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# MONITORING AND AIR QUALITY TRENDS REPORT, 1973



**U.S. ENVIRONMENTAL PROTECTION AGENCY**  
**Office of Air and Waste Management**  
**Office of Air Quality Planning and Standards**  
**Research Triangle Park, North Carolina 27711**



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**MONITORING  
AND AIR QUALITY  
TRENDS REPORT, 1973**

Monitoring and Data Analysis Division  
Monitoring and Reports Branch

U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Air and Waste Management  
Office of Air Quality Planning and Standards  
Research Triangle Park, North Carolina 27711

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## ABSTRACT

This report presents a comprehensive tabulation of the nation's air quality and monitoring activities for 1973. These summaries are based on data acquired through extensive monitoring activities conducted by Federal, state, and local air pollution control agencies, and compiled according to the nation's 247 Air Quality Control Regions. Information is provided for the five pollutants for which National Ambient Air Quality Standards have been set (suspended particulate matter, sulfur dioxide, carbon monoxide, oxidants, and nitrogen dioxide). Analyses of pollutant trends are presented, plus a study of nonurban ozone concentrations and a preliminary examination of instances reflecting the energy crisis.

## LIST OF ABBREVIATIONS

|                 |  |
|-----------------|--|
| AQCR            | Air Quality Control Region               |
| BaP             | Benzo(a)pyrene                           |
| BSO             | Benzene-soluble organic material         |
| CO              | Carbon monoxide                          |
| EPA             | U. S. Environmental Protection Agency    |
| NAAQS           | National Ambient Air Quality Standard    |
| NADB            | National Aerometric Data Bank            |
| NASN            | National Aerometric Surveillance Network |
| NO <sub>2</sub> | Nitrogen dioxide                         |
| O <sub>x</sub>  | Oxidants                                 |
| RTI             | Research Triangle Institute              |
| SAROAD          | Storage and Retrieval of Aerometric Data |
| SO <sub>2</sub> | Sulfur dioxide                           |
| SPM             | Suspended particulate matter             |
| TSP             | Total suspended particulate              |

# MONITORING AND AIR QUALITY TRENDS REPORT, 1973

## 1. SUMMARY

The nation's air quality is improving, in general; yet there are still areas that will require substantial further reductions in pollutant concentrations to meet the National Ambient Air Quality Standards.

The primary annual suspended particulate standard was exceeded by approximately one-fourth (341 out of 1300) of the high-volume stations reporting a full year's data in 1973. These 341 stations represent well over half (99 out of 172) of the Air Quality Control Regions (AQCR's) reporting any yearly particulate data.

The 24-hour suspended particulate standard was exceeded by less than one-tenth of the total stations reporting as little as one quarter's data (303 out of 3380), but those 303 stations are distributed among almost half of the nation's AQCR's (115 out of 247).

The annual sulfur dioxide standard was exceeded by only 3 percent of the stations reporting annual means (14 out of 457), representing 10 of the 100 AQCR's contributing such data. Similarly, the 24-hour SO<sub>2</sub> standard was exceeded at approximately 3 percent of the total stations reporting as little as one quarter's data (59 out of 1623), representing 20 AQCR's.

Carbon monoxide was reported from 212 stations in 60 AQCR's; 24 stations representing 10 AQCR's exceeded the 1-hour standard, and 153 stations representing 53 AQCR's exceeded the 8-hour CO standard.

The 1-hour total oxidant/ozone standard was exceeded at 163 of the 187 stations reporting at least one quarter's data, covering 52 of the 57 AQCR's submitting such data.

Completion of the prescribed state monitoring networks and timely contribution of the resulting data to the U. S. Environmental Protection Agency's data bank will improve the thoroughness of national air quality assessments. Based on the evidence of

1973 data received by June 1, 1973, 92 percent of the required particulate monitoring equipment is in operation. In a number of AQCR's, additional sites are yielding even better coverage. Seventy-seven percent of the 24-hour SO<sub>2</sub> monitors are operating; 64 percent of the continuous SO<sub>2</sub> instruments are operating. Carbon monoxide data are being reported from 77 percent of the required locations. Installation of the required oxidant/ozone measuring equipment is 65 percent complete.

The general picture of nationwide trends in pollutant concentrations is downward. Although many AQCR's are still reporting suspended particulate values and annual averages above standards, additional progress was made in 1973, continuing the trend noted in previous years.

