 | 278 | 1.33 | 1.06 | 80 |
| WEST VIRGINIA | 50 1180001 | F02 | MONTGOMERY | 72 | 43 | 28 | 14 | 390 | 380 | 2.83 | 2.26 | 170 |
| 237 LAKE MICHIGAN (WISC) | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| WISCONSIN | 51 0780001 | A03 | DOOR COUNTY | 72 | 25 | | | 63 | 55 | .38 | .30 | 23 |
| 239 SOUTHEASTERN WISCONSIN | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| WISCONSIN | 51 1540001 | A01 | KENOSHA | 72 | 27 | 2 | | 153 | 151 | 1.18 | .94 | 71 |
| WISCONSIN | 51 2200001 | A01 | MILWAUKEE | 72 | 28 | 3 | | 197 | 195 | 1.53 | 1.22 | 92 |
| WISCONSIN | 51 2880001 | A01 | RACINE | 72 | 27 | 1 | | 180 | 114 | .95 | .76 | 57 |
| 240 SOUTHERN WISCONSIN | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| WISCONSIN | 51 1860001 | A01 | MADISON | 72 | 30 | 1 | | 153 | 144 | 1.23 | .98 | 74 |
| 241 CASPER (WYO) | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| WYOMING | 52 0120001 | A01 | CASPER | 72 | 29 | 2 | | 166 | 163 | 1.01 | .81 | 61 |
| 242 METROPOLITAN CHEYENNE (WYO) | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| WYOMING | 52 0140001 | A01 | CHEYENNE | 72 | 30 | | | 148 | 53 | .50 | .40 | 30 |
| 243 WYOMING (REMAINDER) | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| WYOMING | 52 0310001 | A03 | GRAND TETON NATL PARK | 72 | 29 | | | 32 | 28 | .20 | .16 | 12 |
| WYOMING | 52 0860001 | A03 | YELLOWSTONE PARK | 72 | 22 | | | 37 | 23 | * | * | |
| 244 PUERTO RICO | | | | | ** PRIORITY 1A ** | | | | | AS OF OCTOBER 06, 1973 | | |
| PUERTO RICO | 40 0380002 | A01 | BAYAMON | 72 | 30 | 5 | | 218 | 171 | 1.86 | 1.49 | 112 |
| PUERTO RICO | 40 0560002 | A01 | CATANO | 72 | 28 | 11 | 2 | 325 | 285 | 2.30 | 1.84 | 138 |
| PUERTO RICO | 40 1080002 | A01 | GUAYANILLA | 72 | 31 | | | 126 | 102 | 1.00 | .80 | 60 |
| PUERTO RICO | 40 1920002 | A01 | PONCE | 72 | 30 | 3 | | 185 | 155 | 1.56 | 1.25 | 94 |
| PUERTO RICO | 40 2140001 | A01 | SAN JUAN | 72 | 27 | 4 | | 173 | 171 | 1.93 | 1.54 | 116 |

## Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

| AIR QUALITY CONTROL REGION | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIOS TO ANN. STDS SEC. | PRI. | GEOM. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|
| 246 GUAM | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 06, 1973 | | |
| GUAM | 54 0010001 F01 AGANA DIST | 72 | 15 | 13 | 7 | 700 | 656 | - | - | |
| GUAM | 54 0170001 F01 DEDEDO DIST | 72 | 9 | | | 115 | 104 | - | - | |
| GUAM | 54 0290001 F02 PITI DIST | 72 | 10 | 1 | | 162 | 93 | - | - | |
| 247 U.S. VIRGIN ISLANDS | | | ** PRIORITY 1A ** | | | | | AS OF OCTOBER 06, 1973 | | |
| VIRGIN ISLANDS | 55 0010002 F02 CHARLOTTE AMALIE | 72 | 93 | 11 | 3 | 397 | 354 | - | - | |
| VIRGIN ISLANDS | 55 0010003 F01 CHARLOTTE AMALIE | 72 | 52 | 1 | | 193 | 143 | - | - | |
| VIRGIN ISLANDS | 55 0170002 F02 ST CROIX COUNTY | 72 | 130 | 42 | 17 | 797 | 517 | - | - | |
| VIRGIN ISLANDS | 55 0170003 F02 ST CROIX COUNTY | 72 | 69 | 24 | 4 | 633 | 578 | - | - | |

# Table A-2. DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEDING 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|
| 002 COLUMBUS-PHENIX CITY (ALA-GA) | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| ALABAMA | 01 2460001 A01 MONTGOMERY | 72 | 28 | | 25 | 13 | .06 | 5 |
| GEORGIA | 11 1280001 A01 COLUMBUS | 72 | 25 | | 87 | 43 | .13 | 10 |
| 004 METROPOLITAN BIRMINGHAM (ALA) | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| ALABAMA | 01 0340001 G01 BESSEMER | 72 | 27 | | 26 | 7 | | |
| ALABAMA | 01 0390003 A01 BIRMINGHAM | 72 | 27 | | 57 | 29 | .11 | 8 |
| ALABAMA | 01 0390005 G01 BIRMINGHAM | 72 | 139 | | 104 | 21 | | |
| ALABAMA | 01 0380012 G01 BIRMINGHAM | 72 | 120 | | 78 | 62 | | |
| ALABAMA | 01 1300003 G01 FAIRFIELD | 72 | 139 | | 157 | 141 | | |
| ALABAMA | 01 2540001 G01 MOUNTAIN BROOK | 72 | 19 | | 2 | 2 | | |
| ALABAMA | 01 3200001 G01 TARRANT CITY | 72 | 24 | | 28 | 18 | | |
| 005 MOBILE-PENSACOLA-PANAMA CITY-S.MISS.(ALA-FLA-MISS) | | | * PRIORITY 1 | | | | AS OF OCTOBER 07, 1973 | |
| ALABAMA | 01 2380001 A01 MOBILE | 72 | 22 | | 71 | 60 | | |
| FLORIDA | 10 4060001 J02 SANTA ROSA COUNTY | 72 | 58 | | 2 | 2 | .03 | 2 |
| FLORIDA | 10 4060002 J02 SANTA ROSA COUNTY | 72 | 71 | | 44 | 7 | .04 | 3 |
| FLORIDA | 10 4060003 J02 SANTA ROSA COUNTY | 72 | 61 | | 72 | 13 | .05 | 4 |
| FLORIDA | 10 4060004 J02 SANTA ROSA COUNTY | 72 | 53 | | 25 | 20 | .04 | 3 |
| FLORIDA | 10 4060005 J02 SANTA ROSA COUNTY | 72 | 56 | | 44 | 34 | .07 | 5 |
| FLORIDA | 10 4060006 J02 SANTA ROSA COUNTY | 72 | 48 | | 22 | 17 | .05 | 4 |
| FLORIDA | 10 4060007 J02 SANTA ROSA COUNTY | 72 | 62 | | 21 | 9 | | |
| FLORIDA | 10 4060008 J02 SANTA ROSA COUNTY | 72 | 62 | | 28 | 18 | | |
| FLORIDA | 10 4060009 J02 SANTA ROSA COUNTY | 72 | 58 | | 15 | 2 | | |
| FLORIDA | 10 4060010 J02 SANTA ROSA COUNTY | 72 | 56 | | 29 | 7 | | |
| MISSISSIPPI | 25 1260002 A01 JACKSON | 72 | 23 | | 12 | 9 | | |
| MISSISSIPPI | 25 1280001 A03 JACKSON COUNTY | 72 | 25 | | 40 | 12 | | |
| 013 CLARK-MOHAVE (ARIZ-NEV) | | | ** PRIORITY 1A ** | | | | AS OF OCTOBER 07, 1973 | |
| ARIZONA | 03 0500006 F02 MOHAVE COUNTY | 72 | 57 | | 2 | 2 | .03 | 2 |
| ARIZONA | 03 0500007 G02 MOHAVE COUNTY | 72 | 40 | | 2 | 2 | | |
| ARIZONA | 03 0500008 G02 MOHAVE COUNTY | 72 | 28 | | 2 | 2 | | |
| 014 FOUR CORNERS (ARIZ-COLO-N.M.-UTAH) | | | ** PRIORITY 1A ** | | | | AS OF OCTOBER 07, 1973 | |
| ARIZONA | 03 0200004 F03 COCONINO COUNTY | 72 | 12 | | 2 | 2 | | |
| ARIZONA | 03 0370001 A03 GRAND CANYON NAT PK | 72 | 10 | | 12 | 10 | | |
| NEW MEXICO | 32 0400001 F01 FARMINGTON | 72 | 7 | | 73 | 26 | | |
| NEW MEXICO | 32 0400002 A01 FARMINGTON | 72 | 11 | | 7 | 5 | | |
| 015 PHOENIX-TUCSON (ARIZ) | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| ARIZONA | 03 0600002 A01 PHOENIX | 72 | 28 | | 43 | 23 | .10 | |
| ARIZONA | 03 0860001 A01 TUCSON | 72 | 22 | | 12 | 12 | | |
| 016 CENTRAL ARKANSAS | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| ARKANSAS | 04 1440001 A01 LITTLE ROCK | 72 | 20 | | 18 | 6 | | |

## Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|
| 017 METROPOLITAN FORT SMITH (ARK-OKLA) | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| OKLAHOMA | 37 0480001 A03 CHEROKEE COUNTY | 72 | 26 | | 13 | 9 | .06 | 4 |
| OKLAHOMA | 37 2480460 F01 POTEAU | 72 | 49 | | 12 | 12 | | |
| 018 METROPOLITAN MEMPHIS (ARK-MISS-TENN) | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| TENNESSEE | 44 2340001 A01 MEMPHIS | 72 | 29 | | 64 | 29 | .14 | 11 |
| TENNESSEE | 44 2340012 G01 MEMPHIS | 72 | 42 | | 34 | 26 | | |
| TENNESSEE | 44 2340018 G01 MEMPHIS | 72 | 25 | | 52 | 36 | | |
| TENNESSEE | 44 3080002 G01 SHELBY COUNTY | 72 | 25 | | 36 | 34 | | |
| 019 MONROE-EL DORADO (ARK-LA) | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| ARKANSAS | 04 0780001 A01 EL DORADO | 72 | 8 | | 15 | 10 | | |
| LOUISIANA | 19 1900001 F01 MONROE | 72 | 52 | | 185 | 72 | .14 | 13 |
| 020 NORTHEAST ARKANSAS | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| KENTUCKY | 19 0800001 A01 COVINGTON | 72 | 28 | | 90 | 71 | .34 | 27 |
| 022 SHREVEPORT-TEXARKANA-TYLER (ARK-LA-OKLA-TEX) | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| LOUISIANA | 19 2740001 A01 SHREVEPORT | 72 | 26 | | 18 | 11 | .06 | 5 |
| LOUISIANA | 19 2740001 F01 SHREVEPORT | 72 | 49 | | 143 | 73 | .15 | 12 |
| OKLAHOMA | 37 1420455 F01 IDABEL | 72 | 60 | | 25 | 25 | .05 | 4 |
| 024 METROPOLITAN LOS ANGELES (CALIF) | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| CALIFORNIA | 05 0230001 A01 ANAHEIM | 72 | 29 | | 39 | 28 | .17 | 13 |
| CALIFORNIA | 05 2940001 A01 GLENDALE | 72 | 25 | | 53 | 35 | .21 | 16 |
| CALIFORNIA | 05 4100001 A01 LONG BEACH | 72 | 21 | | 151 | 116 | | |
| CALIFORNIA | 05 4180001 A01 LOS ANGELES | 72 | 26 | | 52 | 49 | .30 | 24 |
| CALIFORNIA | 05 5760002 A01 PASADENA | 72 | 23 | | 23 | 18 | | |
| CALIFORNIA | 05 6680001 A01 SAN BERNARDINO | 72 | 25 | | 19 | 14 | .07 | 6 |
| CALIFORNIA | 05 7180001 A01 SANTA ANA | 72 | 28 | | 24 | 23 | .11 | 9 |
| CALIFORNIA | 05 8260001 A01 TORRANCE | 72 | 24 | | 55 | 47 | .16 | 13 |
| 028 SACRAMENTO VALLEY (CALIF) | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| CALIFORNIA | 05 6580001 A01 SACRAMENTO | 72 | 18 | | 12 | 9 | | |
| 029 SAN DIEGO (CALIF) | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| CALIFORNIA | 05 6800001 A01 SAN DIEGO | 72 | 26 | | 20 | 14 | .07 | 6 |
| 030 SAN FRANCISCO BAY AREA (CALIF) | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| CALIFORNIA | 05 0740001 A01 BERKELEY | 72 | 27 | | 19 | 18 | .09 | 7 |
| CALIFORNIA | 05 5300001 A01 OAKLAND | 72 | 22 | | 10 | 9 | | |
| CALIFORNIA | 05 6860001 A01 SAN FRANCISCO | 72 | 28 | | 36 | 26 | .08 | 7 |
| CALIFORNIA | 05 6980003 A01 SAN JOSE | 72 | 27 | | 13 | 12 | .07 | 5 |
| 031 SAN JOAQUIN VALLEY (CALIF) | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| CALIFORNIA | 05 2800002 A01 FRESNO | 72 | 19 | | 12 | 10 | | |

## Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEEDING 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 036 METROPOLITAN DENVER (COLO) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| COLORADO | 06 | 0580001 | A01 | DENVER | 72 | 23 | | 26 | 16 | .10 | 6 |
| COLORADO | 06 | 0580002 | A01 | DENVER | 72 | 23 | | 17 | 9 | | |
| 040 YAMPA (COLO) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| FLORIDA | 10 | 1960040 | H01 | JACKSONVILLE | 72 | 25 | | 230 | 230 | | |
| 042 HARTFORD-NEW HAVEN-SPRINGFIELD (CONN-MASS) | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| CONNECTICUT | 07 | 0420001 | A01 | HARTFORD | 72 | 13 | | 51 | 51 | | |
| CONNECTICUT | 07 | 0700001 | A01 | NEW HAVEN | 72 | 28 | | 75 | 68 | .32 | 26 |
| MASSACHUSETTS | 22 | 0400001 | F01 | CHICOPEE | 72 | 123 | | 102 | 91 | .31 | 25 |
| MASSACHUSETTS | 22 | 0400003 | F01 | CHICOPEE | 72 | 125 | | 86 | 86 | .33 | 26 |
| MASSACHUSETTS | 22 | 0780001 | F01 | GREENFIELD | 72 | 121 | | 83 | 60 | .26 | 21 |
| MASSACHUSETTS | 22 | 0860004 | F01 | HOLYOKE | 72 | 125 | | 110 | 99 | .27 | 22 |
| MASSACHUSETTS | 22 | 2160002 | F01 | SPRINGFIELD | 72 | 21 | | 110 | 70 | | |
| MASSACHUSETTS | 22 | 2160003 | F01 | SPRINGFIELD | 72 | 124 | | 138 | 112 | .38 | 30 |
| MASSACHUSETTS | 22 | 2160006 | F01 | SPRINGFIELD | 72 | 120 | | 172 | 102 | .40 | 32 |
| 043 NEW JERSEY-NEW YORK-CONNECTICUT | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| CONNECTICUT | 07 | 0060001 | A01 | BRIDGEPORT | 72 | 29 | | 90 | 83 | .35 | 28 |
| NEW JERSEY | 31 | 1300002 | A01 | ELIZABETH | 72 | 22 | | 94 | 35 | | |
| NEW JERSEY | 31 | 2320001 | A01 | JERSEY CITY | 72 | 27 | | 121 | 109 | | |
| NEW JERSEY | 31 | 3480001 | A01 | NEWARK | 72 | 20 | | 32 | 15 | | |
| NEW JERSEY | 31 | 4140001 | A01 | PATERSON | 72 | 16 | | 61 | 15 | | |
| NEW YORK | 33 | 4100001 | F01 | MAMARONECK | 72 | 22 | | 96 | 83 | | |
| NEW YORK | 33 | 4680001 | A01 | NEW YORK CITY | 72 | 27 | | 123 | 102 | .60 | 48 |
| NEW YORK | 33 | 5520001 | F01 | PORT CHESTER | 72 | 28 | | 130 | 75 | | |
| NEW YORK | 33 | 7320003 | F01 | WESTCHESTER COUNTY | 72 | 28 | | 57 | 52 | | |
| NEW YORK | 33 | 7320005 | F01 | WESTCHESTER COUNTY | 72 | 27 | | 47 | 41 | | |
| NEW YORK | 33 | 7320006 | F01 | WESTCHESTER COUNTY | 72 | 28 | | 41 | 34 | | |
| NEW YORK | 33 | 7480001 | F01 | WHITE PLAINS | 72 | 26 | | 151 | 128 | | |
| 044 NORTHWESTERN CONNECTICUT | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| CONNECTICUT | 07 | 1240001 | A01 | WATERBURY | 72 | 25 | | 33 | 30 | .13 | 10 |
| 045 METROPOLITAN PHILADELPHIA (DEL-N.J.-PA) | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| DELAWARE | 08 | 0140001 | A01 | NEWARK | 72 | 29 | | 20 | 18 | .07 | 6 |
| DELAWARE | 08 | 0260003 | A01 | WILMINGTON | 72 | 30 | | 104 | 96 | .52 | 41 |
| NEW JERSEY | 31 | 0720001 | A01 | CAMDEN | 72 | 23 | | 78 | 54 | | |
| NEW JERSEY | 31 | 0740002 | A01 | CAMDEN COUNTY | 72 | 24 | | 52 | 33 | | |
| NEW JERSEY | 31 | 1700001 | A01 | GLASSBORO | 72 | 29 | | 74 | 54 | .14 | 11 |
| NEW JERSEY | 31 | 5400001 | A01 | TRENTON | 72 | 28 | | 74 | 51 | .18 | 14 |
| PENNSYLVANIA | 39 | 7140001 | A01 | PHILADELPHIA | 72 | 26 | | 139 | 122 | .56 | 45 |
| PENNSYLVANIA | 39 | 7140002 | A01 | PHILADELPHIA | 72 | 14 | | 59 | 59 | | |
| 046 SOUTHERN DELAWARE | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| DELAWARE | 08 | 0060001 | A03 | KENT COUNTY | 72 | 30 | | 37 | 30 | .12 | 9 |

## Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|
| 047 NATIONAL CAPITAL (D.C.-MD-VA) | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| DIST COLUMBIA | 09 | 0020001 | A01 WASHINGTON | 72 | 12 | | 101 | 100 | * | |
| DIST COLUMBIA | 09 | 0020003 | A01 WASHINGTON | 72 | 27 | | 132 | 95 | .50 | 40 |
| MARYLAND | 21 | 0200004 | F01 BETHESDA | 72 | 51 | | 86 | 44 | .14 | 11 |
| MARYLAND | 21 | 0480001 | G01 CHEVERLY MD | 72 | 55 | | 97 | 49 | .27 | 17 |
| MARYLAND | 21 | 0780003 | G01 GAITHERSBURG | 72 | 61 | | 73 | 71 | .26 | 21 |
| MARYLAND | 21 | 1160010 | F01 MONTGOMERY COUNTY | 72 | 57 | | 81 | 42 | .15 | 12 |
| MARYLAND | 21 | 1300001 | G01 PRINCE GEORGE'S COUNTY | 72 | 54 | | 51 | 33 | .08 | 6 |
| MARYLAND | 21 | 1300012 | G01 PRINCE GEORGE'S COUNTY | 72 | 51 | | 90 | 30 | .11 | 9 |
| MARYLAND | 21 | 1300018 | G01 PRINCE GEORGE'S COUNTY | 72 | 43 | | 59 | 43 | .13 | 11 |
| MARYLAND | 21 | 1300019 | G01 PRINCE GEORGE'S COUNTY | 72 | 57 | | 92 | 63 | .24 | 19 |
| MARYLAND | 21 | 1300020 | G01 PRINCE GEORGE'S COUNTY | 72 | 56 | | 92 | 91 | .31 | 24 |
| MARYLAND. | 21 | 1300021 | G01 PRINCE GEORGE'S COUNTY | 72 | 50 | | 75 | 39 | .17 | 14 |
| MARYLAND | 21 | 1380002 | G01 ROCKVILLE | 72 | 59 | | 67 | 46 | .16 | 13 |
| MARYLAND | 21 | 1480003 | F01 SILVER SPRING | 72 | 58 | | 101 | 67 | .23 | 18 |
| MARYLAND | 21 | 1480005 | G01 SILVER SPRING | 72 | 58 | | 88 | 52 | .17 | 14 |
| MARYLAND | 21 | 1480007 | G01 SILVER SPRING | 72 | 55 | | 68 | 51 | .19 | 15 |
| 049 JACKSONVILLE-BRUNSWICK (FLA-GA) | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| FLORIDA | 10 | 1960002 | A01 JACKSONVILLE | 72 | 25 | | 12 | 10 | .06 | 5 |
| FLORIDA | 10 | 1960004 | H01 JACKSONVILLE | 72 | 20 | | 340 | 306 | * | |
| FLORIDA | 10 | 1960017 | H01 JACKSONVILLE | 72 | 20 | | 348 | 311 | * | |
| FLORIDA | 10 | 1960028 | H01 JACKSONVILLE | 72 | 15 | | 238 | 222 | * | |
| FLORIDA | 10 | 1960031 | H01 JACKSONVILLE | 72 | 20 | | 322 | 146 | * | |
| FLORIDA | 10 | 1960032 | H01 JACKSONVILLE | 72 | 21 | 3 | 744 | 605 | * | |
| FLORIDA | 10 | 1960033 | H01 JACKSONVILLE | 72 | 20 | | 110 | 28 | * | |
| FLORIDA | 10 | 1960038 | H01 JACKSONVILLE | 72 | 20 | 5 | 1,378 | 935 | * | |
| FLORIDA | 10 | 1960039 | H01 JACKSONVILLE | 72 | 20 | | 303 | 293 | * | |
| FLORIDA | 10 | 1960045 | H01 JACKSONVILLE | 72 | 20 | | 327 | 301 | | |
| GEORGIA | 11 | 0600001 | F01 BRUNSWICK | 72 | 13 | | 60 | 28 | * | |
| 050 SOUTHEAST FLORIDA | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| FLORIDA | 10 | 2700002 | A01 MIAMI | 72 | 24 | | 12 | 6 | * | |
| 052 WEST CENTRAL FLORIDA | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| FLORIDA | 10 | 1680001 | A03 HARDEE COUNTY | 72 | 29 | | 25 | 7 | .05 | 4 |
| FLORIDA | 10 | 1865001 | G02 HOLMES BEACH | 72 | 23 | | 61 | 42 | * | |
| FLORIDA | 10 | 2540004 | G03 MANATEE COUNTY | 72 | 24 | | 87 | 10 | * | |
| FLORIDA | 10 | 2540005 | G02 MANATEE COUNTY | 72 | 50 | | 90 | 61 | .15 | 12 |
| FLORIDA | 10 | 2540008 | G02 MANATEE COUNTY | 72 | 50 | | 38 | 25 | .07 | 6 |
| FLORIDA | 10 | 2540011 | G02 MANATEE COUNTY | 72 | 24 | | 98 | 53 | * | |
| FLORIDA | 10 | 2540012 | G02 MANATEE COUNTY | 72 | 51 | | 165 | 94 | .25 | 20 |
| FLORIDA | 10 | 2540013 | G02 MANATEE COUNTY | 72 | 49 | | 124 | 68 | .14 | 11 |
| FLORIDA | 10 | 3440001 | G02 PALMETTO | 72 | 23 | | 113 | 35 | * | |
| FLORIDA | 10 | 3980002 | A01 ST PETERSBURG | 72 | 27 | | 74 | 55 | .25 | 20 |
| FLORIDA | 10 | 4360002 | A01 TAMPA | 72 | 27 | | 73 | 58 | .18 | 14 |

## Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCD'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|
| 053 AUGUSTA-AIKEN (GA-S.C.) | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| GEORGIA | 11 | 0220001 | F01 AUGUSTA | 72 | 15 | | 15 | 13 | | |
| SOUTH CAROLINA | 42 | 0060001 | F01 AIKEN | 72 | 41 | | 26 | 16 | | |
| SOUTH CAROLINA | 42 | 0080001 | F01 AIKEN COUNTY | 72 | 42 | | 50 | 47 | | |
| SOUTH CAROLINA | 42 | 1800001 | F01 NORTH AUGUSTA | 72 | 16 | | 44 | 19 | | |
| SOUTH CAROLINA | 42 | 1840001 | F01 ORANGEBURG | 72 | 56 | | 13 | 12 | .04 | 3 |
| 054 CENTRAL GEORGIA | | | | | ** PRIORITY 1 | | | | AS OF OCTOBER 07, 1973 | |
| GEORGIA | 11 | 3340002 | F01 LYONS | 72 | 12 | | 20 | 18 | | |
| GEORGIA | 11 | 3440005 | F01 MACON | 72 | 14 | | 15 | 13 | | |
| 055 CHATTANOOGA (GA-TENN) | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| GEORGIA | 11 | 4380001 | F01 ROME | 72 | 15 | | 23 | 23 | | |
| GEORGIA | 11 | 4400002 | F01 ROSSVILLE | 72 | 15 | | 18 | 13 | | |
| TENNESSEE | 44 | 0380001 | A01 CHATTANOOGA | 72 | 25 | | 92 | 50 | .21 | 17 |
| TENNESSEE | 44 | 0380019 | G01 CHATTANOOGA | 72 | 17 | | 13 | 13 | | |
| TENNESSEE | 44 | 0380020 | G01 CHATTANOOGA | 72 | 121 | | 50 | 45 | | |
| 056 METROPOLITAN ATLANTA (GA) | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| GEORGIA | 11 | 0200001 | A01 ATLANTA | 72 | 28 | | 50 | 48 | .18 | 14 |
| 057 NORTHEAST GEORGIA | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| GEORGIA | 11 | 2280001 | F01 GAINESVILLE | 72 | 14 | | 26 | 18 | | |
| 058 SAVANNAH-BEAUFORT (GA-S.C.) | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| GEORGIA | 11 | 4500001 | A01 SAVANNAH | 72 | 27 | | 49 | 14 | .10 | 8 |
| GEORGIA | 11 | 4500001 | F01 SAVANNAH | 72 | 13 | | 123 | 60 | | |
| SOUTH CAROLINA | 42 | 0340001 | F01 BEAUFORT | 72 | 41 | | 22 | 5 | | |
| SOUTH CAROLINA | 42 | 0360001 | F01 BEAUFORT COUNTY | 72 | 40 | | 2 | 2 | | |
| 059 SOUTHWEST GEORGIA | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| GEORGIA | 11 | 0040002 | F01 ALBANY | 72 | 13 | | 10 | 7 | | |
| GEORGIA | 11 | 5220002 | F01 VALDOSTA | 72 | 15 | | 20 | 18 | | |
| 060 HAWAII | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| HAWAII | 12 | 0040001 | F02 EWA | 72 | 25 | | 57 | 2 | | |
| HAWAII | 12 | 0040002 | F02 EWA | 72 | 90 | | 7 | 2 | | |
| HAWAII | 12 | 0080001 | A05 HAWAII COUNTY | 72 | 14 | | 7 | 5 | | |
| HAWAII | 12 | 0080002 | A05 HAWAII COUNTY | 72 | 24 | | 168 | 10 | | |
| HAWAII | 12 | 0090001 | A03 HAWAII VOLCANOES N P | 72 | 23 | | 71 | 68 | | |
| HAWAII | 12 | 0100001 | F01 HILO | 72 | 46 | | 15 | 12 | | |
| HAWAII | 12 | 0120001 | A01 HONOLULU | 72 | 26 | | 25 | 23 | .16 | 13 |
| HAWAII | 12 | 0120001 | F01 HONOLULU | 72 | 113 | | 35 | 34 | .13 | 10 |
| HAWAII | 12 | 0120004 | F01 HONOLULU | 72 | 123 | | 2 | 2 | .03 | 2 |
| HAWAII | 12 | 0120005 | F01 HONOLULU | 72 | 114 | | 11 | 7 | .03 | 3 |
| HAWAII | 12 | 0160001 | F01 KAHULUI | 72 | 95 | | 234 | 183 | .39 | 31 |
| HAWAII | 12 | 0370001 | F01 PEARL CITY | 72 | 114 | | 6 | 5 | .03 | 3 |

## Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ANNUAL ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 062 EASTERN WASHINGTON-NORTHERN IDAHO (IDAHO-WASHINGTON | | | | | | ** PRIORITY 1A ** | | | | AS OF OCTOBER 07, 1973 | |
| WASHINGTON | 49 | 2040001 | A01 | SPOKANE | 72 | 24 | | 19 | 15 | .09 | 7 |
| 065 BURLINGTON-KEOKUK (ILL-IOWA) | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| ILLINOIS | 14 | 6080001 | A01 | PEORIA | 72 | 27 | | 126 | 82 | .35 | 28 |
| 067 METROPOLITAN CHICAGO (ILL-IND) | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| ILLINOIS | 14 | 0500001 | G01 | BLUE ISLAND | 72 | 83 | | 102 | 95 | * | |
| ILLINOIS | 14 | 0780001 | G01 | CALUMET CITY | 72 | 106 | | 205 | 130 | .28 | 22 |
| ILLINOIS | 14 | 1220001 | A01 | CHICAGO | 72 | 30 | | 233 | 176 | .59 | 47 |
| ILLINOIS | 14 | 1220002 | A01 | CHICAGO | 72 | 28 | | 226 | 145 | .60 | 48 |
| ILLINOIS | 14 | 1220003 | H01 | CHICAGO | 72 | 103 | | 99 | 89 | .33 | 26 |
| ILLINOIS | 14 | 1220004 | H01 | CHICAGO | 72 | 103 | | 128 | 107 | .52 | 42 |
| ILLINOIS | 14 | 1220005 | H01 | CHICAGO | 72 | 102 | | 172 | 170 | .72 | 58 |
| ILLINOIS | 14 | 1220006 | H01 | CHICAGO | 72 | 100 | | 196 | 144 | .53 | 43 |
| ILLINOIS | 14 | 1220007 | H01 | CHICAGO | 72 | 103 | | 112 | 107 | .37 | 29 |
| ILLINOIS | 14 | 1220009 | H01 | CHICAGO | 72 | 88 | | 214 | 144 | .31 | 25 |
| ILLINOIS | 14 | 1220010 | H01 | CHICAGO | 72 | 103 | | 130 | 123 | .45 | 36 |
| ILLINOIS | 14 | 1220011 | H01 | CHICAGO | 72 | 95 | | 117 | 83 | .30 | 24 |
| ILLINOIS | 14 | 1220012 | H01 | CHICAGO | 72 | 95 | | 125 | 125 | .48 | 38 |
| ILLINOIS | 14 | 1220013 | H01 | CHICAGO | 72 | 94 | | 73 | 68 | .33 | 27 |
| ILLINOIS | 14 | 1220015 | H01 | CHICAGO | 72 | 101 | | 191 | 115 | .42 | 34 |
| ILLINOIS | 14 | 1220016 | H01 | CHICAGO | 72 | 104 | | 212 | 172 | .48 | 39 |
| ILLINOIS | 14 | 1220017 | H01 | CHICAGO | 72 | 81 | | 123 | 120 | * | |
| ILLINOIS | 14 | 1220018 | H01 | CHICAGO | 72 | 102 | | 196 | 115 | .45 | 36 |
| ILLINOIS | 14 | 1220019 | H01 | CHICAGO | 72 | 103 | | 172 | 125 | .42 | 33 |
| ILLINOIS | 14 | 1220020 | H01 | CHICAGO | 72 | 102 | | 115 | 107 | .43 | 34 |
| ILLINOIS | 14 | 1220021 | H01 | CHICAGO | 72 | 104 | 1 | 400 | 172 | .55 | 44 |
| ILLINOIS | 14 | 1220022 | H01 | CHICAGO | 72 | 104 | | 141 | 112 | .54 | 43 |
| ILLINOIS | 14 | 1220025 | H01 | CHICAGO | 72 | 104 | | 280 | 120 | .48 | 38 |
| ILLINOIS | 14 | 1220030 | H01 | CHICAGO | 72 | 97 | | 136 | 96 | .36 | 29 |
| ILLINOIS | 14 | 1220031 | H01 | CHICAGO | 72 | 90 | | 120 | 115 | .46 | 37 |
| ILLINOIS | 14 | 1220032 | H01 | CHICAGO | 72 | 103 | | 138 | 112 | .33 | 26 |
| ILLINOIS | 14 | 1240001 | G01 | CHICAGO HEIGHTS | 72 | 107 | | 254 | 132 | .40 | 32 |
| ILLINOIS | 14 | 1340001 | G01 | CICERO | 72 | 107 | | 231 | 156 | .32 | 26 |
| ILLINOIS | 14 | 1540001 | G01 | COOK COUNTY | 72 | 107 | | 156 | 138 | .18 | 14 |
| ILLINOIS | 14 | 3180001 | G01 | HARVEY | 72 | 106 | | 106 | 101 | .20 | 16 |
| ILLINOIS | 14 | 3420001 | G01 | HILLSIDE | 72 | 106 | | 185 | 142 | .25 | 20 |
| ILLINOIS | 14 | 4960001 | G01 | MAYWOOD | 72 | 106 | | 106 | 69 | .18 | 15 |
| ILLINOIS | 14 | 5740001 | G01 | OAK PARK | 72 | 105 | | 151 | 102 | .43 | 34 |
| ILLINOIS | 14 | 6000001 | G01 | PARK FOREST | 72 | 105 | | 100 | 99 | .13 | 10 |
| ILLINOIS | 14 | 8360001 | G01 | WILMETTE | 72 | 104 | | 66 | 57 | .10 | 8 |
| INDIANA | 15 | 0680001 | F02 | CHESTERTON | 72 | 25 | | 29 | 25 | * | |
| INDIANA | 15 | 1180001 | A01 | EAST CHICAGO | 72 | 27 | | 195 | 158 | .73 | 58 |
| INDIANA | 15 | 1180001 | F02 | EAST CHICAGO | 72 | 45 | | 115 | 65 | * | |
| INDIANA | 15 | 1180003 | F02 | EAST CHICAGO | 72 | 41 | | 288 | 183 | * | |
| INDIANA | 15 | 1180004 | F02 | EAST CHICAGO | 72 | 43 | | 146 | 73 | * | |

## Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ANNUAL ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|
| INDIANA | 15 | 1180006 | F02 EAST CHICAGO | 72 | 45 | | 248 | 212 | - | |
| INDIANA | 15 | 1180007 | F02 EAST CHICAGO | 72 | 45 | | 332 | 191 | - | |
| INDIANA | 15 | 1520001 | A01 GARY | 72 | 25 | | 119 | 95 | .47 | 38 |
| INDIANA | 15 | 1520001 | F01 GARY | 72 | 55 | 1 | 366 | 206 | - | |
| INDIANA | 15 | 1520002 | F01 GARY | 72 | 81 | | 222 | 138 | - | |
| INDIANA | 15 | 1520003 | F01 GARY | 72 | 79 | | 314 | 282 | - | |
| INDIANA | 15 | 1520004 | F01 GARY | 72 | 79 | 1 | 372 | 264 | - | |
| INDIANA | 15 | 1520005 | F01 GARY | 72 | 80 | | 309 | 188 | - | |
| INDIANA | 15 | 1520008 | F01 GARY | 72 | 78 | | 191 | 115 | - | |
| INDIANA | 15 | 1520009 | F01 GARY | 72 | 80 | | 191 | 157 | - | |
| INDIANA | 15 | 1520010 | F01 GARY | 72 | 14 | | 125 | 52 | - | |
| INDIANA | 15 | 1520013 | F02 GARY | 72 | 54 | 1 | 440 | 115 | - | |
| INDIANA | 15 | 1780001 | A01 HAMMOND | 72 | 27 | | 235 | 197 | .70 | 56 |
| INDIANA | 15 | 1780001 | F01 HAMMOND | 72 | 42 | | 214 | 206 | - | |
| INDIANA | 15 | 1780002 | F01 HAMMOND | 72 | 51 | | 204 | 175 | - | |
| INDIANA | 15 | 1780004 | F01 HAMMOND | 72 | 52 | 1 | 592 | 293 | - | |
| INDIANA | 15 | 1780005 | F02 HAMMOND | 72 | 49 | | 238 | 117 | - | |
| INDIANA | 15 | 1780006 | H01 HAMMOND | 72 | 36 | | 327 | 327 | - | |
| INDIANA | 15 | 1780007 | H01 HAMMOND | 72 | 36 | | 172 | 138 | - | |
| INDIANA | 15 | 3420007 | F02 PORTER COUNTY | 72 | 24 | | 113 | 59 | - | |
| INDIANA | 15 | 3420009 | F02 PORTER COUNTY | 72 | 15 | | 25 | 13 | | |
| INDIANA | 15 | 4200002 | F02 VALPARAISO | 72 | 23 | | 42 | 37 | - | |
| 068 METROPOLITAN DUBUQUE (ILL-IOWA-WISC) | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| IOWA | 16 | 1260003 | A01 DUBUQUE | 72 | 27 | | 78 | 70 | .16 | 12 |
| 070 METROPOLITAN ST. LOUIS (ILL-MO) | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| MISSOURI | 26 | 4280001 | A01 ST LOUIS | 72 | 23 | | 67 | 46 | - | |
| MISSOURI | 26 | 4280002 | A01 ST LOUIS | 72 | 29 | | 162 | 119 | .35 | 28 |
| 072 PADUCAH-CAIRO (ILL-KY) | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| KENTUCKY | 18 | 0100002 | F01 BALLARD COUNTY | 72 | 48 | | 70 | 30 | .10 | 8 |
| KENTUCKY | 18 | 0100003 | F01 BALLARD COUNTY | 72 | 48 | | 223 | 169 | .32 | 26 |
| KENTUCKY | 18 | 0560001 | F01 CARLISLE COUNTY | 72 | 48 | | 66 | 36 | .09 | 7 |
| KENTUCKY | 18 | 1860002 | F01 HOPKINSVILLE | 72 | 15 | | 27 | 8 | - | |
| KENTUCKY | 18 | 2320001 | F01 LIVINGSTON COUNTY | 72 | 48 | | 24 | 18 | - | |
| KENTUCKY | 18 | 2460001 | F02 MCCRACKEN COUNTY | 72 | 50 | | 125 | 65 | .15 | 12 |
| KENTUCKY | 18 | 2600002 | F01 MARSHALL COUNTY | 72 | 48 | | 59 | 41 | .16 | 13 |
| KENTUCKY | 18 | 2600008 | F01 MARSHALL COUNTY | 72 | 44 | | 43 | 37 | .15 | 12 |
| KENTUCKY | 18 | 2600009 | F01 MARSHALL COUNTY | 72 | 30 | | 31 | 9 | - | |
| KENTUCKY | 18 | 2980001 | F01 MURRAY KY | 72 | 44 | | 29 | 13 | - | |
| KENTUCKY | 18 | 3180001 | F01 PADUCAH | 72 | 45 | | 53 | 51 | .17 | 14 |
| KENTUCKY | 18 | 3180002 | F01 PADUCAH | 72 | 47 | | 53 | 43 | .12 | 9 |
| KENTUCKY | 18 | 3180003 | F01 PADUCAH | 72 | 45 | | 53 | 31 | .09 | 7 |
| KENTUCKY | 18 | 3180004 | F01 PADUCAH | 72 | 43 | | 78 | 69 | .18 | 14 |
| KENTUCKY | 18 | 3180005 | F03 PADUCAH | 72 | 33 | | 49 | 34 | - | |
| KENTUCKY | 18 | 3190019 | F01 PADUCAH | 72 | 39 | | 68 | 36 | - | |

## Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 073 ROCKFORD-JANESVILLE-BELOIT (ILL-WISC) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| ILLINOIS | 14 | 6680001 | A01 | ROCKFORD | 72 | 20 | | 23 | 23 | | |
| 075 WEST CENTRAL ILLINOIS | | | | | | ** PRIORITY 1A ** | | | | AS OF OCTOBER 07, 1973 | |
| NORTH CAROLINA | 34 | 0340006 | G02 | BESSEMER CITY | 72 | 15 | | 84 | 23 | | |
| 077 EVANSVILLE-OWENSBORO-HENDERSON (IND-KY) | | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| INDIANA | 15 | 1300001 | A01 | EVANSVILLE | 72 | 26 | | 97 | 94 | .30 | 24 |
| KENTUCKY | 18 | 1580002 | F01 | HANCOCK COUNTY | 72 | 47 | | 104 | 71 | | |
| KENTUCKY | 18 | 1580004 | F01 | HANCOCK COUNTY | 72 | 15 | | 74 | 54 | | |
| KENTUCKY | 18 | 1740002 | F01 | HENDERSON | 72 | 60 | 3 | 529 | 459 | .85 | 68 |
| KENTUCKY | 18 | 1740003 | F01 | HENDERSON | 72 | 59 | | 282 | 133 | .25 | 20 |
| KENTUCKY | 18 | 1740004 | F01 | HENDERSON | 72 | 60 | | 180 | 152 | .38 | 30 |
| KENTUCKY | 18 | 1740005 | F01 | HENDERSON | 72 | 59 | | 115 | 97 | .29 | 23 |
| KENTUCKY | 18 | 1740006 | F01 | HENDERSON | 72 | 55 | | 89 | 85 | .35 | 28 |
| KENTUCKY | 18 | 3140001 | F01 | OWENSBORO | 72 | 60 | | 197 | 190 | .51 | 41 |
| KENTUCKY | 18 | 3140002 | F01 | OWENSBORO | 72 | 56 | | 238 | 164 | .41 | 33 |
| KENTUCKY | 18 | 3140003 | F01 | OWENSBORO | 72 | 55 | | 181 | 99 | .32 | 25 |
| KENTUCKY | 18 | 3140005 | F01 | OWENSBORO | 72 | 59 | | 140 | 69 | .29 | 23 |
| KENTUCKY | 18 | 3140006 | F01 | OWENSBORO | 72 | 57 | | 188 | 125 | .35 | 28 |
| 078 LOUISVILLE (IND-KY) | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| INDIANA | 15 | 2980002 | A01 | NEW ALBANY | 72 | 27 | | 11 | 8 | .05 | 4 |
| KENTUCKY | 18 | 1920013 | G01 | JEFFERSON COUNTY | 72 | 19 | | 133 | 74 | | |
| KENTUCKY | 18 | 1920023 | G01 | JEFFERSON COUNTY | 72 | 16 | | 77 | 32 | | |
| KENTUCKY | 18 | 1920024 | G01 | JEFFERSON COUNTY | 72 | 12 | | 86 | 64 | | |
| KENTUCKY | 18 | 1920025 | G01 | JEFFERSON COUNTY | 72 | 15 | | 2 | 2 | | |
| KENTUCKY | 18 | 2380002 | A01 | LOUISVILLE | 72 | 20 | | 106 | 103 | | |
| KENTUCKY | 18 | 2380008 | G01 | LOUISVILLE | 72 | 19 | | 212 | 188 | | |
| KENTUCKY | 18 | 2380009 | G01 | LOUISVILLE | 72 | 20 | | 215 | 145 | | |
| KENTUCKY | 18 | 2380011 | G01 | LOUISVILLE | 72 | 20 | | 76 | 50 | | |
| KENTUCKY | 18 | 2380012 | G01 | LOUISVILLE | 72 | 36 | | 2 | 2 | | |
| KENTUCKY | 18 | 2380013 | G01 | LOUISVILLE | 72 | 19 | | 177 | 142 | | |
| KENTUCKY | 18 | 2380014 | G01 | LOUISVILLE | 72 | 15 | | 25 | 25 | | |
| KENTUCKY | 18 | 2380015 | G01 | LOUISVILLE | 72 | 21 | | 156 | 128 | | |
| KENTUCKY | 18 | 3090001 | G01 | OKOLONA | 72 | 15 | | 25 | 25 | | |
| KENTUCKY | 18 | 3360001 | G01 | PLEASURE RIDGE PARK | 72 | 21 | | 94 | 43 | | |
| KENTUCKY | 18 | 3620001 | G01 | ST. MATTHEWS | 72 | 36 | | 2 | 2 | | |
| KENTUCKY | 18 | 3720002 | G01 | SHIVELY | 72 | 15 | | 25 | 25 | | |
| 079 METROPOLITAN CINCINNATI (IND-KY-OHIO) | | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| KENTUCKY | 18 | 0280002 | F01 | BOONE COUNTY | 72 | 61 | | 133 | 107 | .25 | 20 |
| KENTUCKY | 18 | 0580001 | F03 | CARROLL COUNTY | 72 | 59 | | 59 | 58 | .23 | 19 |
| KENTUCKY | 18 | 0600001 | F01 | CARROLLTON | 72 | 59 | | 81 | 63 | .25 | 20 |
| KENTUCKY | 18 | 1140001 | F01 | FALMOUTH | 72 | 11 | | 52 | 38 | | |
| KENTUCKY | 18 | 1220001 | F01 | FLORENCE | 72 | 58 | | 131 | 63 | .28 | 23 |
| KENTUCKY | 18 | 1380001 | F03 | GALLATIN COUNTY | 72 | 45 | | 65 | 44 | | |
| KENTUCKY | 18 | 3020001 | F01 | NEWPORT | 72 | 60 | | 57 | 57 | .19 | 15 |

# Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ANNUAL ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|
| KENTUCKY | 18 | 3120001 | F01 OWEN COUNTY | 72 | 10 | | 80 | 49 | | |
| OHIO | 36 | 1220001 | A01 CINCINNATI | 72 | 29 | | 119 | 82 | .29 | 23 |
| OHIO | 36 | 1220003 | A01 CINCINNATI | 72 | 28 | | 93 | 87 | .24 | 19 |
| OHIO | 36 | 1220018 | H01 CINCINNATI | 72 | 26 | | 61 | 45 | | |
| OHIO | 36 | 2165001 | H01 FOREST PARK | 72 | 25 | | 42 | 35 | | |
| OHIO | 36 | 2200002 | H01 FRANKLIN | 72 | 31 | | 41 | 34 | | |
| OHIO | 36 | 2700002 | H01 HAMILTON | 72 | 30 | | 24 | 23 | | |
| OHIO | 36 | 2720001 | H01 HAMILTON COUNTY | 72 | 30 | | 91 | 51 | | |
| OHIO | 36 | 2720003 | H01 HAMILTON COUNTY | 72 | 21 | | 81 | 63 | | |
| OHIO | 36 | 3400001 | H01 LEBANON | 72 | 28 | | 54 | 26 | | |
| OHIO | 36 | 3780001 | H01 MADEIRA | 72 | 31 | | 62 | 44 | | |
| OHIO | 36 | 4340001 | H01 MIDDLETOWN | 72 | 15 | | 45 | 31 | | |
| OHIO | 36 | 5300001 | H01 OXFORD | 72 | 31 | | 30 | 25 | | |
| OHIO | 36 | 5880001 | H01 ST BERNARD | 72 | 31 | | 44 | 42 | | |
| 080 METROPOLITAN INDIANAPOLIS (IND) | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| INDIANA | 15 | 2040001 | A01 INDIANAPOLIS | 72 | 23 | | 106 | 34 | .22 | 18 |
| INDIANA | 15 | 2040001 | F01 INDIANAPOLIS | 72 | 22 | 1 | 534 | 86 | | |
| INDIANA | 15 | 2040001 | H01 INDIANAPOLIS IND | 72 | 15 | | 147 | 140 | | |
| INDIANA | 15 | 2040002 | F01 INDIANAPOLIS | 72 | 24 | | 128 | 97 | | |
| INDIANA | 15 | 2040002 | H01 INDIANAPOLIS IND | 72 | 18 | | 123 | 74 | | |
| INDIANA | 15 | 2040003 | F01 INDIANAPOLIS | 72 | 25 | | 95 | 75 | | |
| INDIANA | 15 | 2040003 | H01 INDIANAPOLIS IND | 72 | 20 | | 155 | 102 | | |
| INDIANA | 15 | 2040006 | F01 INDIANAPOLIS | 72 | 22 | | 64 | 62 | | |
| INDIANA | 15 | 2040006 | H01 INDIANAPOLIS IND | 72 | 18 | | 238 | 138 | | |
| INDIANA | 15 | 2040008 | F01 INDIANAPOLIS | 72 | 24 | | 35 | 35 | | |
| INDIANA | 15 | 2040008 | H01 INDIANAPOLIS IND | 72 | 20 | | 103 | 75 | | |
| INDIANA | 15 | 2040009 | F01 INDIANAPOLIS | 72 | 29 | | 106 | 80 | | |
| INDIANA | 15 | 2040009 | H01 INDIANAPOLIS IND | 72 | 15 | | 118 | 72 | | |
| INDIANA | 15 | 2040013 | F01 INDIANAPOLIS | 72 | 24 | | 49 | 39 | | |
| INDIANA | 15 | 2040013 | H01 INDIANAPOLIS IND | 72 | 19 | | 69 | 22 | | |
| INDIANA | 15 | 2040015 | F01 INDIANAPOLIS | 72 | 25 | | 156 | 137 | | |
| INDIANA | 15 | 2040015 | H01 INDIANAPOLIS IND | 72 | 20 | | 101 | 31 | | |
| INDIANA | 15 | 2040021 | F01 INDIANAPOLIS | 72 | 37 | 1 | 550 | 178 | | |
| INDIANA | 15 | 2040025 | F01 INDIANAPOLIS | 72 | 44 | | 230 | 135 | | |
| INDIANA | 15 | 2040026 | F01 INDIANAPOLIS | 72 | 40 | | 58 | 54 | | |
| 081 NORTHEAST INDIANA | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| INDIANA | 15 | 1380002 | A01 FT. WAYNE | 72 | 28 | | 56 | 23 | .15 | 12 |
| 082 SOUTH BEND-ELKHART-BENTON HARBOR (IND.-MICH) | | | | | ** PRIORITY 1A ** | | | | AS OF OCTOBER 07, 1973 | |
| INDIANA | 15 | 2740001 | F01 MICHIGAN CITY | 72 | 40 | 1 | 377 | 264 | | |
| INDIANA | 15 | 2740002 | F01 MICHIGAN CITY | 72 | 24 | 1 | 445 | 248 | | |
| INDIANA | 15 | 2740002 | F02 MICHIGAN CITY | 72 | 16 | | 296 | 81 | | |
| INDIANA | 15 | 2740003 | F01 MICHIGAN CITY | 72 | 16 | | 154 | 70 | | |
| INDIANA | 15 | 2740003 | F02 MICHIGAN CITY | 72 | 20 | | 89 | 62 | | |
| INDIANA | 15 | 3880002 | A01 SOUTH BEND | 72 | 26 | | 152 | 66 | .28 | 22 |
| MICHIGAN | 23 | 0460001 | F01 BENTON HARBOR | 72 | 58 | | 120 | 80 | .16 | 12 |

## Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 083 SOUTHERN INDIANA | | | | | ** PRIORITY 1A ** | | | | | AS OF OCTOBER 07, 1973 | |
| INDIANA | 15 | 2800001 | A03 MONROE COUNTY | 72 | 23 | | | 71 | 23 | | |
| 085 METROPOLITAN OMAHA-COUNCIL BLUFFS (IOWA-NEB) | | | | | ** PRIORITY 2 ** | | | | | AS OF OCTOBER 07, 1973 | |
| NEBRASKA | 28 | 1880001 | A01 OMAHA | 72 | 30 | | | 30 | 21 | .12 | 9 |
| 092 SOUTH CENTRAL IOWA | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 07, 1973 | |
| IOWA | 16 | 1180001 | A01 DES MOINES | 72 | 29 | | | 28 | 24 | .09 | 7 |
| 094 METROPOLITAN KANSAS CITY (KAN-MO) | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 07, 1973 | |
| KANSAS | 17 | 1800002 | A01 KANSAS CITY | 72 | 27 | | | 38 | 37 | .12 | 9 |
| KANSAS | 17 | 1300002 | G01 KANSAS CITY | 72 | 59 | | | 60 | 37 | .09 | 7 |
| KANSAS | 17 | 1800004 | G01 KANSAS CITY | 72 | 58 | | | 69 | 60 | .09 | 7 |
| KANSAS | 17 | 1800009 | G01 KANSAS CITY KANSAS | 72 | 59 | | | 74 | 61 | .11 | 9 |
| KANSAS | 17 | 1980001 | F01 LEAVENWORTH | 72 | 55 | | | 247 | 45 | .13 | 10 |
| KANSAS | 17 | 2660001 | F01 OLATHE | 72 | 10 | | | 20 | 20 | * | |
| KANSAS | 17 | 2780001 | F01 OVERLAND PARK | 72 | 47 | | 1 | 385 | 17 | * | |
| 095 NORTHEAST KANSAS | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 07, 1973 | |
| KANSAS | 17 | 0120001 | F01 ATCHISON | 72 | 19 | | | 7 | 2 | * | |
| KANSAS | 17 | 1960001 | F01 LAWRENCE | 72 | 57 | | | 74 | 30 | .08 | 6 |
| KANSAS | 17 | 3380001 | F01 SHAWNEE COUNTY | 72 | 14 | | | 17 | 16 | * | |
| KANSAS | 17 | 3560001 | A01 TOPEKA | 72 | 25 | | | 20 | 12 | .06 | 5 |
| KANSAS | 17 | 3560004 | F01 TOPEKA | 72 | 15 | | | 10 | 10 | * | |
| KANSAS | 17 | 3560005 | F01 TOPEKA | 72 | 14 | | | 13 | 12 | * | |
| KANSAS | 17 | 3560006 | F01 TOPEKA | 72 | 14 | | | 12 | 11 | * | |
| 096 NORTH CENTRAL KANSAS | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 07, 1973 | |
| KANSAS | 17 | 2180001 | F01 MCPHERSON | 72 | 38 | | 1 | 786 | 19 | * | |
| 097 NORTHWEST KANSAS | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 07, 1973 | |
| KANSAS | 17 | 1240001 | F01 GOODLAND | 72 | 15 | | | 9 | 7 | * | |
| KANSAS | 17 | 1280001 | F01 GRAHAM COUNTY | 72 | 12 | | | 2 | 2 | * | |
| 098 SOUTHEAST KANSAS | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 07, 1973 | |
| KANSAS | 17 | 0600001 | F01 COFFEYVILLE | 72 | 18 | | | 78 | 8 | * | |
| KANSAS | 17 | 1160001 | F01 GALENA | 72 | 22 | | 1 | 411 | 13 | * | |
| KANSAS | 17 | 2100001 | F01 LINN COUNTY | 72 | 29 | | | 7 | 7 | * | |
| 099 SOUTH CENTRAL KANSAS | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 07, 1973 | |
| KANSAS | 17 | 0100001 | F01 ARKANSAS CITY | 72 | 19 | | | 31 | 26 | * | |
| KANSAS | 17 | 0900001 | F01 EL DORADO | 72 | 34 | | | 12 | 8 | * | |
| KANSAS | 17 | 1640001 | F01 HUTCHINSON | 72 | 22 | | | 7 | 7 | * | |
| KANSAS | 17 | 3740001 | A01 WICHITA | 72 | 23 | | | 12 | 7 | * | |
| KANSAS | 17 | 3740004 | F01 WICHITA | 72 | 27 | | | 22 | 12 | * | |
| KANSAS | 17 | 3740005 | F01 WICHITA | 72 | 45 | | | 10 | 9 | .04 | 3 |

## Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ANNUAL ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100 SOUTHWEST KANSAS | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| KANSAS | 17 | 0800001 | F01 | DODGE CITY | 72 | 41 | | 223 | 13 | - | |
| KANSAS | 17 | 3600001 | F01 | ULYSSES | 72 | 8 | | 10 | 9 | - | |
| 101 APPALACHIAN (KY) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| KENTUCKY | 18 | 3320001 | F01 | PIKEVILLE | 72 | 16 | | 36 | 24 | - | |
| KENTUCKY | 18 | 3400001 | F01 | PRESTONSBURG | 72 | 15 | | 22 | 18 | - | |
| 102 BLUEGRASS (KY) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| KENTUCKY | 18 | 1280002 | F01 | FRANKFORT | 72 | 9 | | 71 | 45 | - | |
| KENTUCKY | 18 | 1320001 | F03 | FRANKLIN COUNTY | 72 | 22 | | 30 | 29 | - | |
| KENTUCKY | 18 | 2300001 | A01 | LEXINGTON | 72 | 23 | | 44 | 38 | .12 | 9 |
| KENTUCKY | 18 | 2300003 | F01 | LEXINGTON | 72 | 55 | | 74 | 43 | .18 | 14 |
| 103 HUNTINGTON-ASHLAND-PORTSMOUTH-IRONTON (KY-OH-W.VA) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| KENTUCKY | 18 | 0080003 | F01 | ASHLAND | 72 | 56 | | 100 | 81 | .24 | 19 |
| KENTUCKY | 18 | 0080005 | F01 | ASHLAND | 72 | 59 | | 144 | 103 | .27 | 21 |
| KENTUCKY | 18 | 0080006 | F01 | ASHLAND | 72 | 28 | | 93 | 87 | - | |
| KENTUCKY | 18 | 0080007 | F01 | ASHLAND | 72 | 64 | | 122 | 60 | .18 | 15 |
| KENTUCKY | 18 | 0660001 | F01 | CATLETTSBURG | 72 | 58 | | 110 | 73 | .30 | 24 |
| KENTUCKY | 18 | 1540001 | F01 | GREENUP COUNTY | 72 | 58 | | 149 | 95 | .29 | 23 |
| KENTUCKY | 18 | 2680003 | F02 | MAYSVILLE | 72 | 46 | | 117 | 97 | - | |
| KENTUCKY | 18 | 2680004 | F01 | MAYSVILLE | 72 | 59 | | 117 | 51 | .20 | 16 |
| KENTUCKY | 18 | 2880001 | F01 | MOREHEAD | 72 | 39 | | 87 | 30 | - | |
| 104 NORTH CENTRAL KENTUCKY | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| KENTUCKY | 18 | 1040002 | F01 | ELIZABETHTOWN | 72 | 51 | | 32 | 17 | .07 | 5 |
| 105 SOUTH CENTRAL KENTUCKY | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| KENTUCKY | 18 | 0320001 | A01 | BOWLING GREEN | 72 | 19 | | 76 | 20 | - | |
| KENTUCKY | 18 | 0320004 | F01 | BOWLING GREEN | 72 | 50 | | 117 | 51 | .18 | 14 |
| 106 SOUTHERN LOUISIANA-SOUTHEAST TEXAS (LOUISIANA-TEXA | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| LOUISIANA | 19 | 0080001 | F01 | ALEXANDRIA | 72 | 53 | | 125 | 51 | .13 | 10 |
| LOUISIANA | 19 | 0280001 | A01 | BATON ROUGE | 72 | 28 | | 91 | 43 | .15 | 12 |
| LOUISIANA | 19 | 0280003 | F01 | BATON ROUGE | 72 | 18 | | 33 | 31 | - | |
| LOUISIANA | 19 | 0820001 | F01 | DONALDSONVILLE | 72 | 51 | | 168 | 109 | .23 | 18 |
| LOUISIANA | 19 | 1190001 | F01 | HARVEY | 72 | 53 | | 51 | 33 | .15 | 12 |
| LOUISIANA | 19 | 1280001 | A03 | IBERVILLE PARISH | 72 | 26 | | 17 | 17 | .08 | 6 |
| LOUISIANA | 19 | 1280002 | F01 | IBERVILLE PARISH | 72 | 21 | | 28 | 20 | - | |
| LOUISIANA | 19 | 1500001 | F01 | LAFAYETTE | 72 | 45 | | 174 | 49 | - | |
| LOUISIANA | 19 | 1600001 | F01 | LAKE CHARLES | 72 | 53 | | 174 | 109 | .15 | 12 |
| LOUISIANA | 19 | 1600002 | F01 | LAKE CHARLES | 72 | 47 | | 45 | 41 | .10 | 8 |
| LOUISIANA | 19 | 1870002 | F01 | METAIRIE | 72 | 37 | | 139 | 83 | - | |
| LOUISIANA | 19 | 2020002 | A01 | NEW ORLEANS | 72 | 27 | | 12 | 8 | .05 | 4 |
| LOUISIANA | 19 | 2020002 | F01 | NEW ORLEANS | 72 | 55 | | 117 | 78 | .19 | 15 |
| LOUISIANA | 19 | 3180002 | F01 | WESTLAKE | 72 | 55 | | 104 | 61 | .12 | 9 |
| TEXAS | 45 | 0330001 | A01 | BEAUMONT | 72 | 25 | | 52 | 29 | .09 | 7 |

## Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ANNUAL ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 107 ANDROSCOGGIN VALLEY (ME-N.H.) | | | | | | ** PRIORITY 1A ** | | | | AS OF OCTOBER 07, 1973 | |
| NEW HAMPSHIRE | 30 | 0140001 | A03 | COOS COUNTY | 72 | 22 | | 16 | 13 | - | |
| 109 DOWN EAST (ME) | | | | | | ** PRIORITY 1A ** | | | | AS OF OCTOBER 07, 1973 | |
| MAINE | 20 | 0010001 | A03 | ACADIA NATIONAL PARK | 72 | 26 | | 12 | 12 | .07 | 6 |
| 110 METROPOLITAN PORTLAND (ME) | | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| MAINE | 20 | 0160001 | F01 | BIDDEFORD | 72 | 7 | | 47 | 35 | * | |
| MAINE | 20 | 0960005 | F01 | PORTLAND | 72 | 43 | | 33 | 30 | .10 | 8 |
| MAINE | 20 | 0960006 | F01 | PORTLAND | 72 | 29 | | 72 | 72 | * | |
| MAINE | 20 | 1140001 | F01 | SOUTH PORTLAND | 72 | 21 | | 21 | 12 | * | |
| MAINE | 20 | 1140002 | F01 | SOUTH PORTLAND | 72 | 20 | | 77 | 69 | * | |
| 112 CENTRAL MARYLAND | | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| MARYLAND | 21 | 0720001 | F01 | FREDERICK | 72 | 54 | | 95 | 88 | .29 | 23 |
| MARYLAND | 21 | 0720003 | G01 | FREDERICK | 72 | 49 | | 75 | 55 | .23 | 19 |
| MARYLAND | 21 | 0720004 | G01 | FREDERICK | 72 | 51 | | 83 | 39 | .17 | 14 |
| MARYLAND | 21 | 0740021 | F01 | FREDERICK COUNTY | 72 | 42 | | 84 | 41 | * | |
| MARYLAND | 21 | 0740022 | G01 | FREDERICK COUNTY | 72 | 37 | | 50 | 27 | - | |
| MARYLAND | 21 | 0740023 | G01 | FREDERICK COUNTY | 72 | 15 | | 13 | 10 | * | |
| 113 CUMBERLAND-KEYSER (MD-W. VA.) | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| MARYLAND | 21 | 0040002 | G01 | ALLEGANY COUNTY | 72 | 25 | | 57 | 52 | * | |
| MARYLAND | 21 | 0560001 | G01 | CUMBERLAND | 72 | 47 | | 97 | 73 | .25 | 20 |
| MARYLAND | 21 | 0800003 | F03 | GARRETT COUNTY | 72 | 17 | | 46 | 29 | * | |
| MARYLAND | 21 | 0860002 | F01 | HAGERSTOWN | 72 | 42 | | 150 | 81 | - | |
| MARYLAND | 21 | 1700003 | F01 | WESTERNPORT | 72 | 24 | | 138 | 106 | * | |
| 114 EASTERN SHORE (MD) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| MARYLAND | 21 | 0300001 | F01 | CAMBRIDGE | 72 | 53 | | 74 | 35 | .16 | 13 |
| MARYLAND | 21 | 0660001 | F01 | ELKTON | 72 | 58 | | 176 | 70 | .24 | 19 |
| MARYLAND | 21 | 1420002 | F01 | SALISBURY | 72 | 52 | | 59 | 33 | .12 | 9 |
| MARYLAND | 21 | 1740001 | F03 | WICOMOCO COUNTY | 72 | 15 | | 21 | 14 | * | |
| 115 METROPOLITAN BALTIMORE (MD) | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| MARYLAND | 21 | 0080002 | G01 | ANNE ARUNDEL COUNTY | 72 | 57 | | 84 | 73 | .22 | 18 |
| MARYLAND | 21 | 0080006 | G01 | ANNE ARUNDEL COUNTY | 72 | 53 | | 106 | 100 | .23 | 19 |
| MARYLAND | 21 | 0080008 | G01 | ANNE ARUNDEL COUNTY | 72 | 30 | | 36 | 26 | * | |
| MARYLAND | 21 | 0120001 | A01 | BALTIMORE | 72 | 28 | | 125 | 110 | .60 | 48 |
| MARYLAND | 21 | 0120015 | F01 | BALTIMORE | 72 | 46 | | 128 | 77 | .28 | 22 |
| MARYLAND | 21 | 0120016 | F01 | BALTIMORE | 72 | 54 | | 40 | 33 | .08 | 6 |
| MARYLAND | 21 | 0120020 | K05 | BALTIMORE | 72 | 46 | | 121 | 118 | .45 | 36 |
| MARYLAND | 21 | 0120021 | G01 | BALTIMORE | 72 | 45 | | 26 | 14 | .05 | 4 |
| MARYLAND | 21 | 0140004 | G01 | BALTIMORE COUNTY | 72 | 51 | | 83 | 69 | .30 | 24 |
| MARYLAND | 21 | 0180001 | F01 | BEL AIR | 72 | 53 | | 64 | 61 | .18 | 14 |
| MARYLAND | 21 | 0500001 | G01 | COCKEYSVILLE | 72 | 44 | | 143 | 35 | .14 | 11 |
| MARYLAND | 21 | 0620001 | F01 | DUNDALK | 72 | 52 | | 86 | 82 | .38 | 31 |

## Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ANNUAL ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MARYLAND | 21 | 0920002 | F01 | HARFORD COUNTY | 72 | 50 | | 23 | 21 | .06 | 4 |
| MARYLAND | 21 | 0960001 | F01 | HOWARD COUNTY | 72 | 9 | | 71 | 68 | " | |
| MARYLAND | 21 | 0960003 | F01 | HOWARD COUNTY | 72 | 53 | | 78 | 53 | .12 | 9 |
| MARYLAND | 21 | 1040001 | F01 | LANSDOWNE | 72 | 52 | | 156 | 81 | .31 | 25 |
| MARYLAND | 21 | 1720002 | F01 | WESTMINSTER | 72 | 44 | | 50 | 49 | .13 | 10 |
| 116 SOUTHERN MARYLAND | | | | | | ** PRIORITY 3 ** | | | AS OF OCTOBER 07, 1973 | | |
| MARYLAND | 21 | 0280001 | A03 | CALVERT COUNTY | 72 | 25 | | 21 | 13 | " | |
| MARYLAND | 21 | 0280002 | F01 | CALVERT COUNTY | 72 | 54 | | 87 | 43 | .16 | 13 |
| MARYLAND | 21 | 0440001 | F01 | CHARLES COUNTY | 72 | 42 | | 38 | 38 | " | |
| 117 BERKSHIRE (MASS) | | | | | | ** PRIORITY 3 ** | | | AS OF OCTOBER 07, 1973 | | |
| MASSACHUSETTS | 22 | 0020001 | F01 | ADAMS | 72 | 125 | | 39 | 36 | .11 | 8 |
| MASSACHUSETTS | 22 | 1020001 | F01 | LEE | 72 | 124 | | 23 | 23 | .08 | 6 |
| MASSACHUSETTS | 22 | 1580001 | F01 | NORTH ADAMS | 72 | 125 | | 83 | 73 | .20 | 16 |
| MASSACHUSETTS | 22 | 1800001 | F01 | PITTSFIELD | 72 | 107 | | 81 | 39 | .13 | 10 |
| MASSACHUSETTS | 22 | 1800002 | F01 | PITTSFIELD | 72 | 123 | | 83 | 81 | .33 | 26 |
| MASSACHUSETTS | 22 | 1800003 | F01 | PITTSFIELD | 72 | 121 | | 94 | 81 | .20 | 16 |
| 118 CENTRAL MASSACHUSETTS | | | | | | ** PRIORITY 2 ** | | | AS OF OCTOBER 07, 1973 | | |
| MASSACHUSETTS | 22 | 0620001 | F01 | FITCHBURG | 72 | 64 | | 191 | 96 | .36 | 29 |
| MASSACHUSETTS | 22 | 2640004 | F01 | WORCESTER | 72 | 149 | | 191 | 180 | .48 | 38 |
| MASSACHUSETTS | 22 | 2640008 | F01 | WORCESTER | 72 | 174 | | 209 | 120 | .30 | 24 |
| 119 METROPOLITAN BOSTON (MASS) | | | | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| MASSACHUSETTS | 22 | 0240001 | A01 | BOSTON | 72 | 19 | | 80 | 34 | " | |
| MASSACHUSETTS | 22 | 0240001 | F01 | BOSTON | 72 | 38 | | 94 | 75 | " | |
| MASSACHUSETTS | 22 | 0240002 | F01 | BOSTON | 72 | 230 | | 256 | 220 | .84 | 67 |
| MASSACHUSETTS | 22 | 0240012 | F01 | BOSTON | 72 | 49 | | 175 | 154 | .39 | 31 |
| MASSACHUSETTS | 22 | 0240013 | F01 | BOSTON | 72 | 52 | | 136 | 120 | .43 | 34 |
| MASSACHUSETTS | 22 | 0240014 | F01 | BOSTON | 72 | 70 | | 151 | 120 | " | |
| MASSACHUSETTS | 22 | 0340001 | F01 | BROOKLINE | 72 | 45 | | 128 | 102 | .27 | 21 |
| MASSACHUSETTS | 22 | 0360001 | A01 | CAMBRIDGE | 72 | 17 | | 42 | 35 | " | |
| MASSACHUSETTS | 22 | 0360001 | F01 | CAMBRIDGE | 72 | 50 | | 107 | 73 | .25 | 20 |
| MASSACHUSETTS | 22 | 0360004 | F01 | CAMBRIDGE | 72 | 74 | | 149 | 128 | " | |
| MASSACHUSETTS | 22 | 0660001 | F01 | FRAMINGHAM | 72 | 57 | | 73 | 73 | .21 | 16 |
| MASSACHUSETTS | 22 | 1100001 | F01 | LYNN | 72 | 46 | | 70 | 60 | .31 | 25 |
| MASSACHUSETTS | 22 | 1160001 | F01 | MARBLEHEAD | 72 | 54 | | 68 | 62 | .20 | 16 |
| MASSACHUSETTS | 22 | 1200001 | F01 | MAYNARD | 72 | 53 | | 26 | 26 | .11 | 8 |
| MASSACHUSETTS | 22 | 1220002 | F01 | MEDFORD | 72 | 48 | | 96 | 78 | .26 | 21 |
| MASSACHUSETTS | 22 | 1220003 | F01 | MEDFORD | 72 | 183 | | 151 | 146 | " | |
| MASSACHUSETTS | 22 | 1480002 | F01 | NEEDHAM | 72 | 53 | | 96 | 52 | .12 | 9 |
| MASSACHUSETTS | 22 | 1700001 | F01 | NORWOOD | 72 | 54 | | 75 | 68 | .21 | 17 |
| MASSACHUSETTS | 22 | 1880001 | F01 | QUINCY | 72 | 53 | | 196 | 162 | .49 | 39 |
| MASSACHUSETTS | 22 | 1940002 | F01 | REVERE | 72 | 50 | | 206 | 191 | .48 | 38 |
| MASSACHUSETTS | 22 | 2340003 | F01 | WALTHAM | 72 | 49 | | 167 | 68 | .13 | 11 |
| MASSACHUSETTS | 22 | 2620002 | F01 | WOBURN | 72 | 54 | | 83 | 31 | .15 | 12 |
| MASSACHUSETTS | 22 | 2640001 | A01 | WORCESTER | 72 | 29 | | 167 | 159 | .65 | 52 |

## Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 120 METROPOLITAN PROVIDENCE (MASS-R.I.) | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| MASSACHUSETTS | 22 | 0120002 | F01 | ATTLEBORO | 72 | 52 | | 183 | 159 | .25 | 20 |
| MASSACHUSETTS | 22 | 0580003 | F01 | FALL RIVER | 72 | 47 | | 70 | 65 | .18 | 14 |
| MASSACHUSETTS | 22 | 0600001 | F01 | FALMOUTH | 72 | 53 | | 31 | 28 | .10 | 8 |
| MASSACHUSETTS | 22 | 1500002 | F01 | NEW BEDFORD | 72 | 51 | | 65 | 52 | .20 | 16 |
| MASSACHUSETTS | 22 | 1820001 | F01 | PLYMOUTH | 72 | 58 | | 52 | 49 | .16 | 13 |
| RHODE ISLAND | 41 | 0090001 | F01 | CHARLESTOWN | 72 | 54 | | 84 | 84 | .31 | 25 |
| RHODE ISLAND | 41 | 0100001 | F01 | CRANSTON | 72 | 56 | | 94 | 83 | .36 | 29 |
| RHODE ISLAND | 41 | 0120003 | F01 | EAST PROVIDENCE | 72 | 23 | | 193 | 111 | * | |
| RHODE ISLAND | 41 | 0120004 | F01 | EAST PROVIDENCE | 72 | 29 | | 151 | 98 | * | |
| RHODE ISLAND | 41 | 0140001 | F01 | KENT COUNTY | 72 | 57 | | 87 | 84 | .30 | 24 |
| RHODE ISLAND | 41 | 0180001 | F01 | NEWPORT | 72 | 55 | | 145 | 124 | .42 | 33 |
| RHODE ISLAND | 41 | 0230002 | F01 | NORTH KINGSTOWN | 72 | 60 | | 76 | 69 | .26 | 21 |
| RHODE ISLAND | 41 | 0280002 | F01 | PAWTUCKET | 72 | 57 | | 168 | 87 | .43 | 34 |
| RHODE ISLAND | 41 | 0300001 | A01 | PROVIDENCE | 72 | 28 | | 130 | 130 | .27 | 22 |
| RHODE ISLAND | 41 | 0300005 | F01 | PROVIDENCE | 72 | 58 | | 237 | 219 | .55 | 44 |
| RHODE ISLAND | 41 | 0300006 | F01 | PROVIDENCE | 72 | 59 | | 290 | 235 | .79 | 63 |
| RHODE ISLAND | 41 | 0300007 | F01 | PROVIDENCE | 72 | 49 | | 237 | 236 | .80 | 64 |
| RHODE ISLAND | 41 | 0360002 | F01 | WARWICK | 72 | 54 | | 345 | 147 | .41 | 33 |
| RHODE ISLAND | 41 | 0380002 | A03 | WASHINGTON COUNTY | 72 | 24 | | 8 | 7 | .05 | 4 |
| RHODE ISLAND | 41 | 0380005 | F01 | WASHINGTON COUNTY | 72 | 18 | | 78 | 68 | * | |
| RHODE ISLAND | 41 | 0400002 | F01 | WESTERLY | 72 | 56 | | 113 | 97 | .29 | 23 |
| RHODE ISLAND | 41 | 0400003 | F01 | WESTERLY | 72 | 58 | | 89 | 79 | .35 | 28 |
| RHODE ISLAND | 41 | 0460001 | F01 | WOONSOCKET | 72 | 53 | | 129 | 106 | .34 | 27 |
| 121 MERRIMACK VALLEY-SOUTHERN NEW HAMPSHIRE (MASS-N.H. | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| MASSACHUSETTS | 22 | 0140001 | F01 | AYER | 72 | 11 | | 28 | 13 | * | |
| MASSACHUSETTS | 22 | 0226001 | F01 | BILLERICA | 72 | 15 | | 13 | 13 | * | |
| MASSACHUSETTS | 22 | 0840001 | F01 | HAVERHILL | 72 | 66 | | 65 | 60 | .15 | 12 |
| MASSACHUSETTS | 22 | 1000002 | F01 | LAWRENCE | 72 | 58 | | 293 | 120 | * | |
| MASSACHUSETTS | 22 | 1080001 | F01 | LOWELL | 72 | 62 | 1 | 413 | 68 | .16 | 13 |
| MASSACHUSETTS | 22 | 1080002 | F01 | LOWELL | 72 | 24 | | 13 | 10 | * | |
| MASSACHUSETTS | 22 | 1520001 | F01 | NEWBURYPORT | 72 | 69 | | 233 | 204 | .37 | 30 |
| NEW HAMPSHIRE | 30 | 0420004 | F01 | MANCHESTER | 72 | 22 | | 122 | 122 | * | |
| NEW HAMPSHIRE | 30 | 0480005 | F01 | NASHUA | 72 | 15 | | 59 | 58 | * | |
| NEW HAMPSHIRE | 30 | 0540005 | F01 | PORTSMOUTH | 72 | 31 | | 232 | 126 | .70 | 56 |
| 122 CENTRAL MICHIGAN | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| MICHIGAN | 23 | 0420001 | F01 | BAY CITY | 72 | 41 | | 90 | 55 | * | |
| MICHIGAN | 23 | 1580001 | A01 | FLINT | 72 | 26 | | 71 | 64 | .24 | 19 |
| MICHIGAN | 23 | 1580006 | F01 | FLINT | 72 | 39 | | 60 | 60 | * | |
| MICHIGAN | 23 | 1580008 | F01 | FLINT | 72 | 41 | | 48 | 41 | * | |
| MICHIGAN | 23 | 1820001 | A01 | GRAND RAPIDS | 72 | 27 | | 27 | 19 | .11 | 9 |
| MICHIGAN | 23 | 1820002 | F01 | GRAND RAPIDS | 72 | 54 | | 47 | 42 | .17 | 13 |
| MICHIGAN | 23 | 3740017 | F01 | MUSKEGON | 72 | 14 | | 83 | 70 | * | |
| MICHIGAN | 23 | 3740019 | F01 | MUSKEGON | 72 | 37 | | 42 | 40 | .16 | 13 |
| MICHIGAN | 23 | 4760001 | A01 | SAGINAW | 72 | 27 | | 38 | 20 | .12 | 9 |

## Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|
| 123 METROPOLITAN DETROIT-PORT HURON (MICH) | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| MICHIGAN | 23 | 1140001 | A01 DEARBORN | 72 | 27 | | 74 | 41 | .16 | 13 |
| MICHIGAN | 23 | 1180001 | A01 DETROIT | 72 | 30 | | 170 | 119 | .53 | 43 |
| MICHIGAN | 23 | 1180016 | F01 DETROIT | 72 | 55 | | 216 | 194 | .74 | 59 |
| MICHIGAN | 23 | 1180018 | F01 DETROIT | 72 | 56 | | 308 | 196 | .57 | 46 |
| MICHIGAN | 23 | 3660001 | F01 MT CLEMENS | 72 | 16 | | 56 | 41 | * | |
| MICHIGAN | 23 | 4320002 | F01 PONTIAC | 72 | 47 | | 94 | 54 | .19 | 15 |
| MICHIGAN | 23 | 4880001 | F01 SOUTHFIELD | 72 | 57 | | 55 | 35 | .08 | 6 |
| MICHIGAN | 23 | 5260001 | F01 WARREN | 72 | 47 | | 134 | 124 | .29 | 23 |
| 124 METROPOLITAN TOLEDO (MICH-OHIO) | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| MICHIGAN | 23 | 3580020 | F01 MONROE | 72 | 54 | | 160 | 102 | .34 | 27 |
| MICHIGAN | 23 | 3600008 | F01 MONROE COUNTY | 72 | 12 | | 29 | 25 | * | |
| OHIO | 36 | 6600001 | A01 TOLEDO | 72 | 27 | | 113 | 54 | .18 | 15 |
| 125 SOUTH CENTRAL MICHIGAN | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| MICHIGAN | 23 | 2640002 | F01 KALAMAZOO | 72 | 59 | | 43 | 39 | .09 | 7 |
| MICHIGAN | 23 | 2840001 | A01 LANSING | 72 | 26 | | 62 | 55 | .30 | 24 |
| 126 UPPER MICHIGAN | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| MICHIGAN | 23 | 3260005 | F01 MARQUETTE | 72 | 55 | | 131 | 116 | .28 | 23 |
| MICHIGAN | 23 | 4060001 | F01 ONTONAGON COUNTY | 72 | 54 | | 134 | 55 | .11 | 9 |
| 127 CENTRAL MINNESOTA | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| MINNESOTA | 24 | 3220019 | H01 ST CLOUD | 72 | 11 | | 96 | 75 | * | |
| MINNESOTA | 24 | 3220019 | H05 ST. CLOUD | 72 | 12 | | 60 | 57 | * | |
| 128 SOUTHEAST MINNESOTA-LA CROSSE (MINN-WISC) | | | | | ** PRIORITY 1A ** | | | | AS OF OCTOBER 07, 1973 | |
| MINNESOTA | 24 | 3120001 | G01 ROCHESTER | 72 | 21 | | 94 | 60 | * | |
| MINNESOTA | 24 | 3120016 | G01 ROCHESTER | 72 | 63 | | 94 | 94 | * | |
| 129 DULUTH-SUPERIOR (MINN-WISC) | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| MINNESOTA | 24 | 1040001 | A01 DULUTH | 72 | 25 | | 66 | 40 | .17 | 13 |
| 130 METROPOLITAN FARGO-MOORHEAD (MINN-N.D.) | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| MINNESOTA | 24 | 2320003 | F01 MOORHEAD | 72 | 15 | | 39 | 20 | * | |
| 131 MINNEAPOLIS-ST. PAUL (MINN) | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| MINNESOTA | 24 | 0940020 | F02 DAKOTA COUNTY | 72 | 17 | 1 | 400 | 125 | * | |
| MINNESOTA | 24 | 2260001 | A01 MINNEAPOLIS | 72 | 26 | | 51 | 11 | .08 | 6 |
| MINNESOTA | 24 | 3080001 | H02 RICHFIELD | 72 | 23 | | 55 | 31 | * | |
| MINNESOTA | 24 | 3280006 | F01 ST LOUIS PARK | 72 | 17 | | 81 | 44 | * | |
| MINNESOTA | 24 | 3300001 | A01 ST PAUL | 72 | 29 | | 143 | 71 | .22 | 17 |
| MINNESOTA | 24 | 3300001 | H01 ST PAUL | 72 | 36 | | 172 | 146 | * | |
| MINNESOTA | 24 | 3300003 | H01 ST PAUL | 72 | 18 | | 186 | 115 | * | |
| MINNESOTA | 24 | 3300013 | H01 ST PAUL | 72 | 18 | | 180 | 159 | * | |

## Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MINNESOTA | 24 | 3300018 | H01 | ST PAUL | 72 | 19 | | 55 | 52 | | |
| MINNESOTA | 24 | 3300021 | H01 | ST PAUL | 72 | 18 | | 115 | 89 | | |
| 136 NORTHERN PIEDMONT (N.C.) | | | | | | ** PRIORITY 3 ** | | | AS OF OCTOBER 07, 1973 | | |
| NORTH CAROLINA | 34 | 0160001 | F01 | ASHEBORO | 72 | 35 | | 220 | 108 | .30 | 24 |
| NORTH CAROLINA | 34 | 0440001 | F02 | BURLINGTON | 72 | 33 | | 71 | 56 | .17 | 14 |
| NORTH CAROLINA | 34 | 1275001 | F02 | EDEN | 72 | 25 | | 19 | 9 | | |
| NORTH CAROLINA | 34 | 1480001 | G01 | FORSYTH COUNTY | 72 | 53 | | 30 | 28 | .09 | 7 |
| NORTH CAROLINA | 34 | 1480002 | G01 | FORSYTH COUNTY | 72 | 41 | | 17 | 16 | .07 | 6 |
| NORTH CAROLINA | 34 | 1480003 | G01 | FORSYTH COUNTY | 72 | 51 | | 27 | 26 | .09 | 7 |
| NORTH CAROLINA | 34 | 1640001 | F02 | GRAHAM | 72 | 21 | | 51 | 29 | | |
| NORTH CAROLINA | 34 | 1740001 | A01 | GREENSBORO | 72 | 26 | | 37 | 31 | .10 | 8 |
| NORTH CAROLINA | 34 | 1740003 | G01 | GREENSBORO | 72 | 50 | | 24 | 24 | | |
| NORTH CAROLINA | 34 | 2000002 | G02 | HIGH POINT | 72 | 51 | | 70 | 60 | | |
| NORTH CAROLINA | 34 | 2180001 | G01 | KERNERSVILLE | 72 | 48 | | 23 | 23 | .09 | 7 |
| NORTH CAROLINA | 34 | 2340001 | F02 | LEXINGTON | 72 | 22 | | 55 | 43 | | |
| NORTH CAROLINA | 34 | 2760001 | F02 | MOUNT AIRY | 72 | 6 | | 22 | 18 | | |
| NORTH CAROLINA | 34 | 3300001 | F01 | REIDSVILLE | 72 | 6 | | 29 | 28 | | |
| NORTH CAROLINA | 34 | 4020001 | F02 | THOMASVILLE | 72 | 36 | | 85 | 31 | .17 | 13 |
| NORTH CAROLINA | 34 | 4460002 | A01 | WINSTON-SALEM | 72 | 23 | | 15 | 14 | | |
| NORTH CAROLINA | 34 | 4460002 | G02 | WINSTON-SALEM | 72 | 45 | | 39 | 29 | .10 | 8 |
| NORTH CAROLINA | 34 | 4460003 | G02 | WINSTON-SALEM | 72 | 55 | | 41 | 39 | .17 | 14 |
| NORTH CAROLINA | 34 | 4460005 | G01 | WINSTON-SALEM | 72 | 48 | | 31 | 29 | .09 | 7 |
| NORTH CAROLINA | 34 | 4460006 | G01 | WINSTON-SALEM | 72 | 47 | | 52 | 47 | .14 | 11 |
| NORTH CAROLINA | 34 | 4460007 | G01 | WINSTON-SALEM | 72 | 43 | | 30 | 25 | .12 | 10 |
| NORTH CAROLINA | 34 | 4460009 | G02 | WINSTON-SALEM | 72 | 50 | | 70 | 44 | .15 | 12 |
| NORTH CAROLINA | 34 | 4460011 | G01 | WINSTON-SALEM | 72 | 47 | | 39 | 37 | .14 | 11 |
| 139 SOUTHWEST MISSOURI | | | | | | * PRIORITY 3 * | | | AS OF OCTOBER 07, 1973 | | |
| MISSOURI | 26 | 4480002 | A03 | SHANNON COUNTY | 72 | 35 | | 15 | 12 | | |
| 141 GREAT FALLS (MONT) | | | | | | ** PRIORITY 1A ** | | | AS OF OCTOBER 07, 1973 | | |
| MONTANA | 27 | 0570001 | A03 | GLACIER NATIONAL PARK | 72 | 24 | | 13 | 7 | .05 | 4 |
| 145 LINCOLN-BEATRICE-FAIRBURY (NEB) | | | | | | ** PRIORITY 3 ** | | | AS OF OCTOBER 07, 1973 | | |
| NEBRASKA | 28 | 1560002 | A01 | LINCOLN | 72 | 25 | 1 | 429 | 221 | .57 | 41 |
| 147 NEVADA (REMAINDER) | | | | | | ** PRIORITY 1A ** | | | AS OF OCTOBER 07, 1973 | | |
| NEVADA | 29 | 0160001 | F01 | ELY | 72 | 12 | | 131 | 127 | | |
| NEVADA | 29 | 0560002 | F02 | WHITE PINE COUNTY | 72 | 14 | 4 | 841 | 431 | | |
| NEVADA | 29 | 0560003 | F02 | WHITE PINE COUNTY | 72 | 13 | 1 | 416 | 226 | | |
| 151 NORTHEAST PENNSYLVANIA-UPPER DEL. VAL. (PENN-N.J.) | | | | | | ** PRIORITY 2 ** | | | AS OF OCTOBER 07, 1973 | | |
| PENNSYLVANIA | 39 | 0120001 | A01 | ALLENTOWN | 72 | 25 | | 95 | 71 | .17 | 13 |
| PENNSYLVANIA | 39 | 7620001 | A01 | READING | 72 | 26 | | 141 | 136 | .59 | 47 |
| PENNSYLVANIA | 39 | 8040001 | A01 | SCRANTON | 72 | 25 | | 93 | 81 | .31 | 25 |

## Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|
| 152 ALBUQUERQUE-MID RIO GRANDE (N. MEX) | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| NEW MEXICO | 32 | 0040001 | A01 | ALBUQUERQUE | 72 | 25 | 56 | 10 | .09 | 7 |
| 153 EL PASO-LAS CRUCES-ALAMAGORDO (N. MEX-TEX) | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| NEW MEXICO | 32 | 0580001 | F01 | LAS CRUCES | 72 | 10 | 18 | 18 | * | |
| TEXAS | 45 | 1700002 | A01 | EL PASO | 72 | 24 | 119 | 93 | * | |
| 157 UPPER RIO GRANDE VALLEY (N. MEX) | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| NEW MEXICO | 32 | 1040002 | F01 | SANTA FE | 72 | 5 | 5 | 2 | * | |
| 158 CENTRAL NEW YORK | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| NEW YORK | 33 | 3340001 | A03 | JEFFERSON COUNTY | 72 | 27 | 14 | 13 | .07 | 5 |
| NEW YORK | 33 | 6620001 | A01 | SYRACUSE | 72 | 25 | 24 | 9 | * | |
| NEW YORK | 33 | 6880001 | A01 | UTICA | 72 | 29 | 67 | 59 | .21 | 17 |
| 160 GENESEE-FINGER LAKES (N.Y.) | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| NEW YORK | 33 | 0550001 | F01 | BRIGHTON | 72 | 34 | 70 | 60 | * | |
| NEW YORK | 33 | 2650001 | F01 | GREECE | 72 | 31 | 288 | 73 | * | |
| NEW YORK | 33 | 3250001 | F01 | IRONDEQUOIT | 72 | 37 | 222 | 183 | * | |
| NEW YORK | 33 | 4380001 | F01 | MONROE COUNTY | 72 | 35 | 107 | 104 | * | |
| NEW YORK | 33 | 5760001 | A01 | ROCHESTER | 72 | 28 | 71 | 60 | .17 | 13 |
| NEW YORK | 33 | 5760001 | F01 | ROCHESTER | 72 | 37 | 309 | 138 | * | |
| NEW YORK | 33 | 5760002 | F01 | ROCHESTER | 72 | 37 | 183 | 130 | * | |
| NEW YORK | 33 | 5760003 | F01 | ROCHESTER | 72 | 38 | 159 | 123 | * | |
| NEW YORK | 33 | 5760005 | F01 | ROCHESTER | 72 | 37 | 70 | 68 | * | |
| 161 HUDSON VALLEY (N.Y.) | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| NEW YORK | 33 | 0040001 | A01 | ALBANY | 72 | 29 | 153 | 136 | .64 | 51 |
| NEW YORK | 33 | 0040001 | F01 | ALBANY | 72 | 37 | 217 | 151 | * | |
| NEW YORK | 33 | 0040002 | F01 | ALBANY | 72 | 26 | 175 | 167 | * | |
| NEW YORK | 33 | 3500002 | F01 | KINGSTON | 72 | 14 | 125 | 36 | * | |
| 162 NIAGARA FRONTIER (N.Y.) | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| NEW YORK | 33 | 0660001 | A01 | BUFFALO | 72 | 24 | 27 | 21 | .08 | 6 |
| NEW YORK | 33 | 0660003 | F01 | BUFFALO | 72 | 22 | 104 | 91 | * | |
| NEW YORK | 33 | 0660008 | F01 | BUFFALO | 72 | 11 | 26 | 2 | * | |
| NEW YORK | 33 | 1020001 | F01 | CHEEKTOWAGA NW | 72 | 23 | 78 | 39 | * | |
| NEW YORK | 33 | 3760002 | F01 | LEWISTON (T) | 72 | 39 | 201 | 178 | * | |
| NEW YORK | 33 | 3920010 | F01 | LOCKPORT | 72 | 40 | 165 | 130 | * | |
| NEW YORK | 33 | 4740001 | A01 | NIAGARA FALLS | 72 | 28 | 116 | 104 | .37 | 30 |
| NEW YORK | 33 | 4740001 | F01 | NIAGARA FALLS | 72 | 134 | 343 | 204 | * | |
| NEW YORK | 33 | 4740006 | F01 | NIAGARA FALLS | 72 | 40 | 348 | 303 | * | |
| NEW YORK | 33 | 4900005 | F01 | NORTH TONAWANDA | 72 | 40 | 167 | 165 | * | |
| NEW YORK | 33 | 6760003 | F01 | TONAWANDA | 72 | 22 | 65 | 26 | * | |

## Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 165 EASTERN MOUNTAIN (N.C.) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| NORTH CAROLINA | 34 | 0080001 | G01 | ALEXANDER COUNTY | 72 | 13 | | 13 | 12 | * | |
| NORTH CAROLINA | 34 | 0400001 | F02 | BOONE | 72 | 30 | | 125 | 124 | * | |
| NORTH CAROLINA | 34 | 0660001 | G01 | CATAWBA COUNTY | 72 | 15 | | 16 | 13 | * | |
| NORTH CAROLINA | 34 | 0840012 | G01 | CLEVELAND COUNTY | 72 | 39 | | 30 | 15 | * | |
| NORTH CAROLINA | 34 | 0840013 | G02 | CLEVELAND COUNTY | 72 | 40 | | 30 | 20 | * | |
| NORTH CAROLINA | 34 | 0840014 | G02 | CLEVELAND COUNTY | 72 | 15 | | 7 | 7 | * | |
| NORTH CAROLINA | 34 | 0910001 | G01 | CONOVER | 72 | 15 | | 28 | 14 | * | |
| NORTH CAROLINA | 34 | 1460001 | F01 | FOREST CITY | 72 | 29 | | 111 | 94 | * | |
| NORTH CAROLINA | 34 | 2200001 | G01 | KINGS MOUNTAIN | 72 | 46 | | 12 | 11 | * | |
| NORTH CAROLINA | 34 | 2480001 | F02 | MCDOWELL COUNTY | 72 | 51 | | 147 | 130 | .70 | 56 |
| NORTH CAROLINA | 34 | 2540001 | F01 | MARION | 72 | 40 | | 99 | 72 | * | |
| NORTH CAROLINA | 34 | 2740001 | G02 | MORGANTON | 72 | 5 | | 14 | 5 | * | |
| NORTH CAROLINA | 34 | 2900001 | G01 | NEWTON | 72 | 14 | | 32 | 31 | * | |
| NORTH CAROLINA | 34 | 3200001 | F01 | POLK COUNTY | 72 | 38 | | 69 | 62 | * | |
| NORTH CAROLINA | 34 | 3660001 | G01 | SHELBY | 72 | 45 | | 11 | 10 | * | |
| NORTH CAROLINA | 34 | 3880001 | F02 | SPRUCE PINE | 72 | 35 | | 74 | 51 | * | |
| NORTH CAROLINA | 34 | 4360001 | F01 | WILKES COUNTY | 72 | 36 | | 67 | 46 | * | |
| NORTH CAROLINA | 34 | 4500002 | F01 | YANCEY COUNTY | 72 | 35 | | 59 | 52 | * | |
| 166 EASTERN PIEDMONT (N.C.) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| NORTH CAROLINA | 34 | 0680003 | F01 | CHAPEL HILL | 72 | 28 | | 131 | 131 | * | |
| NORTH CAROLINA | 34 | 0720001 | F01 | CHATHAM COUNTY | 72 | 31 | 1 | 446 | 187 | * | |
| NORTH CAROLINA | 34 | 1160001 | A01 | DURHAM | 72 | 26 | | 29 | 24 | .09 | 7 |
| NORTH CAROLINA | 34 | 1160001 | G01 | DURHAM | 72 | 26 | | 39 | 27 | * | |
| NORTH CAROLINA | 34 | 1160002 | G01 | DURHAM | 72 | 46 | | 27 | 27 | * | |
| NORTH CAROLINA | 34 | 1880001 | F01 | HENDERSON | 72 | 25 | | 84 | 70 | * | |
| NORTH CAROLINA | 34 | 3040001 | F02 | OXFORD | 72 | 21 | | 72 | 68 | * | |
| NORTH CAROLINA | 34 | 3240002 | F01 | RALEIGH | 72 | 31 | | 51 | 42 | * | |
| NORTH CAROLINA | 34 | 3240003 | F01 | RALEIGH | 72 | 24 | | 49 | 27 | * | |
| NORTH CAROLINA | 34 | 3360001 | F02 | ROANOKE RAPIDS | 72 | 31 | 1 | 578 | 342 | * | |
| NORTH CAROLINA | 34 | 3440001 | F01 | ROCKY MOUNT | 72 | 23 | | 118 | 109 | * | |
| NORTH CAROLINA | 34 | 3480001 | F02 | ROXBORO | 72 | 33 | 1 | 778 | 252 | * | |
| NORTH CAROLINA | 34 | 3480002 | F02 | ROXBORO | 72 | 12 | | 78 | 64 | * | |
| NORTH CAROLINA | 34 | 3580001 | F01 | SANFORD | 72 | 34 | | 58 | 48 | .19 | 15 |
| NORTH CAROLINA | 34 | 3700001 | F01 | SMITHFIELD | 72 | 26 | | 356 | 148 | * | |
| NORTH CAROLINA | 34 | 4420001 | F02 | WILSON | 72 | 30 | | 230 | 110 | .39 | 31 |
| 167 METROPOLITAN CHARLOTTE (N.C.-S.C.) | | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| NORTH CAROLINA | 34 | 0060001 | F01 | ALBEMARLE | 72 | 22 | | 31 | 30 | * | |
| NORTH CAROLINA | 34 | 0300001 | G02 | BELMONT | 72 | 15 | | 47 | 18 | * | |
| NORTH CAROLINA | 34 | 0700001 | A01 | CHARLOTTE | 72 | 26 | | 15 | 13 | .07 | 5 |
| NORTH CAROLINA | 34 | 0700004 | G01 | CHARLOTTE | 72 | 46 | | 33 | 28 | .12 | 9 |
| NORTH CAROLINA | 34 | 0700005 | G01 | CHARLOTTE NC | 72 | 14 | | 20 | 15 | * | |
| NORTH CAROLINA | 34 | 0700006 | G01 | CHARLOTTE | 72 | 52 | | 37 | 26 | .16 | 12 |
| NORTH CAROLINA | 34 | 0700007 | G01 | CHARLOTTE | 72 | 29 | | 44 | 28 | * | |
| NORTH CAROLINA | 34 | 0700008 | G01 | CHARLOTTE | 72 | 49 | | 108 | 65 | .19 | 15 |
| NORTH CAROLINA | 34 | 0700009 | G02 | CHARLOTTE | 72 | 23 | 8 | * | * | * | |

# Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NORTH CAROLINA | 34 | 0700011 | G01 | CHARLOTTE | 72 | 43 | | 203 | 130 | .37 | 29 |
| NORTH CAROLINA | 34 | 0760001 | G01 | CHERRYVILLE NC | 72 | 30 | | 18 | 15 | * | |
| NORTH CAROLINA | 34 | 0760002 | G01 | CHERRYVILLE | 72 | 15 | | 11 | 6 | * | |
| NORTH CAROLINA | 34 | 0900001 | F01 | CONCORD | 72 | 33 | | 44 | 32 | * | |
| NORTH CAROLINA | 34 | 1000003 | G01 | DALLAS | 72 | 50 | | 24 | 13 | .05 | 4 |
| NORTH CAROLINA | 34 | 1040001 | G01 | DAVIDSON | 72 | 46 | | 60 | 44 | .14 | 11 |
| NORTH CAROLINA | 34 | 1580002 | G02 | GASTONIA | 72 | 15 | | 24 | 5 | * | |
| NORTH CAROLINA | 34 | 2060001 | F02 | IREDELL COUNTY | 72 | 31 | | 79 | 56 | * | |
| NORTH CAROLINA | 34 | 2160001 | F02 | KANNAPOLIS | 72 | 21 | | 76 | 16 | * | |
| NORTH CAROLINA | 34 | 2380001 | F01 | LINCOLNTON | 72 | 17 | | 7 | 5 | * | |
| NORTH CAROLINA | 34 | 2380002 | F01 | LINCOLNTON | 72 | 25 | | 70 | 33 | * | |
| NORTH CAROLINA | 34 | 2580001 | G01 | MECKLENBURG COUNTY | 72 | 7 | | 12 | 10 | * | |
| NORTH CAROLINA | 34 | 2640001 | F01 | MONROE | 72 | 36 | | 86 | 78 | .20 | 16 |
| NORTH CAROLINA | 34 | 2780001 | G02 | MT. HOLLY | 72 | 15 | | 37 | 25 | * | |
| NORTH CAROLINA | 34 | 3460019 | G01 | ROWAN COUNTY | 72 | 26 | | 54 | 27 | * | |
| NORTH CAROLINA | 34 | 3540001 | G01 | SALISBURY | 72 | 126 | | 81 | 54 | * | |
| NORTH CAROLINA | 34 | 3540002 | G01 | SALISBURY | 72 | 25 | | 81 | 54 | * | |
| NORTH CAROLINA | 34 | 3920001 | F01 | STATESVILLE | 72 | 28 | | 56 | 41 | * | |
| SOUTH CAROLINA | 42 | 1440001 | F01 | LANCASTER | 72 | 54 | | 54 | 42 | .12 | 10 |
| SOUTH CAROLINA | 42 | 1920001 | F01 | ROCK HILL | 72 | 57 | | 82 | 78 | .17 | 14 |
| SOUTH CAROLINA | 42 | 2420001 | F01 | YORK | 72 | 54 | | 47 | 44 | .12 | 10 |
| SOUTH CAROLINA | 42 | 2440001 | F01 | YORK COUNTY | 72 | 57 | | 93 | 62 | .13 | 10 |
| 168 NORTHERN COASTAL PLAIN (N.C.) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| NORTH CAROLINA | 34 | 0020001 | F01 | AHOSKIE | 72 | 26 | | 26 | 19 | * | |
| NORTH CAROLINA | 34 | 0280001 | F02 | BEAUFORT COUNTY | 72 | 31 | | 27 | 14 | * | |
| NORTH CAROLINA | 34 | 0320001 | F02 | BERTIE COUNTY | 72 | 38 | | 48 | 30 | * | |
| NORTH CAROLINA | 34 | 0590001 | A03 | CAPE HATTERAS NAT SEA | 72 | 22 | | 19 | 12 | .06 | 5 |
| NORTH CAROLINA | 34 | 1280001 | F01 | EDENTON | 72 | 32 | | 14 | 10 | * | |
| NORTH CAROLINA | 34 | 1320001 | F01 | ELIZABETH CITY | 72 | 29 | | 5 | 5 | * | |
| NORTH CAROLINA | 34 | 1400001 | F02 | FARMVILLE | 72 | 32 | | 27 | 21 | * | |
| NORTH CAROLINA | 34 | 1600001 | F02 | GATES COUNTY | 72 | 5 | | 5 | 5 | * | |
| NORTH CAROLINA | 34 | 1760001 | F01 | GREENVILLE | 72 | 11 | | 36 | 33 | * | |
| NORTH CAROLINA | 34 | 1940001 | F02 | HERTFORD COUNTY | 72 | 26 | | 6 | 5 | * | |
| NORTH CAROLINA | 34 | 1940002 | F02 | HERTFORD COUNTY | 72 | 36 | | 26 | 18 | .07 | 5 |
| NORTH CAROLINA | 34 | 3160001 | F02 | PLYMOUTH | 72 | 33 | | 15 | 13 | * | |
| NORTH CAROLINA | 34 | 4220001 | F01 | WASHINGTON | 72 | 33 | | 23 | 17 | * | |
| 169 SANDHILLS (N.C.) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| NORTH CAROLINA | 34 | 1120001 | F01 | DUNN | 72 | 35 | | 143 | 108 | .35 | 28 |
| NORTH CAROLINA | 34 | 1420002 | F01 | FAYETTEVILLE | 72 | 35 | | 100 | 93 | .24 | 19 |
| NORTH CAROLINA | 34 | 1420003 | F02 | FAYETTEVILLE | 72 | 11 | | 90 | 36 | * | |
| NORTH CAROLINA | 34 | 2240001 | F01 | LAURINBURG | 72 | 40 | | 97 | 77 | .22 | 17 |
| NORTH CAROLINA | 34 | 2460001 | F01 | LUMBERTON | 72 | 34 | | 130 | 66 | .20 | 16 |
| NORTH CAROLINA | 34 | 3400001 | F02 | ROCKINGHAM | 72 | 20 | | 99 | 91 | * | |
| NORTH CAROLINA | 34 | 3720001 | F01 | SOUTHERN PINES | 72 | 32 | | 105 | 93 | .27 | 21 |

## Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 170 SOUTHERN COASTAL PLAIN (N.C.) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| NORTH CAROLINA | 34 | 0460001 | F02 | BRUNSWICK COUNTY | 72 | 39 | | 29 | 21 | | |
| NORTH CAROLINA | 34 | 0880001 | F02 | COLUMBUS COUNTY | 72 | 19 | | 37 | 27 | | |
| NORTH CAROLINA | 34 | 0880002 | F02 | COLUMBUS COUNTY | 72 | 42 | | 80 | 71 | .15 | 12 |
| NORTH CAROLINA | 34 | 0940001 | F02 | CRAVEN COUNTY | 72 | 35 | | 36 | 22 | | |
| NORTH CAROLINA | 34 | 1140001 | F01 | DUPLIN COUNTY | 72 | 36 | | 6 | 6 | - | |
| NORTH CAROLINA | 34 | 1620002 | F01 | GOLDSBORO | 72 | 47 | | 57 | 47 | .16 | 13 |
| NORTH CAROLINA | 34 | 2100001 | F01 | JACKSONVILLE | 72 | 8 | | 10 | 2 | | |
| NORTH CAROLINA | 34 | 2100002 | F01 | JACKSONVILLE | 72 | 35 | | 10 | 5 | | |
| NORTH CAROLINA | 34 | 2220001 | F02 | KINSTON | 72 | 43 | | 31 | 11 | .06 | 5 |
| NORTH CAROLINA | 34 | 2720001 | F02 | MOREHEAD CITY | 72 | 36 | | 158 | 149 | .42 | 34 |
| NORTH CAROLINA | 34 | 2860001 | F01 | NEW BERN | 72 | 31 | | 14 | 5 | | |
| NORTH CAROLINA | 34 | 4340001 | F01 | WHITEVILLE | 72 | 46 | | 59 | 16 | .08 | 6 |
| NORTH CAROLINA | 34 | 4400002 | F01 | WILMINGTON | 72 | 50 | | 46 | 46 | .16 | 13 |
| NORTH CAROLINA | 34 | 4400003 | F01 | WILMINGTON | 72 | 36 | | 87 | 62 | - | |
| NORTH CAROLINA | 34 | 4400004 | F02 | WILMINGTON | 72 | 46 | | 168 | 78 | .22 | 17 |
| 171 WESTERN MOUNTAIN (N.C.) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| NORTH CAROLINA | 34 | 0180002 | I01 | ASHEVILLE | 72 | 22 | | 10 | 5 | - | |
| NORTH CAROLINA | 34 | 0180004 | I02 | ASHEVILLE | 72 | 22 | | 29 | 21 | - | |
| NORTH CAROLINA | 34 | 0180005 | I01 | ASHEVILLE | 72 | 22 | | 19 | 19 | | |
| NORTH CAROLINA | 34 | 0420001 | F02 | BREVARD | 72 | 36 | | 44 | 38 | - | |
| NORTH CAROLINA | 34 | 0480021 | I01 | BUNCOMBE COUNTY | 72 | 24 | | 13 | 8 | - | |
| NORTH CAROLINA | 34 | 0480023 | I02 | BUNCOMBE COUNTY | 72 | 23 | | 31 | 5 | | |
| NORTH CAROLINA | 34 | 0580001 | I02 | CANTON | 72 | 28 | | 214 | 124 | - | |
| NORTH CAROLINA | 34 | 0740001 | F02 | CHEROKEE COUNTY | 72 | 5 | | 137 | 42 | - | |
| NORTH CAROLINA | 34 | 1860006 | I02 | HAYWOOD COUNTY | 72 | 16 | | 11 | 8 | - | |
| NORTH CAROLINA | 34 | 1920001 | F01 | HENDERSONVILLE | 72 | 12 | | 70 | 30 | - | |
| NORTH CAROLINA | 34 | 1920002 | F01 | HENDERSONVILLE | 72 | 29 | | 117 | 117 | - | |
| NORTH CAROLINA | 34 | 1920003 | F02 | HENDERSONVILLE | 72 | 10 | | 65 | 63 | - | |
| NORTH CAROLINA | 34 | 2090002 | F02 | JACKSON COUNTY | 72 | 66 | | 237 | 202 | .72 | 58 |
| NORTH CAROLINA | 34 | 2500001 | F01 | MACON COUNTY | 72 | 31 | | 51 | 37 | - | |
| NORTH CAROLINA | 34 | 3980001 | F01 | SWAIN COUNTY | 72 | 27 | | 72 | 59 | - | |
| NORTH CAROLINA | 34 | 4300003 | I01 | WAYNESVILLE | 72 | 23 | | 46 | 19 | - | |
| 173 DAYTON (OHIO) | | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| OHIO | 36 | 1660001 | A01 | DAYTON | 72 | 27 | | 143 | 104 | .40 | 32 |
| OHIO | 36 | 1660015 | G01 | DAYTON | 72 | 35 | | 148 | 73 | - | |
| OHIO | 36 | 1660017 | G01 | DAYTON | 72 | 36 | | 48 | 44 | - | |
| OHIO | 36 | 2040001 | G01 | FAIRBORN | 72 | 40 | | 53 | 53 | .19 | 15 |
| OHIO | 36 | 4280001 | G01 | MIAMISBURG | 72 | 16 | | 57 | 44 | - | |
| OHIO | 36 | 4550001 | G01 | MORAINE | 72 | 35 | | 57 | 57 | - | |
| OHIO | 36 | 5520003 | G01 | PIQUA | 72 | 37 | | 95 | 67 | - | |
| OHIO | 36 | 6380001 | G01 | SPRINGFIELD | 72 | 15 | | 53 | 23 | - | |
| OHIO | 36 | 6380002 | G01 | SPRINGFIELD | 72 | 42 | | 59 | 42 | .18 | 15 |
| OHIO | 36 | 6380003 | G01 | SPRINGFIELD | 72 | 43 | | 61 | 48 | .22 | 17 |
| OHIO | 36 | 6680001 | G01 | TROY | 72 | 36 | | 67 | 67 | - | |
| OHIO | 36 | 7670001 | G01 | WRIGHT PATTERSON A F B | 72 | 18 | | 53 | 48 | - | |
| OHIO | 36 | 7720001 | G01 | XENIA | 72 | 37 | | 53 | 48 | .20 | 16 |

## Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|
| 174 GREATER METROPOLITAN CLEVELAND (OHIO) | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| OHIO | 36 | 0060001 A01 AKRON | 72 | 27 | | 236 | 92 | .47 | 38 |
| OHIO | 36 | 0060002 H01 AKRON | 72 | 19 | | 76 | 55 | - | |
| OHIO | 36 | 0060004 H01 AKRON | 72 | 22 | | 110 | 108 | | |
| OHIO | 36 | 0060005 H01 AKRON | 72 | 12 | | 101 | 101 | - | |
| OHIO | 36 | 0060006 H01 AKRON | 72 | 49 | | 161 | 115 | .60 | 48 |
| OHIO | 36 | 0060014 H01 AKRON | 72 | 13 | | 115 | 108 | - | |
| OHIO | 36 | 0360001 H01 BARBERTON | 72 | 42 | | 155 | 144 | - | |
| OHIO | 36 | 1000001 A01 CANTON | 72 | 28 | | 82 | 75 | .27 | 22 |
| OHIO | 36 | 1000001 H02 CANTON | 72 | 15 | | 68 | 39 | | |
| OHIO | 36 | 1000003 H02 CANTON | 72 | 15 | | 172 | 78 | - | |
| OHIO | 36 | 1000008 H01 CANTON | 72 | 15 | | 123 | 91 | - | |
| OHIO | 36 | 1000014 H02 CANTON | 72 | 15 | | 102 | 78 | - | |
| OHIO | 36 | 1300001 A01 CLEVELAND | 72 | 22 | | 166 | 165 | | |
| OHIO | 36 | 1300001 H01 CLEVELAND | 72 | 99 | | 330 | 259 | 1.09 | 87 |
| OHIO | 36 | 1300002 H01 CLEVELAND | 72 | 81 | | 284 | 194 | .87 | 69 |
| OHIO | 36 | 1300003 H01 CLEVELAND | 72 | 108 | | 291 | 291 | .92 | 74 |
| OHIO | 36 | 1300005 H01 CLEVELAND | 72 | 107 | | 177 | 177 | .72 | 57 |
| OHIO | 36 | 1300006 H01 CLEVELAND | 72 | 98 | | 236 | 236 | .81 | 64 |
| OHIO | 36 | 1300007 H01 CLEVELAND | 72 | 98 | | 236 | 236 | .74 | 59 |
| OHIO | 36 | 1300008 H01 CLEVELAND | 72 | 111 | 1 | 389 | 310 | 1.12 | 90 |
| OHIO | 36 | 1300009 H01 CLEVELAND | 72 | 105 | | 276 | 276 | .87 | 69 |
| OHIO | 36 | 1300010 H01 CLEVELAND | 72 | 95 | | 293 | 217 | .73 | 58 |
| OHIO | 36 | 1300011 H01 CLEVELAND | 72 | 99 | | 223 | 180 | .69 | 55 |
| OHIO | 36 | 1300012 H01 CLEVELAND | 72 | 98 | | 349 | 291 | 1.15 | 92 |
| OHIO | 36 | 1300013 H01 CLEVELAND | 72 | 101 | | 357 | 357 | 1.15 | 92 |
| OHIO | 36 | 1300017 H01 CLEVELAND | 72 | 65 | | 168 | 167 | - | |
| OHIO | 36 | 1300020 H01 CLEVELAND | 72 | 36 | | 168 | 159 | - | |
| OHIO | 36 | 1300021 H01 CLEVELAND | 72 | 88 | | 200 | 200 | .78 | 63 |
| OHIO | 36 | 1300024 H01 CLEVELAND | 72 | 30 | | 308 | 284 | - | |
| OHIO | 36 | 1300026 H01 CLEVELAND | 72 | 78 | | 340 | 266 | 1.41 | 113 |
| OHIO | 36 | 1300027 H01 CLEVELAND | 72 | 105 | | 323 | 323 | .84 | 67 |
| OHIO | 36 | 1300029 H01 CLEVELAND | 72 | 81 | 1 | 388 | 343 | 1.06 | 84 |
| OHIO | 36 | 5680001 H01 RAVENNA | 72 | 14 | | 90 | 74 | - | |
| OHIO | 36 | 6400001 H03 STARK COUNTY | 72 | 15 | | 60 | 57 | - | |
| OHIO | 36 | 6400002 H03 STARK COUNTY | 72 | 15 | | 57 | 39 | | |
| 175 MANSFIELD-MARION (OHIO) | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| OHIO | 36 | 7160001 H03 WAYNE COUNTY | 72 | 49 | | 176 | 141 | .47 | 37 |
| 176 METROPOLITAN COLUMBUS (OHIO) | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| OHIO | 36 | 1460001 A01 COLUMBUS | 72 | 30 | | 88 | 70 | .36 | 29 |
| 178 NORTHWEST PENNSYLVANIA-YOUNGSTOWN (OHIO-PENN) | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| OHIO | 36 | 7760001 A01 YOUNGSTOWN | 72 | 28 | | 112 | 96 | .48 | 38 |
| PENNSYLVANIA | 39 | 3060002 A01 ERIE | 72 | 24 | | 106 | 66 | .31 | 25 |

## Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ANNUAL ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 181 STEUBENVILLE-WEIRTON-WHEELING (OHIO-W.VA) | | | | | | ** PRIORITY 1 ** | | | | | AS OF OCTOBER 07, 1973 | |
| OHIO | 36 | 6420001 | A01 | STEUBENVILLE | 72 | 27 | | | 209 | 196 | .69 | 55 |
| WEST VIRGINIA | 50 | 0500004 | F02 | FOLLANSBEE | 72 | 36 | | | 238 | 136 | | |
| WEST VIRGINIA | 50 | 0620003 | F02 | HANCOCK COUNTY | 72 | 35 | | | 253 | 167 | | |
| WEST VIRGINIA | 50 | 0620005 | F02 | HANCOCK COUNTY | 72 | 25 | | | 120 | 115 | | |
| WEST VIRGINIA | 50 | 1240001 | F02 | MOUNDSVILLE | 72 | 31 | | | 204 | 172 | | |
| WEST VIRGINIA | 50 | 2040002 | F01 | WELLSBURG | 72 | 26 | | | 175 | 154 | | |
| 184 CENTRAL OKLAHOMA | | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 07, 1973 | |
| OKLAHOMA | 37 | 0940016 | F01 | EDMOND | 72 | 54 | | | 124 | 99 | | |
| OKLAHOMA | 37 | 1940006 | F01 | MIDWEST CITY | 72 | 51 | | 2 | 454 | 433 | | |
| OKLAHOMA | 37 | 2200001 | F01 | OKLAHOMA CITY | 72 | 54 | | | 8 | 5 | | |
| OKLAHOMA | 37 | 2200002 | F01 | OKLAHOMA CITY | 72 | 43 | | | 340 | 246 | | |
| OKLAHOMA | 37 | 2200017 | F01 | OKLAHOMA CITY | 72 | 52 | | | 5 | 5 | | |
| OKLAHOMA | 37 | 2200018 | F01 | OKLAHOMA CITY | 72 | 56 | | | 10 | 5 | | |
| OKLAHOMA | 37 | 2200021 | F01 | OKLAHOMA CITY | 72 | 55 | | | 40 | 5 | | |
| OKLAHOMA | 37 | 2200022 | F01 | OKLAHOMA CITY | 72 | 54 | | | 60 | 52 | | |
| OKLAHOMA | 37 | 2200029 | A01 | OKLAHOMA CITY | 72 | 28 | | | 9 | 8 | .05 | 4 |
| 185 NORTH CENTRAL OKLAHOMA | | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 07, 1973 | |
| OKLAHOMA | 37 | 0280598 | F01 | BLACKWELL | 72 | 76 | | | 270 | 192 | | |
| OKLAHOMA | 37 | 0280599 | F01 | BLACKWELL | 72 | 13 | | | 9 | 5 | | |
| 186 NORTHEASTERN OKLAHOMA | | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 07, 1973 | |
| OKLAHOMA | 37 | 0200215 | F01 | BARTLESVILLE | 72 | 74 | | | 112 | 88 | .14 | 11 |
| OKLAHOMA | 37 | 0840219 | F01 | DEWEY | 72 | 11 | | | 2 | 2 | | |
| OKLAHOMA | 37 | 2620194 | F01 | ROGERS COUNTY | 72 | 58 | | | 50 | 14 | .05 | 4 |
| OKLAHOMA | 37 | 3000001 | A01 | TULSA | 72 | 27 | | | 14 | 9 | .06 | 5 |
| OKLAHOMA | 37 | 3000111 | F01 | TULSA | 72 | 89 | | 82 | 464 | 163 | | |
| OKLAHOMA | 37 | 3000112 | F01 | TULSA | 72 | 74 | | 47 | 39 | 30 | | |
| 187 NORTHWESTERN OKLAHOMA | | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 07, 1973 | |
| OKLAHOMA | 37 | 3260800 | F01 | WOODWARD | 72 | 50 | | | 6 | 2 | .03 | 3 |
| 188 SOUTHEASTERN OKLAHOMA | | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 07, 1973 | |
| OKLAHOMA | 37 | 1720410 | F01 | MCALESTER | 72 | 60 | | | 13 | 6 | .04 | 3 |
| 189 SOUTHWESTERN OKLAHOMA | | | | | | ** PRIORITY 3 ** | | | | | AS OF OCTOBER 07, 1973 | |
| OKLAHOMA | 37 | 0900661 | F01 | DUNCAN | 72 | 54 | | | 20 | 19 | .05 | 4 |
| OKLAHOMA | 37 | 1600646 | F01 | LAWTON | 72 | 37 | | | 8 | 6 | .04 | 3 |
| OKLAHOMA | 37 | 1600650 | F01 | LAWTON | 72 | 52 | | | 10 | 8 | .04 | 3 |
| 193 PORTLAND (ORE-WASH) | | | | | | ** PRIORITY 1A ** | | | | | AS OF OCTOBER 07, 1973 | |
| OREGON | 38 | 1460001 | A01 | PORTLAND | 72 | 22 | | | 99 | 96 | .35 | 28 |

## Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ANNUAL ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 196 SOUTH CENTRAL PENNSYLVANIA | | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| PENNSYLVANIA | 39 | 4660002 | A01 | LANCASTER | 72 | 25 | | 89 | 69 | | |
| PENNSYLVANIA | 39 | 9560002 | A01 | YORK | 72 | 21 | | 14 | 9 | | |
| 197 SOUTHWEST PENNSYLVANIA | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| PENNSYLVANIA | 39 | 4240001 | A05 | INDIANA COUNTY | 72 | 13 | | 41 | 32 | | |
| PENNSYLVANIA | 39 | 4240002 | A05 | INDIANA COUNTY | 72 | 24 | | 22 | 12 | .06 | 5 |
| PENNSYLVANIA | 39 | 4240003 | A05 | INDIANA COUNTY | 72 | 27 | | 58 | 52 | .14 | 11 |
| PENNSYLVANIA | 39 | 7260001 | A01 | PITTSBURGH | 72 | 24 | | 121 | 121 | .79 | 63 |
| 198 CAMDEN-SUMPTER (S.C.) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| SOUTH CAROLINA | 42 | 0500001 | F01 | CAMDEN | 72 | 52 | | 65 | 60 | .13 | 10 |
| SOUTH CAROLINA | 42 | 2120001 | F01 | SUMTER | 72 | 19 | | 2 | 2 | | |
| 199 CHARLESTON (S.C.) | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| SOUTH CAROLINA | 42 | 0540002 | G01 | CHARLESTON | 72 | 21 | | 17 | 11 | | |
| SOUTH CAROLINA | 42 | 0560001 | G01 | CHARLESTON COUNTY | 72 | 14 | | 38 | 38 | * | |
| SOUTH CAROLINA | 42 | 0560024 | G01 | CHARLESTON COUNTY | 72 | 12 | | 2 | 2 | * | |
| 200 COLUMBIA (S.C.) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| SOUTH CAROLINA | 42 | 0760003 | H01 | COLUMBIA | 72 | 55 | | 52 | 35 | .06 | 5 |
| SOUTH CAROLINA | 42 | 0760006 | F01 | COLUMBIA | 72 | 57 | | 61 | 43 | .10 | 8 |
| SOUTH CAROLINA | 42 | 1760001 | F01 | NEWBERRY | 72 | 21 | | 30 | 26 | | |
| SOUTH CAROLINA | 42 | 1900002 | A03 | RICHLAND COUNTY | 72 | 28 | | 21 | 19 | .07 | 5 |
| SOUTH CAROLINA | 42 | 1900002 | F01 | RICHLAND COUNTY | 72 | 58 | | 75 | 26 | .07 | 6 |
| SOUTH CAROLINA | 42 | 1900003 | F01 | RICHLAND COUNTY | 72 | 57 | | 60 | 29 | .08 | 6 |
| SOUTH CAROLINA | 42 | 2260001 | F01 | WEST COLUMBIA | 72 | 57 | | 76 | 43 | .10 | 8 |
| 201 FLORENCE (S.C.) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| SOUTH CAROLINA | 42 | 1020001 | F01 | FLORENCE | 72 | 17 | | 22 | 2 | | |
| 202 GREENVILLE-SPARTANBURG (S.C.) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| SOUTH CAROLINA | 42 | 0180001 | F01 | ANDERSON | 72 | 43 | | 76 | 59 | * | |
| SOUTH CAROLINA | 42 | 1180001 | G01 | GREENVILLE | 72 | 58 | | 29 | 9 | .04 | 3 |
| SOUTH CAROLINA | 42 | 1180002 | G01 | GREENVILLE | 72 | 59 | | 54 | 47 | .09 | 7 |
| SOUTH CAROLINA | 42 | 1200001 | G01 | GREENVILLE COUNTY | 72 | 31 | | 32 | 13 | * | |
| SOUTH CAROLINA | 42 | 1200003 | G01 | GREENVILLE COUNTY | 72 | 59 | | 21 | 16 | .06 | 4 |
| SOUTH CAROLINA | 42 | 1260001 | G01 | GREER | 72 | 31 | | 62 | 44 | * | |
| SOUTH CAROLINA | 42 | 1875001 | F01 | PICKENS | 72 | 44 | | 14 | 2 | * | |
| SOUTH CAROLINA | 42 | 2010001 | G01 | SIMPSONVILLE | 72 | 31 | | 49 | 29 | * | |
| SOUTH CAROLINA | 42 | 2040001 | G01 | SPARTANBURG | 72 | 49 | | 226 | 135 | .31 | 25 |
| 203 GREENWOOD (S.C.) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| SOUTH CAROLINA | 42 | 1220001 | F01 | GREENWOOD | 72 | 44 | | 36 | 32 | * | |
| SOUTH CAROLINA | 42 | 1500001 | F01 | LAURENS | 72 | 41 | | 37 | 30 | * | |

## Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEEDING 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 204 GEORGETOWN (S.C.) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| SOUTH CAROLINA | 42 | 0780006 | F01 | CONWAY | 72 | 19 | | 22 | 16 | | |
| SOUTH CAROLINA | 42 | 1120001 | F01 | GEORGETOWN | 72 | 18 | | 34 | 14 | | |
| 205 BLACKHILLS-RAPID CITY (S. DAK) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| SOUTH DAKOTA | 43 | 0110001 | A03 | BLACK HILLS NAT FOREST | 72 | 24 | | 7 | 6 | .05 | 4 |
| 207 EASTERN TENNESSEE-SOUTHWESTERN VIRGINIA (TENN.-VA. | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 07, 1973 | |
| TENNESSEE | 44 | 1720012 | G01 | KNOX COUNTY | 72 | 27 | | 27 | 16 | | |
| TENNESSEE | 44 | 1720013 | G01 | KNOX COUNTY | 72 | 29 | | 6 | 6 | | |
| TENNESSEE | 44 | 1720014 | G03 | KNOX COUNTY | 72 | 19 | | 5 | 5 | | |
| TENNESSEE | 44 | 1740002 | A01 | KNOXVILLE | 72 | 26 | | 47 | 44 | .20 | 16 |
| TENNESSEE | 44 | 1740003 | G01 | KNOXVILLE | 72 | 20 | | 9 | 6 | | |
| TENNESSEE | 44 | 1740005 | G01 | KNOXVILLE | 72 | 20 | | 9 | 5 | | |
| TENNESSEE | 44 | 1740006 | G01 | KNOXVILLE | 72 | 20 | | 39 | 23 | | |
| TENNESSEE | 44 | 1740007 | G01 | KNOXVILLE | 72 | 17 | | 5 | 2 | | |
| TENNESSEE | 44 | 1740008 | G01 | KNOXVILLE | 72 | 20 | | 19 | 10 | | |
| VIRGINIA | 48 | 0440005 | F02 | BLUEFIELD | 72 | 49 | | 23 | 18 | | |
| VIRGINIA | 48 | 1280005 | F02 | GALAX | 72 | 65 | | 70 | 55 | | |
| VIRGINIA | 48 | 1920001 | F01 | MARION | 72 | 63 | | 78 | 55 | | |
| VIRGINIA | 48 | 2640001 | F02 | RICHLANDS | 72 | 61 | | 55 | 23 | | |
| VIRGINIA | 48 | 2820006 | F02 | SALTVILLE | 72 | 63 | | 57 | 15 | | |
| VIRGINIA | 48 | 3420002 | F02 | WISE COUNTY | 72 | 47 | | 18 | 13 | | |
| VIRGINIA | 48 | 3420003 | F02 | WISE COUNTY | 72 | 57 | | 39 | 36 | | |
| VIRGINIA | 48 | 3440001 | A03 | WYTHE COUNTY | 72 | 25 | | 12 | 9 | .06 | 4 |
| 208 MIDDLE TENNESSEE | | | | | | PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| TENNESSEE | 44 | 2540001 | A01 | NASHVILLE | 72 | 27 | | 47 | 46 | .14 | 11 |
| TENNESSEE | 44 | 2540002 | G01 | NASHVILLE | 72 | 46 | | 26 | 11 | .11 | 8 |
| TENNESSEE | 44 | 2540003 | G01 | NASHVILLE | 72 | 46 | | 29 | 7 | .11 | 8 |
| TENNESSEE | 44 | 2540004 | G01 | NASHVILLE | 72 | 50 | | 18 | 11 | .10 | 8 |
| TENNESSEE | 44 | 2540005 | G01 | NASHVILLE | 72 | 51 | | 35 | 18 | .11 | 9 |
| TENNESSEE | 44 | 2540006 | G01 | NASHVILLE | 72 | 51 | | 12 | 12 | .10 | 8 |
| TENNESSEE | 44 | 2540007 | G01 | NASHVILLE | 72 | 50 | | 26 | 10 | .11 | 8 |
| TENNESSEE | 44 | 2540008 | G01 | NASHVILLE | 72 | 41 | | 14 | 10 | .10 | 8 |
| TENNESSEE | 44 | 2540010 | G01 | NASHVILLE | 72 | 42 | | 53 | 16 | .12 | 9 |
| TENNESSEE | 44 | 2540011 | G01 | NASHVILLE | 72 | 45 | | 35 | 22 | .12 | 10 |
| TENNESSEE | 44 | 2540012 | G01 | NASHVILLE | 72 | 49 | | 7 | 7 | .10 | 8 |
| TENNESSEE | 44 | 2540014 | G01 | NASHVILLE | 72 | 49 | | 44 | 8 | .11 | 9 |
| TENNESSEE | 44 | 2540015 | G01 | NASHVILLE | 72 | 51 | | 15 | 7 | .10 | 8 |
| TENNESSEE | 44 | 2540016 | G01 | NASHVILLE | 72 | 50 | | 13 | 12 | .10 | 8 |
| TENNESSEE | 44 | 2540017 | G01 | NASHVILLE | 72 | 44 | | 37 | 35 | | |
| TENNESSEE | 44 | 2540018 | G01 | NASHVILLE | 72 | 48 | | 22 | 13 | .11 | 8 |
| TENNESSEE | 44 | 2540019 | G01 | NASHVILLE | 72 | 30 | | 16 | 16 | | |
| TENNESSEE | 44 | 2540020 | G01 | NASHVILLE | 72 | 50 | | 28 | 14 | .11 | 8 |

# Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCDG 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|
| 211 AMARILLO-LUBBOCK (TEX) | | | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| TEXAS | 45 | 0070002 | A01 AMARILLO | 72 | 17 | | 8 | 7 | | |
| TEXAS | 45 | 3340001 | A01 LUBBOCK | 72 | 24 | | 9 | 7 | | |
| 212 AUSTIN-WACO (TEX) | | | | | ** PRIORITY 3 ** | | | AS OF OCTOBER 07, 1973 | | |
| TEXAS | 45 | 0220002 | A01 AUSTIN | 72 | 21 | | 16 | 9 | | |
| 214 CORPUS CHRISTI-VICTORIA (TEX) | | | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| TEXAS | 45 | 1150001 | A01 CORPUS CHRISTI | 72 | 26 | | 10 | 7 | .05 | 4 |
| 215 METROPOLITAN DALLAS-FORT WORTH (TEX) | | | | | ** PRIORITY 3 ** | | | AS OF OCTOBER 07, 1973 | | |
| TEXAS | 45 | 1310002 | A01 DALLAS | 72 | 27 | | 17 | 12 | .07 | 5 |
| TEXAS | 45 | 1880001 | A01 FORT WORTH | 72 | 29 | | 12 | 12 | .05 | 4 |
| 216 METROPOLITAN HOUSTON-GALVESTON (TEX) | | | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| TEXAS | 45 | 2560001 | A01 HOUSTON | 72 | 26 | | 9 | 9 | .05 | 4 |
| TEXAS | 45 | 3530001 | A03 MATAGORDA COUNTY | 72 | 26 | | 10 | 8 | .05 | 4 |
| TEXAS | 45 | 4060002 | A01 PASADENA | 72 | 27 | | 52 | 47 | .11 | 8 |
| 217 METROPOLITAN SAN ANTONIO (TEX) | | | | | ** PRIORITY 3 ** | | | AS OF OCTOBER 07, 1973 | | |
| TEXAS | 45 | 4570001 | A01 SAN ANTONIO | 72 | 28 | | 13 | 10 | .05 | 4 |
| 218 MIDLAND-ODESSA-SAN ANGELO (TEX) | | | | | ** PRIORITY 2 ** | | | AS OF OCTOBER 07, 1973 | | |
| TEXAS | 45 | 5200001 | A03 TOM GREEN COUNTY | 72 | 26 | | 12 | 7 | .05 | 4 |
| 220 WASATCH FRONT (UTAH) | | | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| UTAH | 46 | 0920001 | A01 SALT LAKE CITY | 72 | 27 | | 50 | 24 | .12 | 10 |
| 222 CENTRAL VIRGINIA | | | | | ** PRIORITY 3 ** | | | AS OF OCTOBER 07, 1973 | | |
| VIRGINIA | 48 | 0320008 | F02 BEDFORD | 72 | 28 | | 70 | 70 | | |
| VIRGINIA | 48 | 0340003 | F02 BEDFORD COUNTY | 72 | 10 | | 10 | 5 | | |
| VIRGINIA | 48 | 0920006 | F02 DANVILLE | 72 | 22 | | 18 | 10 | | |
| VIRGINIA | 48 | 0920007 | F02 DANVILLE | 72 | 21 | | 10 | 5 | | |
| VIRGINIA | 48 | 1200002 | F02 FRANKLIN COUNTY | 72 | 9 | | 60 | 55 | | |
| VIRGINIA | 48 | 1520003 | F02 HENRY COUNTY | 72 | 53 | | 62 | 57 | | |
| VIRGINIA | 48 | 1840003 | F01 LYNCHBURG | 72 | 61 | | 73 | 73 | .33 | 26 |
| VIRGINIA | 48 | 1940005 | F01 MARTINSVILLE | 72 | 57 | | 91 | 89 | | |
| 223 HAMPTON ROADS (VA) | | | | | ** PRIORITY 2 ** | | | AS OF OCTOBER 07, 1973 | | |
| VIRGINIA | 48 | 0710001 | F02 CHESAPEAKE | 72 | 18 | | 57 | 49 | | |
| VIRGINIA | 48 | 0710003 | F02 CHESAPEAKE | 72 | 88 | | 70 | 70 | .31 | 25 |
| VIRGINIA | 48 | 0710005 | F02 CHESAPEAKE | 72 | 75 | | 282 | 199 | .40 | 32 |
| VIRGINIA | 48 | 1180002 | F01 FRANKLIN | 72 | 67 | | 68 | 68 | | |
| VIRGINIA | 48 | 2060002 | F02 NANSEMOND COUNTY | 72 | 67 | | 94 | 62 | .22 | 18 |
| VIRGINIA | 48 | 2120001 | A01 NEWPORT NEWS | 72 | 18 | | 14 | 9 | | |

## Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| VIRGINIA | 48 | 2140001 | A01 | NORFOLK | 72 | 27 | 1 | 850 | 156 | - | |
| VIRGINIA | 48 | 2140007 | F01 | NORFOLK | 72 | 66 | | 96 | 86 | .29 | 23 |
| VIRGINIA | 48 | 2140010 | F01 | NORFOLK | 72 | 74 | | 68 | 68 | .30 | 24 |
| VIRGINIA | 48 | 2140012 | F02 | NORFOLK | 72 | 60 | | 68 | 65 | .37 | 30 |
| VIRGINIA | 48 | 2440001 | A01 | PORTSMOUTH | 72 | 28 | | 73 | 68 | .32 | 25 |
| VIRGINIA | 48 | 3080003 | F02 | SUFFOLK | 72 | 67 | | 68 | 62 | .29 | 23 |
| VIRGINIA | 48 | 3240003 | F02 | VIRGINIA BEACH | 72 | 71 | | 68 | 68 | - | |
| VIRGINIA | 48 | 3480002 | F02 | YORK COUNTY | 72 | 65 | | 73 | 70 | .26 | 20 |
| 224 NORTHEASTERN VIRGINIA | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| VIRGINIA | 48 | 1240001 | F02 | FREDERICKSBURG | 72 | 6 | | 13 | 10 | - | |
| 225 STATE CAPITAL (VA) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| VIRGINIA | 48 | 0720002 | F02 | CHESTERFIELD COUNTY | 72 | 50 | | 68 | 65 | - | |
| VIRGINIA | 48 | 1500002 | F01 | HENRICO COUNTY | 72 | 50 | | 81 | 75 | - | |
| VIRGINIA | 48 | 1500007 | F02 | HENRICO COUNTY | 72 | 47 | | 70 | 68 | - | |
| VIRGINIA | 48 | 1500008 | F02 | HENRICO COUNTY | 72 | 46 | | 73 | 69 | - | |
| VIRGINIA | 48 | 1560002 | F02 | HOPEWELL | 72 | 43 | | 73 | 69 | - | |
| VIRGINIA | 48 | 2360002 | F01 | PETERSBURG | 72 | 34 | | 73 | 68 | - | |
| VIRGINIA | 48 | 2500001 | F02 | PRINCE GEORGE COUNTY | 72 | 72 | | 70 | 70 | .30 | 24 |
| VIRGINIA | 48 | 2660002 | A01 | RICHMOND | 72 | 15 | | 42 | 25 | - | |
| 226 VALLEY OF VIRGINIA | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| VIRGINIA | 48 | 0840005 | F02 | COVINGTON | 72 | 47 | | 41 | 23 | - | |
| VIRGINIA | 48 | 2560007 | F02 | PULASKI | 72 | 71 | | 68 | 68 | .31 | 24 |
| VIRGINIA | 48 | 2890001 | A03 | SHENANDOAH NATIONAL PK | 72 | 27 | | 31 | 29 | .10 | 8 |
| VIRGINIA | 48 | 3320001 | F02 | WAYNESBORO | 72 | 58 | | 62 | 62 | .32 | 26 |
| 229 PUGET SOUND (WASH) | | | | | | ** PRIORITY 1A ** | | | | AS OF OCTOBER 07, 1973 | |
| WASHINGTON | 49 | 0980002 | A03 | KING COUNTY | 72 | 21 | | 12 | 8 | - | |
| WASHINGTON | 49 | 1840001 | A01 | SEATTLE | 72 | 29 | | 107 | 95 | .38 | 30 |
| WASHINGTON | 49 | 2140001 | A01 | TACOMA | 72 | 25 | | 73 | 57 | .16 | 13 |
| 234 KANAWHA VALLEY (W. VA.) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| WEST VIRGINIA | 50 | 0280001 | A01 | CHARLESTON | 72 | 27 | | 26 | 19 | .08 | 6 |
| WEST VIRGINIA | 50 | 0280007 | F02 | CHARLESTON | 72 | 36 | | 120 | 114 | - | |
| WEST VIRGINIA | 50 | 0760002 | F02 | KANAWHA COUNTY | 72 | 37 | | 147 | 58 | - | |
| WEST VIRGINIA | 50 | 1340001 | F02 | NITRO | 72 | 34 | | 52 | 52 | - | |
| WEST VIRGINIA | 50 | 1560001 | F01 | PUTNAM COUNTY | 72 | 11 | | 24 | 16 | - | |
| WEST VIRGINIA | 50 | 1560002 | F02 | PUTNAM COUNTY | 72 | 25 | | 71 | 45 | - | |
| WEST VIRGINIA | 50 | 1560003 | F02 | PUTNAM COUNTY | 72 | 34 | | 58 | 42 | - | |
| WEST VIRGINIA | 50 | 1760003 | F01 | SOUTH CHARLESTON | 72 | 37 | | 39 | 31 | - | |
| WEST VIRGINIA | 50 | 1760004 | F02 | SOUTH CHARLESTON | 72 | 34 | | 149 | 73 | - | |
| 237 LAKE MICHIGAN (WISC) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| WISCONSIN | 51 | 0780001 | A03 | DOOR COUNTY | 72 | 23 | | 23 | 14 | | |

## Table A-2 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | ANNUAL RATIO TO ANN. STD | ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 239 SOUTHEASTERN WISCONSIN | | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| WISCONSIN | 51 | 2200001 | A01 | MILWAUKEE | 72 | 30 | | 124 | 79 | .27 | 22 |
| 240 SOUTHERN WISCONSIN | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| WISCONSIN | 51 | 1860001 | A01 | MADISON | 72 | 27 | | 37 | 31 | .14 | 11 |
| 241 CASPER (WYO) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| WYOMING | 52 | 0120001 | A01 | CASPER | 72 | 28 | | 16 | 13 | .06 | 5 |
| 243 WYOMING (REMAINDER) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 07, 1973 | |
| WYOMING | 52 | 0860001 | A03 | YELLOWSTONE PARK | 72 | 20 | | 11 | 8 | .05 | 4 |
| 244 PUERTO RICO | | | | | | ** PRIORITY 1A ** | | | | AS OF OCTOBER 07, 1973 | |
| PUERTO RICO | 40 | 0380002 | A01 | BAYAMON | 72 | 29 | | 19 | 14 | .07 | 5 |
| PUERTO RICO | 40 | 1080002 | A01 | GUAYANILLA | 72 | 28 | | 12 | 12 | .06 | 5 |
| PUERTO RICO | 40 | 1920002 | A01 | PONCE | 72 | 27 | | 13 | 9 | .06 | 5 |
| PUERTO RICO | 40 | 2140001 | A01 | SAN JUAN | 72 | 25 | | 37 | 13 | .08 | 6 |
| 246 GUAM | | | | | | ** PRIORITY 2 ** | | | | AS OF OCTOBER 07, 1973 | |
| GUAM | 54 | 0190001 | F03 | INARAJAN DIST | 72 | 7 | | 38 | 34 | | |
| GUAM | 54 | 0290001 | F02 | PITI DIST | 72 | 10 | | 227 | 153 | | |
| 247 U.S. VIRGIN ISLANDS | | | | | | ** PRIORITY 1A ** | | | | AS OF OCTOBER 07, 1973 | |
| VIRGIN ISLANDS | 55 | 0010001 | F02 | CHARLOTTE AMALIE | 72 | 280 | 3 | 2,617 | 2,617 | .55 | 44 |
| VIRGIN ISLANDS | 55 | 0030002 | F01 | CHRISTIANSTED | 72 | 61 | | 18 | 15 | | |

# Table A-3. DATA FROM STATIONS MONITORING $SO_2$ WITH WEST-GAEKE COLORIMETRIC METHOD

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. | NO. OF VALUES EXC'D'G 3-HR STD | ANNUAL RATIO TO ANN. STD | ANNUAL ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|
| 015 PHOENIX-TUCSON (ARIZ) | | | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| ARIZONA | 03 | 0440003 | G01 MARICOPA COUNTY | 72 | 2,169 | | 178 | | * | |
| 043 NEW JERSEY-NEW YORK-CONNECTICUT | | | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| NEW JERSEY | 31 | 0060001 | F01 ASBURY PARK | 72 | 8,257 | | 124 | | .24 | 19 |
| NEW JERSEY | 31 | 0180003 | F01 BAYONNE | 72 | 7,937 | | 216 | | .65 | 52 |
| NEW JERSEY | 31 | 1300003 | F01 ELIZABETH | 72 | 8,290 | | 177 | | .58 | 46 |
| NEW JERSEY | 31 | 1620001 | F01 FREEHOLD | 72 | 8,121 | | 150 | | .28 | 23 |
| NEW JERSEY | 31 | 1820001 | F01 HACKENSACK | 72 | 8,343 | | 149 | | .49 | 39 |
| NEW JERSEY | 31 | 2320002 | F01 JERSEY CITY | 72 | 8,334 | | 227 | | .61 | 49 |
| NEW JERSEY | 31 | 3480002 | F01 NEWARK | 72 | 8,125 | | 222 | | .69 | 55 |
| NEW JERSEY | 31 | 4140003 | F01 PATERSON | 72 | 8,331 | | 86 | | .26 | 21 |
| NEW JERSEY | 31 | 4220003 | F01 PERTH AMBOY | 72 | 8,037 | | 290 | | .59 | 47 |
| NEW JERSEY | 31 | 5060001 | F01 SOMERVILLE | 72 | 8,228 | | 102 | | .29 | 23 |
| 045 METROPOLITAN PHILADELPHIA (DEL-N.J.-PA) | | | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| DELAWARE | 08 | 0160001 | F01 NEW CASTLE | 72 | 7,656 | | 144 | | .48 | 38 |
| DELAWARE | 08 | 0180006 | F01 NEW CASTLE COUNTY | 72 | 5,062 | | 291 | | * | |
| DELAWARE | 08 | 0180010 | F01 NEW CASTLE COUNTY | 72 | 8,087 | | 232 | | .52 | 41 |
| DELAWARE | 08 | 0260002 | F01 WILMINGTON | 72 | 7,787 | | 192 | | .71 | 57 |
| NEW JERSEY | 31 | 0640001 | F01 BURLINGTON | 72 | 8,373 | | 230 | | .44 | 35 |
| NEW JERSEY | 31 | 0720003 | F01 CAMDEN | 72 | 8,265 | | 277 | | 1.05 | 84 |
| NEW JERSEY | 31 | 0720004 | F01 CAMDEN | 72 | 8,442 | | 226 | | .68 | 54 |
| NEW JERSEY | 31 | 0740001 | F01 CAMDEN COUNTY | 72 | 8,032 | | 101 | | .22 | 18 |
| NEW JERSEY | 31 | 4160001 | F01 PAULSBORO | 72 | 8,089 | 2 | 591 | | .63 | 50 |
| NEW JERSEY | 31 | 4200001 | F01 PENNS GROVE | 72 | 8,430 | | 198 | | .50 | 40 |
| NEW JERSEY | 31 | 5400002 | F01 TRENTON | 72 | 8,043 | | 191 | | .43 | 34 |
| PENNSYLVANIA | 39 | 7140018 | H01 PHILADELPHIA | 72 | 2,002 | | 223 | | * | |
| 049 JACKSONVILLE-BRUNSWICK (FLA-GA) | | | | | ** PRIORITY 2 ** | | | AS OF OCTOBER 07, 1973 | | |
| FLORIDA | 10 | 1960035 | H01 JACKSONVILLE | 72 | 4,513 | 183 | 9,692 | 4,511 | * | |
| FLORIDA | 10 | 1960049 | H01 JACKSONVILLE | 72 | 2,411 | | 200 | | * | |
| 079 METROPOLITAN CINCINNATI (IND-KY-OHIO) | | | | | ** PRIORITY 2 ** | | | AS OF OCTOBER 07, 1973 | | |
| KENTUCKY | 18 | 3020001 | F01 NEWPORT | 72 | 6,103 | | 211 | | * | |
| 150 NEW JERSEY (REMAINDER) | | | | | ** PRIORITY 1A ** | | | AS OF OCTOBER 07, 1973 | | |
| NEW JERSEY | 31 | 0100002 | F01 ATLANTIC CITY | 72 | 7,764 | | 92 | | .26 | 21 |
| NEW JERSEY | 31 | 5360001 | F01 TOMS RIVER | 72 | 8,268 | | 59 | | .22 | 18 |
| 151 NORTHEAST PENNSYLVANIA-UPPER DEL. VAL. (PENN-N.J.) | | | | | ** PRIORITY 2 ** | | | AS OF OCTOBER 07, 1973 | | |
| NEW JERSEY | 31 | 4240002 | F01 PHILLIPSBURG | 72 | 8,369 | | 166 | | .54 | 43 |
| 158 CENTRAL NEW YORK | | | | | ** PRIORITY 2 ** | | | AS OF OCTOBER 07, 1973 | | |
| NEW YORK | 33 | 6620005 | F01 SYRACUSE | 72 | 5,926 | | 103 | | * | |
| NEW YORK | 33 | 6620009 | F01 SYRACUSE | 72 | 4,705 | | 143 | | * | |
| 162 NIAGARA FRONTIER (N.Y.) | | | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| NEW YORK | 33 | 6600005 | F01 BUFFALO | 72 | 5,604 | | 357 | | * | |

# Table A-4. DATA FROM STATIONS MONITORING $SO_2$ WITH CONDUCTOMETRIC METHOD

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. | NO. OF VALUES EXC'D'G 3-HR STD | ANNUAL RATIO TO ANN. STD | ANNUAL ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 015 PHOENIX-TUCSON (ARIZ) | | | | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| ARIZONA | 03 | 0440003 | G01 | MARICOPA COUNTY | 72 | 5,834 | | 176 | | * | |
| ARIZONA | 03 | 0600002 | G01 | PHOENIX | 72 | 6,538 | | 103 | | * | |
| 024 METROPOLITAN LOS ANGELES (CALIF) | | | | | | ** PRIORITY 2 ** | | | AS OF OCTOBER 07, 1973 | | |
| CALIFORNIA | 05 | 0230001 | I01 | ANAHEIM | 72 | 8,579 | | 81 | | .34 | 27 |
| CALIFORNIA | 05 | 0500002 | I01 | AZUSA | 72 | 8,258 | | 119 | | .57 | 46 |
| CALIFORNIA | 05 | 3420001 | I01 | INDIO | 72 | 4,523 | | 84 | | * | |
| CALIFORNIA | 05 | 3620001 | I01 | LA HABRA | 72 | 8,391 | | 122 | | .43 | 34 |
| CALIFORNIA | 05 | 3900001 | I01 | LENNOX | 72 | 8,348 | | 335 | 2 | .94 | 75 |
| CALIFORNIA | 05 | 4100002 | I01 | LONG BEACH | 72 | 8,250 | | 321 | | .82 | 66 |
| CALIFORNIA | 05 | 4120001 | I01 | LOS ALAMITOS | 72 | 7,600 | | 171 | | .48 | 38 |
| CALIFORNIA | 05 | 4180001 | I01 | LOS ANGELES | 72 | 8,323 | | 167 | | .64 | 51 |
| CALIFORNIA | 05 | 4180002 | I01 | LOS ANGELES | 72 | 8,524 | | 96 | | .47 | 37 |
| CALIFORNIA | 05 | 4200001 | I01 | LOS ANGELES COUNTY | 72 | 8,638 | | 64 | | .38 | 31 |
| CALIFORNIA | 05 | 5120001 | I01 | NEWHALL | 72 | 2,046 | | 88 | | * | |
| CALIFORNIA | 05 | 8720001 | I01 | WHITTIER | 72 | 8,150 | | 156 | | .60 | 48 |
| 029 SAN DIEGO (CALIF) | | | | | | ** PRIORITY 3 ** | | | AS OF OCTOBER 07, 1973 | | |
| CALIFORNIA | 05 | 2220001 | I01 | EL CAJON | 72 | 5,043 | | 45 | | * | |
| 030 SAN FRANCISCO BAY AREA (CALIF) | | | | | | ** PRIORITY 2 ** | | | AS OF OCTOBER 07, 1973 | | |
| CALIFORNIA | 05 | 5880001 | I01 | PITTSBURG | 72 | 8,058 | | 70 | | .27 | 22 |
| 033 SOUTHEAST DESERT (CALIF) | | | | | | ** PRIORITY 3 ** | | | AS OF OCTOBER 07, 1973 | | |
| CALIFORNIA | 05 | 6400001 | I01 | RIVERSIDE | 72 | 4,872 | | 76 | | * | |
| CALIFORNIA | 05 | 6680001 | I01 | SAN BERNARDINO | 72 | 8,226 | | 56 | | .33 | 26 |
| 036 METROPOLITAN DENVER (COLO) | | | | | | ** PRIORITY 3 ** | | | AS OF OCTOBER 07, 1973 | | |
| COLORADO | 06 | 0580002 | A10 | DENVER | 72 | 3,416 | | 72 | | * | |
| 043 NEW JERSEY-NEW YORK-CONNECTICUT | | | | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| NEW YORK | 33 | 4680014 | H01 | NEW YORK CITY | 72 | 8,638 | | 303 | | 1.04 | 83 |
| 045 METROPOLITAN PHILADELPHIA (DEL-N.J.-PA) | | | | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| DELAWARE | 08 | 0140002 | F01 | NEWARK | 72 | 5,038 | | 281 | | * | |
| DELAWARE | 08 | 0180004 | F01 | NEW CASTLE COUNTY | 72 | 5,457 | | 219 | | * | |
| DELAWARE | 08 | 0260004 | F01 | WILMINGTON | 72 | 6,589 | | 226 | | .75 | 60 |
| PENNSYLVANIA | 39 | 7140004 | H01 | PHILADELPHIA | 72 | 6,451 | | 329 | | * | |
| 047 NATIONAL CAPITAL (D.C.-MD-VA) | | | | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| DIST COLUMBIA | 09 | 0020003 | A10 | WASHINGTON | 72 | 4,252 | | 260 | | * | |
| DIST COLUMBIA | 09 | 0020008 | I02 | WASHINGTON, D. C. | 72 | 4,495 | 1 | 410 | | * | |
| VIRGINIA | 48 | 2870004 | G01 | SEVEN CORNERS | 72 | 6,258 | | 296 | | * | |

## Table A-4 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH CONDUCTOMETRIC METHOD

| AIR QUALITY CONTROL REGION | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. | NO. OF VALUES EXC'D'G 3-HR STD | ANNUAL RATIO TO ANN. STD | ANNUAL ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|
| 062 EASTERN WASHINGTON-NORTHERN IDAHO (IDAHO-WASHINGTO | | | ** PRIORITY 1A ** | | | AS OF OCTOBER 07, 1973 | | |
| WASHINGTON | 49 2040012 F01 SPOKANE | 72 | 7,436 | | 188 | | .71 | 57 |
| 067 METROPOLITAN CHICAGO (ILL-IND) | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| ILLINOIS | 14 1220002 A10 CHICAGO | 72 | 6,114 | | 336 | | * | |
| 079 METROPOLITAN CINCINNATI (IND-KY-OHIO) | | | ** PRIORITY 2 ** | | | AS OF OCTOBER 07, 1973 | | |
| OHIO | 36 1220003 A10 CINCINNATI | 72 | 3,527 | | 141 | | * | |
| 080 METROPOLITAN INDIANAPOLIS (IND) | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| INDIANA | 15 2040008 H01 INDIANAPOLIS IND | 72 | 2,404 | | 142 | | * | |
| INDIANA | 15 2040025 F01 INDIANAPOLIS | 72 | 4,236 | 2 | 1,335 | 12 | * | |
| 115 METROPOLITAN BALTIMORE (MD) | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| MARYLAND | 21 1360002 G01 RIVIERA BEACH | 72 | 1,676 | | 237 | | * | |
| 124 METROPOLITAN TOLEDO (MICH-OHIO) | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| OHIO | 36 5200001 H01 OREGON | 72 | 2,148 | 2 | 475 | | * | |
| OHIO | 36 6600006 H01 TOLEDO | 72 | 1,942 | 1 | 436 | | * | |
| OHIO | 36 6600007 H01 TOLEDO | 72 | 2,068 | | 246 | | * | |
| 138 SOUTHEAST MISSOURI | | | ** PRIORITY 3 ** | | | AS OF OCTOBER 07, 1973 | | |
| MISSOURI | 26 2200003 F02 IRON COUNTY | 72 | 3,439 | | 121 | | * | |
| 174 GREATER METROPOLITAN CLEVELAND (OHIO) | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| OHIO | 36 0060013 H01 AKRON | 72 | 5,838 | 2 | 579 | | * | |
| 193 PORTLAND (ORE-WASH) | | | ** PRIORITY 1A ** | | | AS OF OCTOBER 07, 1973 | | |
| OREGON | 38 1460002 F01 PORTLAND | 72 | 4,181 | | 186 | | * | |
| WASHINGTON | 49 1140004 F01 LONGVIEW | 72 | 7,721 | | 160 | | .41 | 33 |
| 228 OLYMPIC-NORTHWEST WASHINGTON | | | ** PRIORITY 2 ** | | | AS OF OCTOBER 07, 1973 | | |
| WASHINGTON | 49 0060002 I01 ANACORTES WASH | 72 | 2,901 | | 160 | | * | |
| 229 PUGET SOUND (WASH) | | | ** PRIORITY 1A ** | | | AS OF OCTOBER 07, 1973 | | |
| WASHINGTON | 49 0640003 I01 EVERETT | 72 | 6,406 | | 58 | | * | |
| WASHINGTON | 49 1840059 F01 SEATTLE | 72 | 4,593 | | 133 | | * | |
| WASHINGTON | 49 2140001 F01 TACOMA | 72 | 7,776 | | 239 | | .76 | 61 |
| WASHINGTON | 49 2140003 I01 TACOMA | 72 | 8,033 | | 182 | | .37 | 29 |
| WASHINGTON | 49 2140006 F01 TACOMA | 72 | 7,274 | | 223 | | .57 | 45 |

# Table A-5. DATA FROM STATIONS MONITORING $SO_2$ WITH COULOMETRIC METHOD

| AIR QUALITY CONTROL REGION | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. | NO. OF VALUES EXC'D'G 3-HR STD | ANNUAL RATIO TO ANN. STD | ANNUAL ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|
| 005 MOBILE-PENSACOLA-PANAMA CITY-S.MISS.(ALA-FLA-MISS) | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| ALABAMA | 01 2400019 F01 MOBILE COUNTY | 72 | 7,050 | 4 | 724 | 13 | .60 | 48 |
| 012 ARIZONA-NEW MEXICO SOUTHERN BORDER (ARIZ.-N. MEXIC | | | ** PRIORITY 1A ** | | | AS OF OCTOBER 07, 1973 | | |
| ARIZONA | 03 0160002 F02 CLIFTON | 72 | 4,559 | 10 | 1,010 | 84 | * | |
| ARIZONA | 03 0180001 F02 COCHISE COUNTY | 72 | 3,636 | 7 | 822 | 131 | * | |
| ARIZONA | 03 0180003 F02 COCHISE COUNTY | 72 | 3,543 | 1 | 570 | 39 | * | |
| 015 PHOENIX-TUCSON (ARIZ) | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| ARIZONA | 03 0140001 F02 CLAYPOOL | 72 | 7,442 | 12 | 842 | 92 | 1.40 | 112 |
| ARIZONA | 03 0300001 F02 GILA COUNTY | 72 | 5,328 | 17 | 7,137 | 277 | * | |
| 043 NEW JERSEY-NEW YORK-CONNECTICUT | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| NEW YORK | 33 2900005 F01 HEMPSTEAD (T) | 72 | 5,913 | | 245 | | * | |
| NEW YORK | 33 4100001 F01 MAMARONECK | 72 | 5,814 | 2 | 465 | | * | |
| NEW YORK | 33 4680050 F01 NEW YORK CITY | 72 | 6,035 | 1 | 392 | | * | |
| 049 JACKSONVILLE-BRUNSWICK (FLA-GA) | | | ** PRIORITY 2 ** | | | AS OF OCTOBER 07, 1973 | | |
| FLORIDA | 10 1960032 H01 JACKSONVILLE | 72 | 1,731 | | 190 | | * | |
| 050 SOUTHEAST FLORIDA | | | ** PRIORITY 3 ** | | | AS OF OCTOBER 07, 1973 | | |
| FLORIDA | 10 0860008 F02 DADE COUNTY | 72 | 3,605 | | 26 | | * | |
| 056 METROPOLITAN ATLANTA (GA) | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 12, 1973 | | |
| GEORGIA | 11 0200001 G01 ATLANTA | 72 | 4,070 | ***** | * | ***** | * | |
| 067 METROPOLITAN CHICAGO (ILL-IND) | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| INDIANA | 15 1180008 F02 EAST CHICAGO | 72 | 3,524 | 1 | 480 | 4 | * | |
| INDIANA | 15 1780002 F01 HAMMOND | 72 | 5,611 | 2 | 376 | | * | |
| 078 LOUISVILLE (IND-KY) | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| KENTUCKY | 18 1920023 G01 JEFFERSON COUNTY | 72 | 3,795 | | 153 | 2 | * | |
| KENTUCKY | 18 2380004 G01 LOUISVILLE | 72 | 5,706 | | 191 | | * | |
| KENTUCKY | 18 2380011 G01 LOUISVILLE | 72 | 1,995 | | 222 | | * | |
| KENTUCKY | 18 3620002 G01 ST. MATTHEWS | 72 | 6,136 | | 128 | | * | |
| KENTUCKY | 18 3720002 G01 SHIVELY | 72 | 6,815 | | 193 | | .85 | 68 |
| 094 METROPOLITAN KANSAS CITY (KAN-MO) | | | ** PRIORITY 3 ** | | | AS OF OCTOBER 07, 1973 | | |
| KANSAS | 17 1800001 G01 KANSAS CITY | 72 | 6,069 | | 277 | | * | |
| KANSAS | 17 1800011 F01 KANSAS CITY | 72 | 4,832 | | 208 | | * | |
| 095 NORTHEAST KANSAS | | | ** PRIORITY 3 ** | | | AS OF OCTOBER 07, 1973 | | |
| KANSAS | 17 3560003 F01 TOPEKA | 72 | 4,737 | | 58 | | * | |