The SO<sub>2</sub> down-trend appears to be leveling off, which is not surprising since most reporting stations are now below the standards.

The majority of oxidant data is being supplied by California, and it exhibits a downward trend in evident response to reduced automotive emissions.

Carbon monoxide data are quite limited, but an amelioration is evidenced in the declining percentages of 8-hour averages exceeding the 8-hour standard.

An analysis of the benzene-soluble organic fraction of suspended particulate samples, and of a specific organic constituent, benzo(a)pyrene, shows distinct decreases in their concentrations over the period from 1960 to 1970. Both are considered to originate chiefly from human activities. A steady shift in coal usage from relatively inefficient residential space heating units to large, more efficient power plants is suggested as a possible major factor contributing to these observed decreases.

Although consequences of the energy crisis were only emerging toward the end of calendar 1973, a preliminary study of SO<sub>2</sub> data from the New York-New Jersey area indicates a slight increase in levels in the 1973-74 winter, probably attributable to the issuance of variances to switch some major users to more readily available higher sulfur fuels. Examination of CO data from a few stations shows mixed results depending on the nature of neighborhood traffic; decreases on the one hand, attributable in part to meteorology and vehicle emission controls as well as possible reduced traffic flow, and an instance of an increase attributed to lines of idling gasoline customers near the monitoring station.

This last example points up the contrasting effects that can derive from a common origin, the diminished gasoline supply in this case. This emphasizes the crucial need for more comprehensive monitoring of environmental conditions and thorough analysis of the data, not only to trace the past origins of present conditions but more importantly to strengthen our ability to make reasonably dependable forecasts about the consequences of contemplated future actions.

## 2. INTRODUCTION

This report, third in a series issued periodically by the U. S. Environmental Protection Agency (EPA) through the Office of Air and Waste Management, summarizes the nationwide status of our air quality in 1973 and the scope of the monitoring activities that provide the necessary air quality measurements.

Trends over recent years are discussed at length. Several shorter sections on selected aspects of data interpretation are also included.

The summaries of 1973 data presented in this report include results from Federally sponsored monitoring stations, but the principal sources of information are the more extensive established and developing networks operated by or responsible to the state air pollution control agencies.

Data are included on the five pollutants for which National Ambient Air Quality Standards (NAAQS) have been set: suspended particulate matter (SPM), sulfur dioxide ( $\text{SO}_2$ ), carbon monoxide (CO), oxidants ( $\text{O}_x$ ), and nitrogen dioxide ( $\text{NO}_2$ ). Data on  $\text{NO}_2$ , even though sparse, are included this year in anticipation that one of the present candidate analytical methods will be designated the reference method. This volume includes only data based on reference methods or on candidate methods that are pending approval. A table is included with the introduction to the appendices, listing the reference methods, the as yet unapproved candidate methods, and the unacceptable methods whose results will no longer be used in assessing air quality status.

Data acquired through the state-supervised monitoring networks are to be submitted to the EPA's National Aerometric Data Bank (NADB) on a quarterly basis. This schedule is designed to facilitate periodic appraisal, on a nationwide scale, of both progress in implementing the monitoring networks themselves and progress toward achieving the air quality standards. This schedule expects data for a calendar quarter to be submitted through EPA's Regional Offices, entered in the data bank, and accessible for summarization within 120 days after the close of that quarter.

The summaries in this report reflect the contents of the data bank as of the first week in June 1974, 160 days after the end of the fourth quarter of 1973. Less than timely submission of data explains some of the incomplete results for 1973. In other cases, a partial year's data is the simple consequence of network startup where stations have been initiated during the year. Both of these conditions contribute to the necessity of identifying two categories for counting numbers of stations reporting to the NADB. The first category, for the purpose of appraising air quality with reference to the NAAQS's in Section 3.1, includes only those stations that have reported valid data

for at least one quarter in 1973. (A subset of this group, those stations reporting all four quarters, i.e., a valid year, are also identified where annual standards pertain.) The second category, used in Section 3.2 for the purpose of appraising monitoring activity, includes all stations reporting any data for 1973, even if the data consist of less than a valid quarter.

The appendices include only the stations in the first category - those with at least one valid quarter of data.