## Table A-5 (continued). DATA FROM STATIONS MONITORING $SO_2$ WITH COULOMETRIC METHOD

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. | NO. OF VALUES EXC'D'G 3-HR STD | ANNUAL RATIO TO ANN. STD | ANNUAL ARITH. MEAN UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|
| 122 CENTRAL MICHIGAN | | | | | ** PRIORITY 3 ** | | | AS OF OCTOBER 07, 1973 | | |
| MICHIGAN | 23 | 1820002 | H01 | GRAND RAPIDS MICH | 72 | 6,660 | | 213 | .57 | 46 |
| MICHIGAN | 23 | 3740010 | G01 | MUSKEGON | 72 | 7,145 | | 229 | .39 | 31 |
| 123 METROPOLITAN DETROIT-PORT HURON (MICH) | | | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| MICHIGAN | 23 | 0160001 | G01 | ALLEN PARK | 72 | 6,618 | | 286 | .56 | 44 |
| MICHIGAN | 23 | 1140003 | G01 | DEARBORN | 72 | 3,478 | | 255 | * | |
| MICHIGAN | 23 | 1180015 | G01 | DETROIT | 72 | 6,445 | | 354 | * | |
| MICHIGAN | 23 | 1180016 | G01 | DETROIT | 72 | 6,138 | | 279 | * | |
| MICHIGAN | 23 | 1180017 | G01 | DETROIT | 72 | 6,526 | | 208 | * | |
| MICHIGAN | 23 | 1180019 | G01 | DETROIT | 72 | 7,278 | | 247 | .53 | 42 |
| MICHIGAN | 23 | 1180020 | G01 | DETROIT | 72 | 7,998 | | 305 | .87 | 70 |
| MICHIGAN | 23 | 3040002 | G01 | LIVONIA | 72 | 6,904 | | 134 | .32 | 26 |
| MICHIGAN | 23 | 4340003 | F01 | PORT HURON | 72 | 5,856 | | 303 | * | |
| MICHIGAN | 23 | 4420005 | G01 | RIVER ROUGE | 72 | 7,217 | | 289 | .61 | 48 |
| MICHIGAN | 23 | 5120003 | G01 | TRENTON | 72 | 7,268 | | 179 | .45 | 36 |
| MICHIGAN | 23 | 5320009 | G01 | WAYNE COUNTY | 72 | 5,703 | | 145 | * | |
| MICHIGAN | 23 | 5325001 | G01 | WESTLAND | 72 | 6,750 | | 184 | .37 | 30 |
| 124 METROPOLITAN TOLEDO (MICH-OHIO) | | | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| MICHIGAN | 23 | 3580020 | F01 | MONROE | 72 | 7,224 | 1 | 456 | .77 | 61 |
| MICHIGAN | 23 | 3580021 | F01 | MONROE | 72 | 6,468 | | 137 | * | |
| 125 SOUTH CENTRAL MICHIGAN | | | | | ** PRIORITY 2 ** | | | AS OF OCTOBER 07, 1973 | | |
| MICHIGAN | 23 | 2840002 | F01 | LANSING | 72 | 5,347 | 2 | 595 | * | |
| 131 MINNEAPOLIS-ST. PAUL (MINN) | | | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| MINNESOTA | 24 | 2260022 | H01 | MINNEAPOLIS | 72 | 7,413 | 4 | 429 | .83 | 67 |
| MINNESOTA | 24 | 3300001 | H01 | ST PAUL | 72 | 8,133 | 1 | 386 | .71 | 57 |
| 160 GENESEE-FINGER LAKES (N.Y.) | | | | | ** PRIORITY 2 ** | | | AS OF OCTOBER 07, 1973 | | |
| NEW YORK | 33 | 5760004 | F01 | ROCHESTER (C) | 72 | 6,324 | | 184 | * | |
| 161 HUDSON VALLEY (N.Y.) | | | | | ** PRIORITY 2 ** | | | AS OF OCTOBER 07, 1973 | | |
| NEW YORK | 33 | 3500002 | F01 | KINGSTON | 72 | 6,169 | | 320 | * | |
| NEW YORK | 33 | 5680001 | F01 | RENSSELAER | 72 | 6,125 | | 178 | * | |
| NEW YORK | 33 | 6020003 | F01 | SCHENECTADY | 72 | 5,082 | | 181 | * | |
| 162 NIAGARA FRONTIER (N.Y.) | | | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 07, 1973 | | |
| NEW YORK | 33 | 0660005 | F01 | BUFFALO | 72 | 6,219 | | 322 | * | |
| NEW YORK | 33 | 4740006 | F01 | NIAGARA FALLS | 72 | 4,992 | 3 | 414 | * | |

# Table A-6. DATA FROM STATIONS MONITORING CO WITH NONDISPERSIVE INFRARED CONTINUOUS METHOD

| AIR QUALITY CONTROL REGION | | YEAR 19-- | NO. OF VALID VALUES | NO. OF VALUES EXCEEDING STANDARDS 1-HR | 8-HR | 99TH PCTL OF 1-HR VALUES, MG/CU.M. | HIGHEST 1-HR VALUES MG/CU.M. 1ST | 2ND | HIGHEST 8-HR AVGS MG/CU.M. 1ST | 2ND | ANNUAL ARITH. MEAN MG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 009 NORTHERN ALASKA | | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 12, 1973 | | | | |
| ALASKA | 02 0160002 G01 FAIRBANKS | 72 | 7,461 | 6 | 1,249 | 25 | 46 | 43 | 30.3 | | 6 |
| 015 PHOENIX-TUCSON (ARIZ) | | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 12, 1973 | | | | |
| ARIZONA | 03 0600002 G01 PHOENIX | 72 | 6,459 | 16 | 684 | 28 | 51 | 44 | 42 | | |
| 024 METROPOLITAN LOS ANGELES (CALIF) | | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 12, 1973 | | | | |
| CALIFORNIA | 05 0230001 I01 ANAHEIM | 72 | 8,598 | | 445 | 17 | 39 | 35 | 27.9 | | 5 |
| CALIFORNIA | 05 0530002 I01 AZUSA | 72 | 8,509 | | 46 | 10 | 16 | 14 | 12.5 | | 4 |
| CALIFORNIA | 05 1030001 I01 CAMARILLO | 72 | 7,171 | | 1 | 7 | 12 | 12 | 10.0 | | 1 |
| CALIFORNIA | 05 3420001 I01 INDIO | 72 | 7,471 | | 479 | 14 | 29 | 23 | 19.5 | | 4 |
| CALIFORNIA | 05 3620001 I01 LA HABRA | 72 | 7,867 | | 1,127 | 22 | 36 | 34 | 30.1 | | 7 |
| CALIFORNIA | 05 3740001 I01 LANCASTER | 72 | 8,679 | | 5 | 9 | 17 | 17 | 12.4 | | 3 |
| CALIFORNIA | 05 3900001 I01 LENNOX | 72 | 8,523 | 15 | 1,401 | 29 | 56 | 54 | 38.1 | | 6 |
| CALIFORNIA | 05 4100002 I01 LONG BEACH | 72 | 8,473 | | 584 | 18 | 31 | 27 | 22.0 | | 6 |
| CALIFORNIA | 05 4120001 I01 LOS ALAMITOS | 72 | 7,441 | | 297 | 17 | 39 | 35 | 28.3 | | 4 |
| CALIFORNIA | 05 4180001 I01 LOS ANGELES | 72 | 8,727 | | 910 | 20 | 39 | 39 | 29.5 | | 6 |
| CALIFORNIA | 05 4180002 I01 LOS ANGELES | 72 | 8,756 | | 523 | 19 | 39 | 34 | 25.3 | | 5 |
| CALIFORNIA | 05 4200001 I01 LOS ANGELES COUNTY | 72 | 8,725 | 3 | 804 | 21 | 42 | 42 | 36.5 | | 5 |
| CALIFORNIA | 05 5120001 I01 NEWHALL | 72 | 8,597 | | 52 | 11 | 21 | 19 | 14.8 | | 4 |
| CALIFORNIA | 05 5340001 I01 OJAI | 72 | 7,919 | | | 6 | 13 | 13 | 9.5 | | 2 |
| CALIFORNIA | 05 5380002 I01 ONTARIO | 72 | 7,049 | | 1,122 | 16 | 21 | 21 | 17.4 | | 3 |
| CALIFORNIA | 05 7200002 F01 SANTA BARBARA | 72 | 8,268 | | | 5 | 13 | 13 | 5.3 | | 2 |
| CALIFORNIA | 05 7200004 F01 SANTA BARBARA | 72 | 7,566 | | 39 | 11 | 24 | 21 | 18.4 | | 3 |
| CALIFORNIA | 05 8720001 I01 WHITTIER | 72 | 8,698 | | 820 | 20 | 36 | 35 | 27.9 | | 5 |
| 025 NORTH CENTRAL COAST (CALIF) | | | | ** PRIORITY 3 ** | | | AS OF OCTOBER 12, 1973 | | | | |
| CALIFORNIA | 05 4840001 I01 MONTEREY | 72 | 8,637 | | | 5 | 13 | 13 | 6.2 | | 2 |
| 028 SACRAMENTO VALLEY (CALIF) | | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 12, 1973 | | | | |
| CALIFORNIA | 05 1260001 F01 CHICO | 72 | 8,537 | | 6 | 7 | 17 | 17 | 12.4 | | 2 |
| CALIFORNIA | 05 6180002 F01 REDDING | 72 | 8,614 | | | 6 | 16 | 12 | 9.6 | | 3 |
| CALIFORNIA | 05 6580003 F01 SACRAMENTO | 72 | 8,150 | | | 6 | 16 | 16 | 9.1 | | 2 |
| CALIFORNIA | 05 6580004 F01 SACRAMENTO | 72 | 3,546 | | 7 | 10 | 21 | 17 | 13.4 | | |
| 029 SAN DIEGO (CALIF) | | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 12, 1973 | | | | |
| 030 SAN FRANCISCO BAY AREA (CALIF) | | | | ** PRIORITY 1 ** | | | AS OF OCTOBER 12, 1973 | | | | |
| CALIFORNIA | 05 2780001 I01 FREMONT | 72 | 8,381 | | | 7 | 12 | 12 | 8.9 | | 3 |
| CALIFORNIA | 05 4020002 I01 LIVERMORE | 72 | 8,539 | | | 7 | 13 | 12 | 8.5 | | 3 |
| CALIFORNIA | 05 5000001 F01 NAPA | 72 | 4,423 | | | 7 | 16 | 14 | 8.9 | | |
| CALIFORNIA | 05 5300004 F01 OAKLAND | 72 | 8,307 | | | 6 | 14 | 13 | 9.5 | | 2 |
| CALIFORNIA | 05 5800001 F01 PETALUMA | 72 | 4,271 | | | 6 | 11 | 11 | 7.0 | | |
| CALIFORNIA | 05 5880001 I01 PITTSBURG | 72 | 8,605 | | | 5 | 14 | 13 | 6.9 | | 2 |
| CALIFORNIA | 05 6240001 I01 REDWOOD CITY | 72 | 8,730 | | 13 | 7 | 17 | 17 | 12.5 | | 3 |
| CALIFORNIA | 05 6860003 I01 SAN FRANCISCO | 72 | 8,091 | | 63 | 10 | 27 | 18 | 14.9 | | 3 |
| CALIFORNIA | 05 6980003 I01 SAN JOSE | 72 | 5,062 | | 111 | 12 | 20 | 20 | 15.1 | | |

## Table A-6 (continued). DATA FROM STATIONS MONITORING CO WITH NONDISPERSIVE INFRARED CONTINUOUS METHOD

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF VALUES EXCEEDING STANDARDS 1-HR | NO. OF VALUES EXCEEDING STANDARDS 8-HR | 99TH PCTL OF 1-HR VALUES, MG/CU.M. | HIGHEST 1-HR VALUES MG/CU.M. 1ST | HIGHEST 1-HR VALUES MG/CU.M. 2ND | HIGHEST 8-HR AVGS MG/CU.M. 1ST | HIGHEST 8-HR AVGS MG/CU.M. 2ND | ANNUAL ARITH. MEAN MG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CALIFORNIA | 05 | 7160001 | I01 SAN RAFAEL | 72 | 8,616 | | | 9 | 20 | 20 | 9.1 | | 4 |
| CALIFORNIA | 05 | 8480002 | F01 VALLEJO | 72 | 4,152 | | 30 | 10 | 18 | 13 | 16.0 | | |
| 031 SAN JOAQUIN VALLEY (CALIF) | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| CALIFORNIA | 05 | 0520003 | F01 BAKERSFIELD | 72 | 8,510 | | 23 | 11 | 32 | 28 | 15.4 | | 3 |
| CALIFORNIA | 05 | 2800003 | F01 FRESNO | 72 | 8,559 | | 4 | 6 | 20 | 18 | 11.4 | | 2 |
| CALIFORNIA | 05 | 2820001 | I01 FRESNO COUNTY | 72 | 6,492 | | | 3 | 4 | 4 | 3.6 | | |
| CALIFORNIA | 05 | 2820002 | I01 FRESNO COUNTY | 72 | 8,208 | | | 3 | 6 | 6 | 3.4 | | 2 |
| CALIFORNIA | 05 | 4720001 | F01 MODESTO | 72 | 8,389 | | 12 | 7 | 19 | 17 | 12.9 | | 3 |
| CALIFORNIA | 05 | 9040002 | F01 STOCKTON | 72 | 7,611 | | 18 | 6 | 20 | 20 | 16.1 | | 2 |
| CALIFORNIA | 05 | 8520001 | F01 VISALIA | 72 | 8,374 | | | 6 | 18 | 18 | 9.3 | | 2 |
| 032 SOUTH CENTRAL COAST (CALIF) | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| CALIFORNIA | 05 | 7040001 | F01 SAN LUIS OBISPO | 72 | 8,352 | | 4 | 6 | 14 | 13 | 10.9 | | 2 |
| 033 SOUTHEAST DESERT (CALIF) | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| CALIFORNIA | 05 | 6200001 | I01 REDLANDS | 72 | 8,604 | | 79 | 12 | 23 | 21 | 13.2 | | 5 |
| CALIFORNIA | 05 | 6400001 | I01 RIVERSIDE | 72 | 5,217 | | 1,026 | 19 | 28 | 26 | 18.8 | | |
| CALIFORNIA | 05 | 6680001 | I01 SAN BERNARDINO | 72 | 8,551 | | 784 | 13 | 19 | 13 | 15.1 | | 6 |
| 036 METROPOLITAN DENVER (COLO) | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| COLORADO | 06 | 0580002 | A10 DENVER | 72 | 7,672 | 22 | 1,414 | 27 | 49 | 47 | 44.8 | | 7 |
| 043 NEW JERSEY-NEW YORK-CONNECTICUT | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| NEW JERSEY | 31 | 0060001 | F01 ASBURY PARK | 72 | 8,060 | | 17 | 9 | 23 | 21 | 11.4 | | 3 |
| NEW JERSEY | 31 | 0180003 | F01 BAYONNE | 72 | 7,937 | | | 6 | 12 | 11 | 9.3 | | 1 |
| NEW JERSEY | 31 | 1300003 | F01 ELIZABETH | 72 | 8,433 | 2 | 2,006 | 25 | 43 | 41 | 24.4 | | 7 |
| NEW JERSEY | 31 | 1620001 | F01 FREEHOLD | 72 | 8,394 | 1 | 1,860 | 26 | 56 | 39 | 30.6 | | 7 |
| NEW JERSEY | 31 | 1820001 | F01 HACKENSACK | 72 | 7,665 | | 109 | 12 | 21 | 20 | 16.1 | | 4 |
| NEW JERSEY | 31 | 2320002 | F01 JERSEY CITY | 72 | 8,429 | | 1,881 | 26 | 37 | 36 | 29.5 | | 7 |
| NEW JERSEY | 31 | 3480002 | F01 NEWARK | 72 | 7,819 | | 524 | 17 | 34 | 31 | 21.2 | | 5 |
| NEW JERSEY | 31 | 4140003 | F01 PATERSON | 72 | 8,404 | 3 | 757 | 19 | 49 | 47 | 26.4 | | 5 |
| NEW JERSEY | 31 | 4220003 | F01 PERTH AMBOY | 72 | 7,482 | | 610 | 17 | 30 | 29 | 25.0 | | 6 |
| NEW JERSEY | 31 | 5060001 | F01 SOMERVILLE | 72 | 8,353 | | 491 | 18 | 28 | 27 | 22.0 | | 4 |
| NEW YORK | 33 | 2900005 | F01 HEMPSTEAD (T) | 72 | 6,239 | | 66 | 12 | 27 | 25 | 17.6 | | |
| NEW YORK | 33 | 4100001 | F01 MAMARONECK | 72 | 6,266 | | 23 | 9 | 16 | 15 | 12.7 | | |
| NEW YORK | 33 | 4680050 | F01 NEW YORK CITY | 72 | 5,118 | | 12 | 8 | 15 | 14 | 11.7 | | |
| 045 METROPOLITAN PHILADELPHIA (DEL-N.J.-PA) | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| NEW JERSEY | 31 | 0640001 | F01 BURLINGTON | 72 | 8,399 | | 1,127 | 19 | 34 | 34 | 24.8 | | 6 |
| NEW JERSEY | 31 | 0720003 | F01 CAMDEN | 72 | 8,355 | | 137 | 12 | 32 | 28 | 19.5 | | 4 |
| NEW JERSEY | 31 | 0720004 | F01 CAMDEN | 72 | 8,487 | | 124 | 12 | 24 | 21 | 14.5 | | 4 |
| NEW JERSEY | 31 | 0740001 | F01 CAMDEN COUNTY | 72 | 5,824 | | | 6 | 9 | 9 | 7.9 | | |
| NEW JERSEY | 31 | 4160001 | F01 PAULSBORO | 72 | 8,314 | | 79 | 11 | 20 | 20 | 13.8 | | 4 |
| NEW JERSEY | 31 | 4200001 | F01 PENNS GROVE | 72 | 8,334 | | 267 | 14 | 33 | 27 | 19.3 | | 5 |
| NEW JERSEY | 31 | 5400002 | F01 TRENTON | 72 | 8,396 | 15 | 3,370 | 32 | 57 | 52 | 44.0 | | 10 |
| PENNSYLVANIA | 39 | 7140004 | H01 PHILADELPHIA | 72 | 2,856 | 1 | 44 | 13 | 21 | 16 | 15 | | |

# Table A-6 (continued). DATA FROM STATIONS MONITORING CO WITH NONDISPERSIVE INFRARED CONTINUOUS METHOD

| AIR QUALITY CONTROL REGION | | YEAR 19-- | NO. OF VALID VALUES | NO. OF VALUES EXCEEDING STANDARDS 1-HR | 8-HR | 99TH PCTL OF 1-HR VALUES, MG/CU.M. | HIGHEST 1-HR VALUES MG/CU.M. 1ST | 2ND | HIGHEST 8-HR AVGS MG/CU.M. 1ST | 2ND | ANNUAL ARITH. MEAN MG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 047 NATIONAL CAPITAL (D.C.-MD-VA) | | | | ** PRIORITY 1 | ** | | AS OF OCTOBER 12, 1973 | | | | |
| DIST COLUMBIA | 09 0020003 A10 WASHINGTON | 72 | 4,947 | 3 | 322 | 24 | 63 | 46 | 35.9 | | |
| DIST COLUMBIA | 09 0020008 I02 WASHINGTON, D. C. | 72 | 5,327 | 2 | 67 | 11 | 46 | 40 | 23.9 | | |
| VIRGINIA | 48 2870004 G01 SEVEN CORNERS | 72 | 8,273 | | | 6 | 16 | 14 | 10.0 | | 2 |
| 049 JACKSONVILLE-BRUNSWICK (FLA-GA) | | | | ** PRIORITY 3 | ** | | AS OF OCTOBER 12, 1973 | | | | |
| FLORIDA | 10 1960037 H01 JACKSONVILLE | 72 | 3,445 | | 6 | 9 | 17 | 14 | 11.2 | | |
| FLORIDA | 10 1960048 H01 JACKSONVILLE | 72 | 3,315 | 2 | 22 | 11 | 51 | 51 | 17.3 | | |
| 050 SOUTHEAST FLORIDA | | | | ** PRIORITY 3 | ** | | AS OF OCTOBER 12, 1973 | | | | |
| FLORIDA | 10 0860009 P02 DADE COUNTY | 72 | 4,043 | | | 5 | 6 | 6 | 5.9 | | |
| 056 METROPOLITAN ATLANTA (GA) | | | | ** PRIORITY 3 | ** | | AS OF OCTOBER 12, 1973 | | | | |
| GEORGIA | 11 0200001 G01 ATLANTA | 72 | 3,987 | | 64 | 12 | 36 | 32 | 22.0 | | |
| 060 HAWAII | | | | ** PRIORITY 3 | ** | | AS OF OCTOBER 12, 1973 | | | | |
| HAWAII | 12 0120001 F01 HONOLULU | 72 | 7,757 | | 51 | 12 | 37 | 27 | 13.4 | | 2 |
| 062 EASTERN WASHINGTON-NORTHERN IDAHO (IDAHO-WASHINGTO | | | | ** PRIORITY 1 | ** | | AS OF OCTOBER 12, 1973 | | | | |
| WASHINGTON | 49 2040011 F01 SPOKANE | 72 | 8,303 | | 532 | 17 | 35 | 34 | 20.0 | | 5 |
| WASHINGTON | 49 2040012 F01 SPOKANE | 72 | 7,752 | | 11 | 9 | 19 | 19 | 10.8 | | 2 |
| 070 METROPOLITAN ST. LOUIS (ILL-MO) | | | | ** PRIORITY 1 | ** | | AS OF OCTOBER 12, 1973 | | | | |
| MISSOURI | 26 4280002 A10 ST LOUIS | 72 | 5,903 | | 115 | 14 | 33 | 31 | 18.1 | | |
| 072 PADUCAH-CAIRO (ILL-KY) | | | | ** PRIORITY 3 | ** | | AS OF OCTOBER 12, 1973 | | | | |
| KENTUCKY | 18 3180019 F01 PADUCAH | 72 | 3,179 | | 55 | 11 | 19 | 18 | 16.0 | | |
| 077 EVANSVILLE-OWENSBORO-HENDERSON (IND-KY) | | | | ** PRIORITY 3 | ** | | AS OF OCTOBER 12, 1973 | | | | |
| KENTUCKY | 18 3140004 F01 OWENSBORO | 72 | 5,929 | | 9 | 7 | 38 | 18 | 11.9 | | |
| 078 LOUISVILLE (IND-KY) | | | | ** PRIORITY 3 | ** | | AS OF OCTOBER 12, 1973 | | | | |
| KENTUCKY | 18 2380011 G01 LOUISVILLE | 72 | 3,529 | | 182 | 17 | 32 | 25 | 16.0 | | |
| KENTUCKY | 18 2380013 G01 LOUISVILLE | 72 | 7,648 | 1 | | 5 | 50 | 9 | 9.1 | | 2 |
| 085 METROPOLITAN OMAHA-COUNCIL BLUFFS (IOWA-NEB) | | | | ** PRIORITY 3 | ** | | AS OF OCTOBER 12, 1973 | | | | |
| NEBRASKA | 28 1880024 G01 OMAHA | 72 | 7,019 | **1** | **98** | **12** | **31** | **25** | **17.6** | | 3 |
| 094 METROPOLITAN KANSAS CITY (KAN-MO) | | | | ** PRIORITY 1 | ** | | AS OF OCTOBER 12, 1973 | | | | |
| KANSAS | 17 1800001 G01 KANSAS CITY | 72 | 6,850 | | 44 | 10 | 25 | 25 | 16.2 | | 4 |
| 095 NORTHEAST KANSAS | | | | ** PRIORITY 3 | ** | | AS OF OCTOBER 12, 1973 | | | | |
| KANSAS | 17 3560003 F01 TOPEKA | 72 | 4,428 | 1 | 14 | 9 | 52 | 40 | 29.9 | | |

## Table A-6 (continued). DATA FROM STATIONS MONITORING CO WITH NONDISPERSIVE INFRARED CONTINUOUS METHOD

| AIR QUALITY CONTROL REGION | | YEAR 19-- | NO. OF VALID VALUES | NO. OF VALUES EXCEEDING STANDARDS 1-HR | 8-HR | 99TH PCTL OF 1-HR VALUES, MG/CU.M. | HIGHEST 1-HR VALUES MG/CU.M. 1ST | 2ND | HIGHEST 8-HR AVGS MG/CU.M. 1ST | 2ND | ANNUAL ARITH. MEAN MG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 099 SOUTH CENTRAL KANSAS | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| KANSAS | 17 3740003 F01 WICHITA | 72 | 7,176 | 16 | 8 | | 21 | 20 | 13.8 | | 2 |
| 115 METROPOLITAN BALTIMORE (MD) | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| MARYLAND | 21 0080001 G01 ANNE ARUNDEL COUNTY | 72 | 1,751 | | 7 | | 14 | 12 | 8.3 | | |
| 120 METROPOLITAN PROVIDENCE (MASS-R.I.) | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| RHODE ISLAND | 41 0300005 F01 PROVIDENCE | 72 | 8,169 | 1 | 8 | | 17 | 14 | 10.4 | | 3 |
| RHODE ISLAND | 41 0300007 F01 PROVIDENCE | 72 | 7,955 | 54 | 11 | | 18 | 18 | 13.6 | | 3 |
| 124 METROPOLITAN TOLEDO (MICH-OHIO) | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| OHIO | 36 6600007 H01 TOLEDO | 72 | 1,906 | | 9 | | 11 | 10 | 9.6 | | |
| 131 MINNEAPOLIS-ST. PAUL (MINN) | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| MINNESOTA | 24 2260022 H01 MINNEAPOLIS | 72 | 8,614 | 784 | 17 | | 28 | 25 | 16.6 | | 6 |
| MINNESOTA | 24 3300001 H01 ST PAUL | 72 | 8,634 | 62 | 10 | | 20 | 18 | 14.2 | | 5 |
| 148 NORTHWEST NEVADA | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| NEVADA | 29 0480005 I01 RENO | 72 | 2,713 | 147 | 18 | | 27 | 25 | 20.7 | | |
| 150 NEW JERSEY (REMAINDER) | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| NEW JERSEY | 31 0100002 F01 ATLANTIC CITY | 72 | 8,094 | 250 | 14 | | 26 | 24 | 16.9 | | 4 |
| NEW JERSEY | 31 5360001 F01 TOMS RIVER | 72 | 7,117 | 700 | 19 | | 36 | 34 | 22.7 | | 5 |
| 151 NORTHEAST PENNSYLVANIA-UPPER DEL. VAL. (PENN-N.J.) | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| NEW JERSEY | 31 4240002 F01 PHILLIPSBURG | 72 | 8,390 | 4 | 7 | | 19 | 17 | 10.7 | | 2 |
| 152 ALBUQUERQUE-MID RIO GRANDE (N. MEX) | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| NEW MEXICO | 32 0040002 H01 ALBUQUERQUE | 72 | 4,341 | 130 | 16 | | 31 | 25 | 16.1 | | |
| 158 CENTRAL NEW YORK | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| NEW YORK | 33 6620005 F01 SYRACUSE | 72 | 6,543 | 1 | 8 | | 21 | 18 | 10.4 | | |
| NEW YORK | 33 6620009 F01 SYRACUSE | 72 | 6,062 | 39 | 11 | | 17 | 17 | 12.4 | | |
| 160 GENESEE-FINGER LAKES (N.Y.) | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| NEW YORK | 33 5760004 F01 ROCHESTER (C) | 72 | 6,507 | | 6 | | 20 | 18 | 8.5 | | |
| 161 HUDSON VALLEY (N.Y.) | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| NEW YORK | 33 3500002 F01 KINGSTON | 72 | 5,653 | | 4 | | 14 | 12 | 6.4 | | |
| NEW YORK | 33 5680001 F01 RENSSELAER | 72 | 6,404 | | 7 | | 16 | 11 | 9.1 | | |
| 162 NIAGARA FRONTIER (N.Y.) | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| NEW YORK | 33 0660005 F01 BUFFALO | 72 | 6,248 | 5 | 8 | | 16 | 16 | 10.9 | | |
| NEW YORK | 33 4740006 F01 NIAGARA FALLS | 72 | 6,541 | 18 | 9 | | 17 | 16 | 11.9 | | |