In each yearly report, we anticipate selecting one or more subjects for more thorough discussion. There are two items in this year's Special Topics section: (1) a preliminary examination of the impact of the energy crisis as seen in  $\text{SO}_2$  levels in the New York-New Jersey area, and in contrasting effects of the gasoline shortage on carbon monoxide levels, and (2) the results of studies on high nonurban or rural ozone concentrations.



### 3. STATUS OF AIR QUALITY AND MONITORING ACTIVITY

This section of the report evaluates the composite picture of the nation's air quality in 1973 compared with the National Ambient Air Quality Standards,<sup>1</sup> and the status of the monitoring effort, in terms of the number of stations in operation and planned, that makes such air quality evaluations possible.

#### 3.1 STATUS OF AIR QUALITY

The summaries in this report are based on 1973 data submitted to and incorporated in EPA's National Aerometric Data Bank as of the first week in June 1974. The majority of the data have been supplied by state monitoring networks. Air quality data for less than a complete year are reported for some stations. This deficiency may be attributed either to the fact that new stations have been initiated during the year or to a situation in which data are not yet being submitted according to schedule. Valid data for at least one 3-month period are required for a station to be included in this section's summaries.

The nationwide status of air quality in 1973 is depicted in two principal ways: (1) a summary of all reporting stations and (2) a summary of the 247 Air Quality Control Regions comprising the 50 states, 4 territories, and the District of Columbia covered by the Clean Air Act. The national summary of AQCR's is subdivided by priority classification. Detailed summaries of data reported from individual stations within each AQCR are presented in the appendices.

Comparisons of these data with those from previous years must be made cautiously because the data base of reporting stations has not yet stabilized. For example, more particulate monitoring stations reported at least one valid quarter in 1973 than in 1972 (3880 versus 2683 in the 1972 report),<sup>2</sup> but fewer submitted a complete year's data (1300 in 1973 versus 1589 in 1972). If the EPA data submittal schedule were being met, complete 1973 data should have been in the bank by the end of April 1974. This schedule expects state-collected data to reach EPA's Regional Offices within 45 days after the close of a quarter, to be transmitted from the Regional Office to the NADB within an additional 30 days, and to be incorporated into the data bank within the following 45 days. Thus, 120 days after the close of a quarter, preliminary summaries of that quarter's data should be available for review and validation.

##### 3.1.1. National Summary - By Station

One aspect of the national air quality picture for 1973 is the status of individual stations with respect to standards summarized in Table 3-1.

Table 3-1. NATIONAL SUMMARY OF TOTAL STATIONS REPORTING DATA  
AND NUMBER EXCEEDING AIR QUALITY STANDARDS, 1973

| Pollutant and station status                | Number of stations |              |      |
|---|--------------------|--------------|------|
|   | Total              | Exceeding by |      |
|   |                    | 50%          | 100% |
| <b>Suspended particulates</b>               |                    |              |      |
| Stations with valid annual data             | 1300               |              |      |
| Exceeding annual secondary guide            | 657                | 185          | 55   |
| Exceeding annual primary standard           | 341                | 71           | 16   |
| Stations with $\geq 1$ valid quarter's data | 3380               | 444          | 196  |
| Exceeding 24-hour secondary standard        | 1222               |              |      |
| Exceeding 24-hour primary standard          | 303                | 84           | 35   |
| <b>Sulfur dioxide</b>                       |                    |              |      |
| Stations with valid annual data             | 457                |              |      |
| Exceeding annual primary standard           | 14                 | 5            | 2    |
| Stations with $\geq 1$ valid quarter's data | 1623               |              |      |
| Exceeding 24-hour primary standard          | 40                 | 19           | 12   |
| Exceeding 3-hour secondary standard         | 20                 |              |      |
| <b>Carbon monoxide</b>                      |                    |              |      |
| Stations with $\geq 1$ valid quarter's data | 212                |              |      |
| Exceeding 1-hour standard                   | 24                 | 3            | 0    |
| Exceeding 8-hour standard                   | 153                | 77           | 46   |
| <b>Total oxidants or ozone</b>              |                    |              |      |
| Stations with $\geq 1$ valid quarter's data | 187                |              |      |
| Exceeding 1-hour standard                   | 162                | 118          | 87   |
| <b>Nitrogen dioxide</b>                     |                    |              |      |
| Stations with $\geq 1$ valid quarter's data | 588                |              |      |
| Stations with valid annual data             | 54                 |              |      |
| Exceeding annual standard                   | 9                  | 0            | 0    |

Approximately 25 percent of the suspended particulate stations reporting a valid year's data (341 out of 1300) still exceeded the annual primary standard. The standard was exceeded by 100 percent at 16 of those stations.