## Table A-6 (continued). DATA FROM STATIONS MONITORING CO WITH NONDISPERSIVE INFRARED CONTINUOUS METHOD

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF VALUES EXCEEDING STANDARDS 1-HR | 8-HR | 99TH PCTL OF 1-HR VALUES, MG/CU.M. | HIGHEST 1-HR VALUES MG/CU.M. 1ST | 2ND | HIGHEST 8-HR AVGS MG/CU.M. 1ST | 2ND | ANNUAL ARITH. MEAN MG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 174 GREATER METROPOLITAN CLEVELAND (OHIO) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| OHIO | 36 | 1300033 | H01 | CLEVELAND | 72 | 3,004 | | 66 | 17 | 33 | 25 | 19.0 | | |
| OHIO | 36 | 1300080 | A05 | CLEVELAND | 72 | 2,294 | | 33 | 14 | 20 | 19 | 17.0 | | |
| OHIO | 36 | 1300082 | A05 | CLEVELAND,OHIO | 72 | 1,765 | | | 7 | 12 | 11 | 8.0 | | |
| 184 CENTRAL OKLAHOMA | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| OKLAHOMA | 37 | 2200018 | F01 | OKLAHOMA CITY | 72 | 4,771 | 1 | 75 | 17 | 37 | 29 | 23.6 | | |
| OKLAHOMA | 37 | 2200022 | F01 | OKLAHOMA CITY | 72 | 3,371 | | 588 | 20 | 29 | 29 | 21.1 | | |
| 193 PORTLAND (ORE-WASH) | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| OREGON | 38 | 0560007 | I01 | EUGENE | 72 | 4,415 | | 109 | 13 | 31 | 29 | 18.3 | | |
| OREGON | 38 | 1460002 | F01 | PORTLAND | 72 | 4,337 | | 562 | 24 | 39 | 36 | 28.9 | | |
| WASHINGTON | 49 | 1140003 | F01 | LONGVIEW | 72 | 7,215 | | | 5 | 12 | 11 | 6.5 | | 2 |
| WASHINGTON | 49 | 1140004 | F01 | LONGVIEW | 72 | 7,121 | | | 5 | 13 | 11 | 6.5 | | 2 |
| 208 MIDDLE TENNESSEE | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| TENNESSEE | 44 | 2540021 | G01 | NASHVILLE | 72 | 3,233 | | 83 | 14 | 31 | 28 | 14.0 | | |
| 220 WASATCH FRONT (UTAH) | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| UTAH | 46 | 0520001 | F02 | MAGNA | 72 | 7,667 | | | 5 | 18 | 16 | 8.8 | | 1 |
| UTAH | 46 | 0680001 | F01 | OGDEN | 72 | 8,121 | 4 | 331 | 18 | 74 | 54 | 39.0 | | 4 |
| UTAH | 46 | 0800001 | F01 | PROVO | 72 | 8,128 | | 126 | 14 | 34 | 32 | 20.6 | | 3 |
| UTAH | 46 | 0920001 | F01 | SALT LAKE CITY | 72 | 7,713 | 10 | 526 | 20 | 70 | 65 | 47.0 | | 5 |
| 223 HAMPTON ROADS (VA) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| VIRGINIA | 48 | 2140010 | F01 | NORFOLK | 72 | 2,287 | | 15 | 11 | 23 | 20 | 15.6 | | |
| 225 STATE CAPITAL (VA) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| VIRGINIA | 48 | 2660009 | F01 | RICHMOND | 72 | 6,021 | | 20 | 12 | 29 | 25 | 11.6 | | |
| 229 PUGET SOUND (WASH) | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| WASHINGTON | 49 | 0640007 | F01 | EVERETT | 72 | 2,621 | | | 9 | 17 | 13 | 7.9 | | |
| WASHINGTON | 49 | 1840051 | F01 | SEATTLE | 72 | 8,347 | 1 | 1,053 | 20 | 43 | 35 | 24.7 | | 5 |
| WASHINGTON | 49 | 1840059 | F01 | SEATTLE | 72 | 3,923 | | 20 | 10 | 26 | 23 | 16.5 | | |
| WASHINGTON | 49 | 2140001 | F01 | TACOMA | 72 | 4,341 | | 82 | 12 | 25 | 17 | 14.1 | | |
| 234 KANAWHA VALLEY (W. VA.) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 12, 1973 | | | | |
| WEST VIRGINIA | 50 | 0280004 | F01 | CHARLESTON | 72 | 8,098 | | 23 | 7 | 17 | 16 | 15.8 | | 2 |

# Table A-7. DATA FROM STATIONS MONITORING $O_X$ WITH ALKALINE POTASSIUM IODIDE KI METHOD

| AIR QUALITY CONTROL REGION | | YEAR 19-- | NO. OF VALID VALUES | NO. OF VALUES EXCEEDING 1-HR STD | HIGHEST 1-HR VALUES UG/CU.M. 1ST | 2ND | 99TH PERCENTILE VALUE UG/CU.M. |
|---|---|---|---|---|---|---|---|
| 015 PHOENIX-TUCSON (ARIZ) | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| ARIZONA | 03 0600002 G01 PHOENIX | 72 | 2,170 | 16 | 200 | 200 | 160 |
| 018 METROPOLITAN MEMPHIS (ARK-MISS-TENN) | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| TENNESSEE | 44 2340081 A05 MEMPHIS, TENN | 72 | 3,481 | 7 | 200 | 200 | 130 |
| 043 NEW JERSEY-NEW YORK-CONNECTICUT | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| NEW JERSEY | 31 0180003 F01 BAYONNE | 72 | 7,931 | 14 | 210 | 210 | 120 |
| NEW JERSEY | 31 3480002 F01 NEWARK | 72 | 7,756 | 16 | 200 | 190 | 110 |
| NEW YORK | 33 4680050 F01 NEW YORK CITY | 72 | 2,986 | 282 | 540 | 510 | 360 |
| 045 METROPOLITAN PHILADELPHIA (DEL-N.J.-PA) | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| NEW JERSEY | 31 0720003 F01 CAMDEN | 72 | 7,903 | 3 | 190 | 170 | 90 |
| 136 NORTHERN PIEDMONT (N.C.) | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 08, 1973 |
| NORTH CAROLINA | 34 4460007 G01 WINSTON-SALEM | 72 | 1,669 | | 110 | 100 | 90 |
| 174 GREATER METROPOLITAN CLEVELAND (OHIO) | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| OHIO | 36 1300035 H01 CLEVELAND | 72 | 2,959 | 7 | 230 | 210 | 120 |
| OHIO | 36 1300081 A05 CLEVELAND | 72 | 1,946 | | 10 | 10 | 10 |
| OHIO | 36 1300082 A05 CLEVELAND,OHIO | 72 | 1,700 | | 10 | 10 | 10 |
| 225 STATE CAPITAL (VA) | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| VIRGINIA | 48 1500010 F01 HENRICO COUNTY | 72 | 1,858 | 39 | 240 | 240 | 170 |

# Table A-8. DATA FROM STATIONS MONITORING $O_x$ WITH COLORIMETRIC NEUTRAL POTASSIUM IODIDE KI METHOD

| AIR QUALITY CONTROL REGION | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF VALUES EXCEEDING 1-HR STD | HIGHEST 1-HR VALUES UG/CU.M. 1ST | 2ND | 99TH PERCENTILE VALUE UG/CU.M. |
|---|---|---|---|---|---|---|---|---|
| 29 | | | | ** PRIORITY [illegible] ** | | | | AS OF OCTOBER 08, 1973 |
| CALIFORNIA | 05 6820005 | I01 SAN DIEGO | 72 | 5,093 | 159 | 350 | 330 | 200 |
| 015 PHOENIX-TUCSON (ARIZ) | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| ARIZONA | 03 0600002 | G01 PHOENIX | 72 | 6,508 | 1 | 200 | 30 | 10 |
| 024 METROPOLITAN LOS ANGELES (CALIF) | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| CALIFORNIA | 05 0230001 | I01 ANAHEIM | 72 | 8,040 | 249 | 690 | 570 | 250 |
| CALIFORNIA | 05 0500002 | I01 AZUSA | 72 | 8,187 | 1,081 | 960 | 920 | 470 |
| CALIFORNIA | 05 0560001 | I01 BANNING | 72 | 8,158 | 916 | 630 | 630 | 350 |
| CALIFORNIA | 05 0580001 | I01 BARSTOW | 72 | 2,989 | | 160 | 160 | 120 |
| CALIFORNIA | 05 1030001 | I01 CAMARILLO | 72 | 7,437 | 270 | 350 | 330 | 220 |
| CALIFORNIA | 05 3420001 | I01 INDIO | 72 | 7,965 | 1,348 | 490 | 450 | 310 |
| CALIFORNIA | 05 3620001 | I01 LA HABRA | 72 | 7,992 | 575 | 780 | 710 | 370 |
| CALIFORNIA | 05 3740001 | I01 LANCASTER | 72 | 8,326 | 338 | 310 | 310 | 220 |
| CALIFORNIA | 05 3900001 | I01 LENNOX | 72 | 8,281 | 32 | 330 | 290 | 140 |
| CALIFORNIA | 05 4100002 | I01 LONG BEACH | 72 | 8,254 | 30 | 330 | 310 | 140 |
| CALIFORNIA | 05 4120001 | I01 LOS ALAMITOS | 72 | 6,932 | 66 | 350 | 330 | 160 |
| CALIFORNIA | 05 4180001 | I01 LOS ANGELES | 72 | 8,426 | 516 | 490 | 490 | 290 |
| CALIFORNIA | 05 4180002 | I01 LOS ANGELES | 72 | 8,337 | 176 | 370 | 350 | 200 |
| CALIFORNIA | 05 4200001 | I01 LOS ANGELES COUNTY | 72 | 8,383 | 753 | 570 | 550 | 310 |
| CALIFORNIA | 05 5120001 | I01 NEWHALL | 72 | 8,176 | 851 | 570 | 530 | 370 |
| CALIFORNIA | 05 5340001 | I01 OJAI | 72 | 6,627 | 839 | 470 | 470 | 350 |
| CALIFORNIA | 05 5380002 | I01 ONTARIO | 72 | 5,890 | 303 | 470 | 450 | 270 |
| CALIFORNIA | 05 5640001 | I01 PALM SPRINGS | 72 | 8,232 | 1,350 | 610 | 590 | 350 |
| CALIFORNIA | 05 7200002 | F01 SANTA BARBARA | 72 | 7,621 | 39 | 250 | 240 | 140 |
| CALIFORNIA | 05 7200004 | F01 SANTA BARBARA | 72 | 6,993 | 7 | 220 | 200 | 120 |
| CALIFORNIA | 05 7340001 | F01 SANTA MARIA | 72 | 7,518 | 14 | 290 | 220 | 140 |
| CALIFORNIA | 05 8510001 | I01 VICTORVILLE | 72 | 7,894 | 104 | 290 | 270 | 180 |
| CALIFORNIA | 05 8720001 | I01 WHITTIER | 72 | 8,174 | 339 | 570 | 570 | 270 |
| 025 NORTH CENTRAL COAST (CALIF) | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| CALIFORNIA | 05 4840001 | I01 MONTEREY | 72 | 7,464 | 4 | 220 | 220 | 120 |
| CALIFORNIA | 05 4860001 | I01 MONTEREY COUNTY | 72 | 7,450 | 40 | 290 | 290 | 160 |
| CALIFORNIA | 05 6620001 | I01 SALINAS | 72 | 7,909 | 7 | 180 | 180 | 140 |
| CALIFORNIA | 05 7300001 | I01 SANTA CRUZ COUNTY | 72 | 8,155 | 6 | 200 | 200 | 120 |
| 026 NORTH COAST (CALIF) | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 08, 1973 |
| CALIFORNIA | 05 2480002 | F01 EUREKA | 72 | 7,584 | | 120 | 120 | 100 |
| 028 SACRAMENTO VALLEY (CALIF) | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| CALIFORNIA | 05 1260001 | F01 CHICO | 72 | 7,836 | 544 | 310 | 290 | 220 |
| CALIFORNIA | 05 6180002 | F01 REDDING | 72 | 7,910 | 357 | 310 | 290 | 220 |
| CALIFORNIA | 05 6580003 | F01 SACRAMENTO | 72 | 7,831 | 283 | 410 | 370 | 220 |
| CALIFORNIA | 05 6580004 | F01 SACRAMENTO | 72 | 2,619 | 40 | 390 | 310 | 180 |
| CALIFORNIA | 05 6600001 | I01 SACRAMENTO COUNTY | 72 | 6,676 | 504 | 550 | 550 | 270 |
| CALIFORNIA | 05 8900001 | F01 YUBA CITY | 72 | 7,816 | 535 | 330 | 330 | 240 |

## Table A-8 (continued). DATA FROM STATIONS MONITORING $O_x$ WITH COLORIMETRIC NEUTRAL POTASSIUM IODIDE KI METHOD

| AIR QUALITY CONTROL REGION | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF VALUES EXCEEDING 1-HR STD | HIGHEST 1-HR VALUES UG/CU.M. 1ST | 2ND | 99TH PERCENTILE VALUE UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|
| 029 SAN DIEGO (CALIF) | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| CALIFORNIA | 05 | 1360001 | I01 CHULA VISTA | 72 | 6,895 | 292 | 570 | 550 | 240 |
| CALIFORNIA | 05 | 2220001 | I01 EL CAJON | 72 | 7,075 | 372 | 430 | 410 | 240 |
| CALIFORNIA | 05 | 2460001 | I01 ESCONDIDO | 72 | 4,638 | 269 | 630 | 490 | 270 |
| CALIFORNIA | 05 | 6800005 | I01 SAN DIEGO | 72 | 7,688 | 315 | 510 | 450 | 240 |
| 030 SAN FRANCISCO BAY AREA (CALIF) | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| CALIFORNIA | 05 | 2540001 | F01 FAIRFIELD | 72 | 3,921 | 52 | 270 | 250 | 180 |
| CALIFORNIA | 05 | 5000002 | F01 NAPA | 72 | 4,032 | 16 | 240 | 240 | 140 |
| CALIFORNIA | 05 | 8480002 | F01 VALLEJO | 72 | 3,926 | 33 | 390 | 370 | 160 |
| 031 SAN JOAQUIN VALLEY (CALIF) | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| CALIFORNIA | 05 | 0520001 | F01 BAKERSFIELD | 72 | 1,800 | 22 | 180 | 180 | 180 |
| CALIFORNIA | 05 | 0520003 | F01 BAKERSFIELD | 72 | 7,826 | 444 | 350 | 330 | 220 |
| CALIFORNIA | 05 | 2800003 | F01 FRESNO | 72 | 7,925 | 466 | 370 | 330 | 220 |
| CALIFORNIA | 05 | 2820001 | I01 FRESNO COUNTY | 72 | 7,529 | 739 | 390 | 350 | 270 |
| CALIFORNIA | 05 | 2820002 | I01 FRESNO COUNTY | 72 | 7,186 | 388 | 270 | 270 | 220 |
| CALIFORNIA | 05 | 4720001 | F01 MODESTO | 72 | 7,683 | 289 | 350 | 310 | 220 |
| CALIFORNIA | 05 | 9040002 | F01 STOCKTON | 72 | 7,255 | 49 | 290 | 250 | 160 |
| CALIFORNIA | 05 | 8520001 | F01 VISALIA | 72 | 7,847 | 908 | 390 | 390 | 270 |
| 032 SOUTH CENTRAL COAST (CALIF) | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 08, 1973 |
| CALIFORNIA | 05 | 7040001 | F01 SAN LUIS OBISPO | 72 | 7,584 | 41 | 240 | 240 | 160 |
| 033 SOUTHEAST DESERT (CALIF) | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| CALIFORNIA | 05 | 6200001 | I01 REDLANDS | 72 | 7,518 | 834 | 760 | 760 | 390 |
| CALIFORNIA | 05 | 6400001 | I01 RIVERSIDE | 72 | 5,399 | 1,000 | 980 | 880 | 590 |
| CALIFORNIA | 05 | 6680001 | I01 SAN BERNARDINO | 72 | 7,904 | 691 | 820 | 670 | 350 |
| 036 METROPOLITAN DENVER (COLO) | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| COLORADO | 06 | 0580002 | A10 DENVER | 72 | 5,110 | 97 | 350 | 330 | 200 |
| 045 METROPOLITAN PHILADELPHIA (DEL-N.J.-PA) | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| PENNSYLVANIA | 39 | 7140004 | H01 PHILADELPHIA | 72 | 7,358 | 56 | 270 | 250 | 150 |
| 047 NATIONAL CAPITAL (D.C.-MD-VA) | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| DIST COLUMBIA | 09 | 0020003 | A10 WASHINGTON | 72 | 4,243 | 34 | 250 | 250 | 160 |
| VIRGINIA | 48 | 2870004 | G01 SEVEN CORNERS | 72 | 6,374 | 142 | 350 | 330 | 190 |
| 067 METROPOLITAN CHICAGO (ILL-IND) | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| ILLINOIS | 14 | 1220002 | A10 CHICAGO | 72 | 7,385 | 11 | 270 | 250 | 120 |
| 070 METROPOLITAN ST. LOUIS (ILL-MO) | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| MISSOURI | 26 | 4280002 | A10 ST LOUIS | 72 | 5,001 | 41 | 310 | 290 | 160 |

## Table A-8 (continued). DATA FROM STATIONS MONITORING $O_x$ WITH COLORIMETRIC NEUTRAL POTASSIUM IODIDE KI METHOD

| AIR QUALITY CONTROL REGION | | YEAR 19-- | NO. OF VALID VALUES | NO. OF VALUES EXCEEDING 1-HR STD | HIGHEST 1-HR VALUES UG/CU.M. 1ST | 2ND | 99TH PERCENTILE VALUE UG/CU.M. |
|---|---|---|---|---|---|---|---|
| 079 METROPOLITAN CINCINNATI (IND-KY-OHIO) | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| OHIO | 36 1220003 A10 CINCINNATI | 72 | 5,923 | 13 | 290 | 250 | 140 |
| 131 MINNEAPOLIS-ST. PAUL (MINN) | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 08, 1973 |
| MINNESOTA | 24 2260022 H01 MINNEAPOLIS | 72 | 3,010 | | 130 | 120 | 90 |
| 174 GREATER METROPOLITAN CLEVELAND (OHIO) | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| OHIO | 36 0060013 H01 AKRON | 72 | 4,824 | 6 | 220 | 220 | 120 |
| OHIO | 36 1000001 H02 CANTON | 72 | 1,519 | **** | 90 | 90 | 70 |
| 193 PORTLAND (ORE-WASH) | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| OREGON | 38 1460002 F01 PORTLAND | 72 | 4,020 | 64 | 320 | 290 | 180 |

## Table A-9. DATA FROM STATIONS MONITORING $O_X$ WITH COULOMETRIC NEUTRAL POTASSIUM IODIDE KI METHOD

| AIR QUALITY CONTROL REGION | | YEAR 19-- | NO. OF VALID VALUES | NO. OF VALUES EXCEEDING 1-HR STD | HIGHEST 1-HR VALUES MG/CU.M. 1ST | 2ND | 99TH PERCENTILE VALUE MG/CU.M. |
|---|---|---|---|---|---|---|---|
| 030 SAN FRANCISCO BAY AREA (CALIF) | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 09, 1973 |
| CALIFORNIA | 05 2780001 I01 FREMONT | 72 | 8,575 | 190 | 670 | 570 | 220 |
| CALIFORNIA | 05 4020002 I01 LIVERMORE | 72 | 8,548 | 106 | 430 | 350 | 180 |
| CALIFORNIA | 05 5300004 F01 OAKLAND | 72 | 7,990 | 7 | 240 | 220 | 100 |
| CALIFORNIA | 05 5800001 F01 PETALUMA | 72 | 3,923 | | 160 | 160 | 100 |
| CALIFORNIA | 05 5880001 I01 PITTSBURG | 72 | 8,483 | 146 | 370 | 350 | 180 |
| CALIFORNIA | 05 6240001 I01 REDWOOD CITY | 72 | 8,718 | 74 | 550 | 470 | 160 |
| CALIFORNIA | 05 6860003 I01 SAN FRANCISCO | 72 | 8,504 | | 160 | 140 | 100 |
| CALIFORNIA | 05 6980003 I01 SAN JOSE | 72 | 5,148 | 40 | 390 | 330 | 160 |
| CALIFORNIA | 05 7000001 I01 SAN LEANDRO | 72 | 8,624 | 49 | 330 | 310 | 140 |
| CALIFORNIA | 05 7160001 I01 SAN RAFAEL | 72 | 8,710 | 15 | 330 | 330 | 120 |
| 047 NATIONAL CAPITAL (D.C.-MD-VA) | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| VIRGINIA | 48 0080009 H01 ALEXANDRIA | 72 | 5,984 | 28 | 310 | 290 | 120 |

# Table A-10. DATA FROM STATIONS MONITORING OZONE WITH CHEMILUMINESCENCE METHOD

| AIR QUALITY CONTROL REGION | | YEAR 19-- | NO. OF VALID VALUES | NO. OF VALUES EXCEEDING 1-HR STD | HIGHEST 1-HR VALUES UG/CU.M. 1ST | 2ND | 99TH PERCENTILE VALUE UG/CU.M. |
|---|---|---|---|---|---|---|---|
| 005 MOBILE-PENSACOLA-PANAMA CITY-S.MISS.(ALA-FLA-MISS) | | | ** PRIORITY 1 * | | | | AS OF OCTOBER 08, 1973 |
| ALABAMA | 01 2400019 F01 MOBILE COUNTY | 72 | 1,847 | 7 | 200 | 200 | 130 |
| 036 METROPOLITAN DENVER (COLO) | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| COLORADO | 06 0580002 A10 DENVER | 72 | 2,776 | 62 | 650 | 650 | 290 |
| 043 NEW JERSEY-NEW YORK-CONNECTICUT | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| NEW YORK | 33 2900005 F01 HEMPSTEAD (T) | 72 | 5,865 | 5 | 210 | 200 | 90 |
| NEW YORK | 33 4100001 F01 MAMARONECK | 72 | 5,014 | 6 | 270 | 240 | 70 |
| NEW YORK | 33 4680050 F01 NEW YORK CITY | 72 | 5,838 | 159 | 410 | 390 | 240 |
| 047 NATIONAL CAPITAL (D.C.-MD-VA) | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| DIST COLUMBIA | 09 0020003 A10 WASHINGTON | 72 | 2,363 | 8 | 240 | 240 | 100 |
| 049 JACKSONVILLE-BRUNSWICK (FLA-GA) | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| FLORIDA | 10 1960032 H01 JACKSONVILLE | 72 | 1,802 | | 90 | 60 | 40 |
| FLORIDA | 10 1960035 H01 JACKSONVILLE | 72 | 4,007 | | 130 | 130 | 90 |
| 060 HAWAII | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 08, 1973 |
| HAWAII | 12 0120001 F01 HONOLULU | 72 | 7,890 | 1 | 650 | 120 | 40 |
| 078 LOUISVILLE (IND-KY) | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| KENTUCKY | 18 2380010 G01 LOUISVILLE | 72 | 5,250 | 58 | 1,960 | 980 | 170 |
| KENTUCKY | 18 2380011 G01 LOUISVILLE | 72 | 2,648 | | 150 | 140 | 70 |
| 079 METROPOLITAN CINCINNATI (IND-KY-OHIO) | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| OHIO | 36 1220003 A10 CINCINNATI | 72 | 2,403 | 3 | 220 | 220 | 100 |
| 080 METROPOLITAN INDIANAPOLIS (IND) | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| INDIANA | 15 2040021 F01 INDIANAPOLIS | 72 | 4,319 | | 160 | 160 | 120 |
| 085 METROPOLITAN OMAHA-COUNCIL BLUFFS (IOWA-NEB) | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 08, 1973 |
| NEBRASKA | 28 1880026 G01 OMAHA | 72 | 3,403 | 13 | 200 | 200 | 140 |
| 106 SOUTHERN LOUISIANA-SOUTHEAST TEXAS (LOUISIANA-TEXA | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| LOUISIANA | 19 0280002 F01 BATON ROUGE | 72 | 3,670 | 11 | 230 | 230 | 130 |
| LOUISIANA | 19 2020082 A05 NEW ORLEANS, LA | 72 | 4,181 | 15 | 250 | 230 | 140 |
| 158 CENTRAL NEW YORK | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| NEW YORK | 33 6620005 F01 SYRACUSE | 72 | 6,225 | 3 | 180 | 160 | 100 |
| 160 GENESEE-FINGER LAKES (N.Y.) | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| NEW YORK | 33 5760004 F01 ROCHESTER (C) | 72 | 5,776 | | 150 | 120 | 80 |

## Table A-10 (continued). DATA FROM STATIONS MONITORING OZONE WITH CHEMILUMINESCENCE METHOD

| AIR QUALITY CONTROL REGION | | | | | YEAR 19-- | NO. OF VALID VALUES | NO. OF VALUES EXCEEDING 1-HR STD | HIGHEST 1-HR VALUES UG/CU.M. 1ST | 2ND | 99TH PERCENTILE VALUE UG/CU.M. |
|---|---|---|---|---|---|---|---|---|---|---|
| 161 HUDSON VALLEY (N.Y.) | | | | | | ** PRIORITY 3 ** | | | | AS OF OCTOBER 08, 1973 |
| NEW YORK | 33 | 3500002 | F01 | KINGSTON | 72 | 5,542 | 2 | 160 | 160 | 60 |
| 162 NIAGARA FRONTIER (N.Y.) | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| NEW YORK | 33 | 0660005 | F01 | BUFFALO | 72 | 5,140 | 80 | 270 | 260 | 170 |
| 184 CENTRAL OKLAHOMA | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 03, 1973 |
| OKLAHOMA | 37 | 2200023 | F01 | OKLAHOMA CITY | 72 | 6,218 | 50 | 360 | 360 | 160 |
| 186 NORTHEASTERN OKLAHOMA | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| OKLAHOMA | 37 | 3000127 | F01 | TULSA | 72 | 4,821 | 1 | 220 | 150 | 100 |
| 208 MIDDLE TENNESSEE | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 03, 1973 |
| TENNESSEE | 44 | 2540011 | G01 | NASHVILLE | 72 | 5,596 | | 130 | 130 | 100 |
| 223 HAMPTON ROADS (VA) | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| VIRGINIA | 48 | 2140013 | F01 | NORFOLK | 72 | 2,023 | | 60 | 50 | 40 |
| 225 STATE CAPITAL (VA) | | | | | | ** PRIORITY 1 ** | | | | AS OF OCTOBER 08, 1973 |
| VIRGINIA | 48 | 1500010 | F01 | HENRICO COUNTY | 72 | 3,643 | 24 | 270 | 270 | 140 |

## TECHNICAL REPORT DATA
*(Please read Instructions on the reverse before completing)*

| | |
|---|---|
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| 3. RECIPIENT'S ACCESSION NO. | |
| 4. TITLE AND SUBTITLE Monitoring and Air Quality Trends Report, 1972 | 5. REPORT DATE December 1973 |
| | 6. PERFORMING ORGANIZATION CODE |
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| | 11. CONTRACT/GRANT NO. |
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| | 14. SPONSORING AGENCY CODE |
| 15. SUPPLEMENTARY NOTES | |

16. ABSTRACT

This report presents a comprehensive tabulation of the nation's air quality and monitoring activities for 1972. Findings are based upon extensive monitoring activities conducted by Federal, State, and local air pollution control agencies organized within established Air Quality Control Regions. Information is provided for four of the five pollutants for which National Ambient Air Quality Standards have been set. Analyses of trends in CO, oxidants, and $NO_2$ are presented for selected AQCRs. A discussion of trends in sulfate concentrations at National Aerometric Surveillance Network stations is included along with an update for 1972 of the previously published analysis of TSP and $SO_2$.

17. KEY WORDS AND DOCUMENT ANALYSIS

| a. DESCRIPTORS | b. IDENTIFIERS/OPEN ENDED TERMS | c. COSATI Field/Group |
|---|---|---|
| Monitoring<br>Trends<br>Air Quality<br>National Ambient Air Quality Standards<br>Air Quality Control Regions<br>National Aerometric Surveillance Network | | |

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