Only 3 percent of sulfur dioxide monitoring stations reporting a year's data (14 out of 457) exceeded the annual SO<sub>2</sub> standard.

In the case of carbon monoxide, the 8-hour standard remains the one most difficult to meet. Almost 75 percent of the reporting stations (153 out of 212) exceeded the 8-hour standard, and slightly over 10 percent (24 out of 212) exceeded the 1-hour standard.

The 1-hour oxidant standard was exceeded at 87 percent of the reporting stations.

Although a Federal reference method for nitrogen dioxide has not yet been designated, data from the several candidate methods are included in this report. The results are quite fragmentary because less than 10 percent of the reporting stations (53 out of 588) reported data for a complete year. Nine of the stations reported data that exceeded the annual standard. Review of the analytical methods, and possibly of the standard itself, could alter this picture.

### 3.1.2 National Summary - By AQCR

Table 3-2 lists the number of AQCR's in each priority class and the status of each priority class with respect to standards for each pollutant. (Priority classifications are based on the severity of pollutant concentrations.) As with the station summaries, comparisons with prior years must be made cautiously because the data base is not yet stable from year to year.

The annual primary standard for suspended particulate was exceeded in more than 50 percent of the Priority I AQCR's (66 out of 120) in 1973, and that count could go higher because only 92 of the 120 Priority I AQCR's had reported a complete year's data for at least one station as of June 1974. Almost 70 percent of the Priority I AQCR's reported data that exceeded the 24-hour primary standard for particulate (83 out of 120). (This result was based on 118 out of 120 Priority I AQCR's reporting at least one quarter's data from which to appraise their status with respect to the 24-hour particulate standards.) The 24-hour standard is considered to be exceeded if the second highest concentration recorded during the period is greater than  $260 \mu\text{g}/\text{m}^3$ .

Sulfur dioxide appears to be the most successfully controlled pollutant with only 10 AQCR's (8 Priority I and 2 Priority II) reporting stations exceeding the annual standard during 1973. However, only approximately half the AQCR's in these two priority classes have reported valid annual data for 1973. Seventeen AQCR's report stations exceeding the 24-hour standard (second highest reading is greater than  $365 \mu\text{g}/\text{m}^3$ ), one of which is a Priority III AQCR.

Carbon monoxide is pervasive. Of the 30 Priority I AQCR's, 26 reported at least 1 quarter's data and 25 exceeded the 8-hour standard. (The 26th AQCR only reported the equivalent of 4 months' data, mostly from the first half of the year.) Of particular significance is the fact that of the 217 Priority III AQCR's, which are not required to monitor for CO, 34 have established monitors and submitted data, and 28 report at least one site at which the 8-hour CO standard is being exceeded.

Oxidants or ozone values are exceeding the 1-hour standard in almost every Priority I AQCR reporting (39 out of 41) and in 75 percent of the Priority III AQCR's reporting (12 out of 16).

Table 3-2. NATIONAL SUMMARY OF AIR QUALITY CONTROL REGIONS  
BY AIR QUALITY STANDARDS STATUS, 1973

| Pollutant and AQCR status                             | Number of AQCR's      |    |     | Total |
|---|-----------------------|----|-----|-------|
|   | Priority <sup>a</sup> |    |     |       |
|   | I                     | II | III |       |
| <b>Suspended particulates</b>                         |                       |    |     |       |
| AQCR's in each priority class                         | 120                   | 70 | 57  | 247   |
| Reporting $\geq 1$ valid station-year                 | 92                    | 50 | 30  | 172   |
| Exceeding annual secondary guide                      | 84                    | 38 | 17  | 139   |
| Exceeding annual primary standard                     | 66                    | 23 | 10  | 99    |
| Reporting $\geq 1$ valid station-quarter              | 118                   | 66 | 41  | 225   |
| Reporting only valid quarters                         | 26                    | 16 | 11  | 53    |
| Exceeding 24-hour secondary standard                  | 111                   | 49 | 28  | 188   |
| Exceeding 24-hour primary standard                    | 83                    | 16 | 16  | 115   |
| Exceeding either secondary standard or guide          | 112                   | 52 | 29  | 193   |
| Exceeding either primary standard                     | 94                    | 31 | 18  | 143   |
| Reporting insufficient data to compare with standards | 2                     | 4  | 16  | 22    |
| <b>Sulfur dioxide</b>                                 |                       |    |     |       |
| AQCR's in each priority class                         | 60                    | 41 | 146 | 247   |
| Reporting $\geq 1$ valid station-year                 | 33                    | 24 | 43  | 100   |
| Exceeding annual primary standard                     | 8                     | 2  | 0   | 10    |
| Reporting $\geq 1$ valid station-quarter              | 55                    | 35 | 97  | 187   |
| Reporting only valid quarters                         | 22                    | 11 | 54  | 87    |
| Exceeding the 24-hour primary standard                | 12                    | 4  | 1   | 17    |
| Exceeding the 3-hour secondary standard               | 7                     | 1  | 0   | 8     |
| Exceeding either primary standard                     | 17                    | 6  | 4   | 27    |
| Reporting insufficient data to compare with standards | 5                     | 6  | 49  | 60    |
| <b>Carbon monoxide</b>                                |                       |    |     |       |
| AQCR's in each priority class                         | 30                    |    | 217 | 247   |
| Reporting $\geq 1$ valid station-quarter              | 26                    |    | 34  | 60    |
| Exceeding 1-hour standard                             | 9                     |    | 1   | 10    |
| Exceeding 8-hour standard                             | 25                    |    | 28  | 53    |
| <b>Oxidants</b>                                       |                       |    |     |       |
| AQCR's in each priority class                         | 55                    |    | 192 | 247   |
| Reporting $\geq 1$ valid station-quarter              | 41                    |    | 16  | 57    |
| Exceeding 1-hour standard                             | 39                    |    | 12  | 51    |
| <b>Nitrogen dioxide</b>                               |                       |    |     |       |
| AQCR's in each priority class                         | 5                     |    | 242 | 247   |
| Reporting $\geq 1$ valid station-quarter              | 4                     |    | 128 | 132   |
| Reporting $\geq 1$ valid station-year                 | 2                     |    | 18  | 20    |
| Exceeding primary standard                            | 2                     |    | 0   | 2     |

<sup>a</sup>Priority classification based on severity of individual pollutant concentration in AQCR.

Nitrogen dioxide priority classifications have been substantially revised from the initial classifications; there are now five Priority I's, and the remainder are Priority III. Of the five, only two reported a full year's data and both exceeded the annual standard. None of the 18 Priority III AQCR's reporting a full year's data exceeded the standard. These results remain tentative until a reference method is selected and the equivalency of the remaining methods is appraised.

Figures 3-1 through 3-4 map the AQCR's exceeding primary standards for particulates, sulfur dioxide, carbon monoxide, and oxidant/ozone in 1973.

### 3.1.3 Distribution of AQCR's with Respect to Standards

The analysis that follows is based on available data for 1973, as of the first week in June 1974, for Air Quality Control Regions reporting a minimum amount of valid data. (One valid station-quarter for appraising a short-term standard; one valid station-year for appraising an annual standard.) The AQCR's have been grouped according to the station reporting the highest annual mean, and the second highest short-term (1-hour or 24-hour) values. All concentration ranges are expressed as ratios to the standards. This analysis enlarges on the summary in Table 3-2 (number of AQCR's exceeding standards) by defining the degree to which the standards are being exceeded.

Such an analysis potentially masks some substantive distinctions. For example, two different AQCR's, each with ten monitors, may both rank equally, based on their maximum stations, yet the other nine stations in each network may reveal quite contrasting conditions in the remainder of the two regions.

The incomplete nationwide picture developed from these summaries underestimates the actual status of air quality because some networks are not yet fully operational and because the reported data for a number of stations were not yet complete as of June 1974. For example, the station with the second highest 24-hour particulate value in an AQCR has often not yet reported sufficient data to support what might also have been the highest annual mean in that AQCR. It does not inevitably follow, however, that the station with the second highest 24-hour value would necessarily have the highest annual mean. Therefore, no attempt has been made to supplement the reported data by extrapolating from the second highest 24-hour values in fragmentary data to postulated annual means.

These distributions of AQCR's identify the pollutants and AQCR categories where progress is being made and where future effort needs to be focused.

It must be kept in mind that AQCR's reporting no data above a standard are not yet conceded to be meeting that standard. If additional monitoring stations are being installed to meet the required or proposed network size, the possibility exists that the additional data may reveal violations. Installation of all required or proposed monitors was to be completed by July 1, 1974. After these networks are reviewed for size and station placement, and approved as being adequate and representative, a year's record

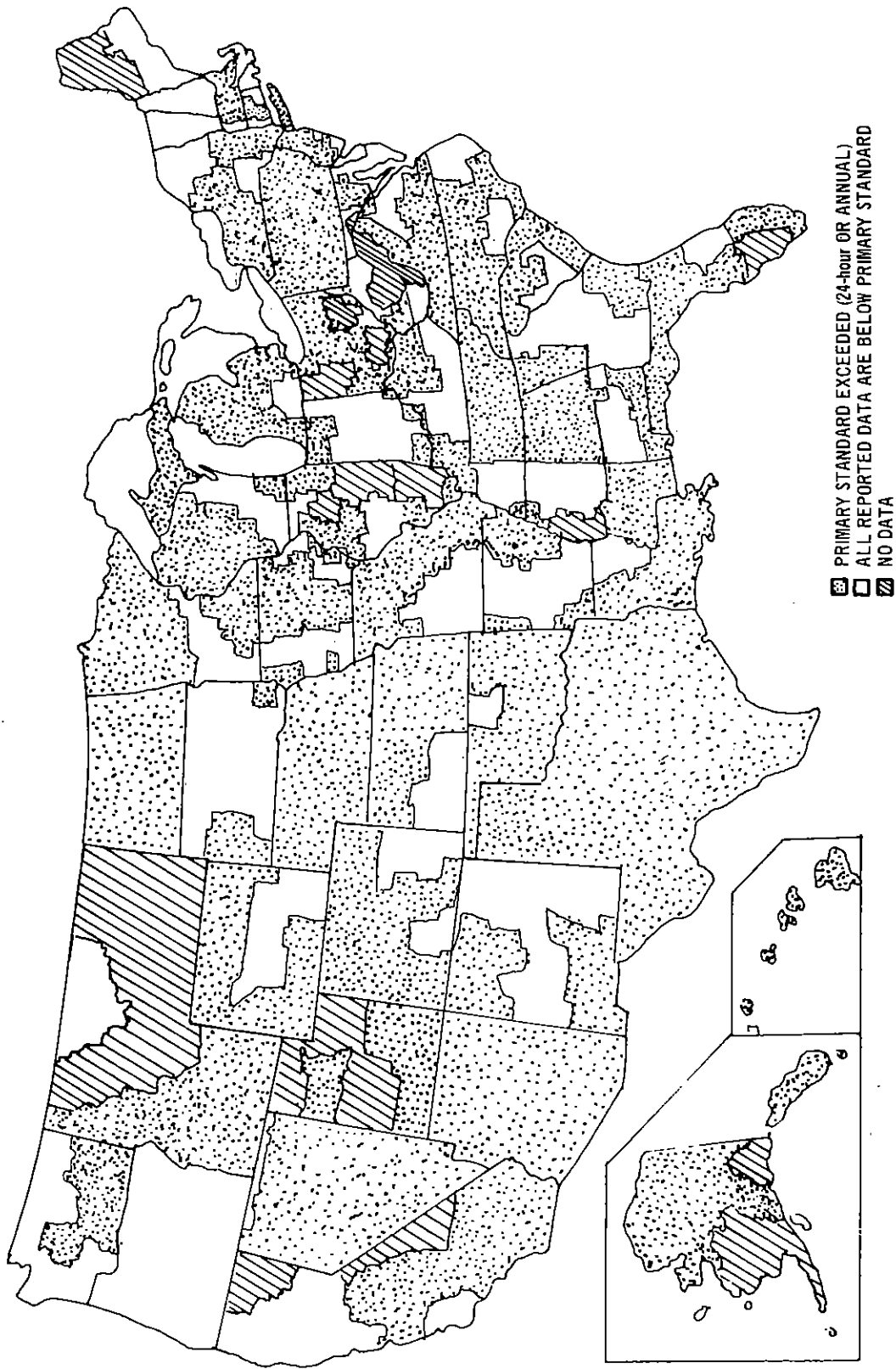


Figure 3-1. Status of suspended particulate levels, 1973.

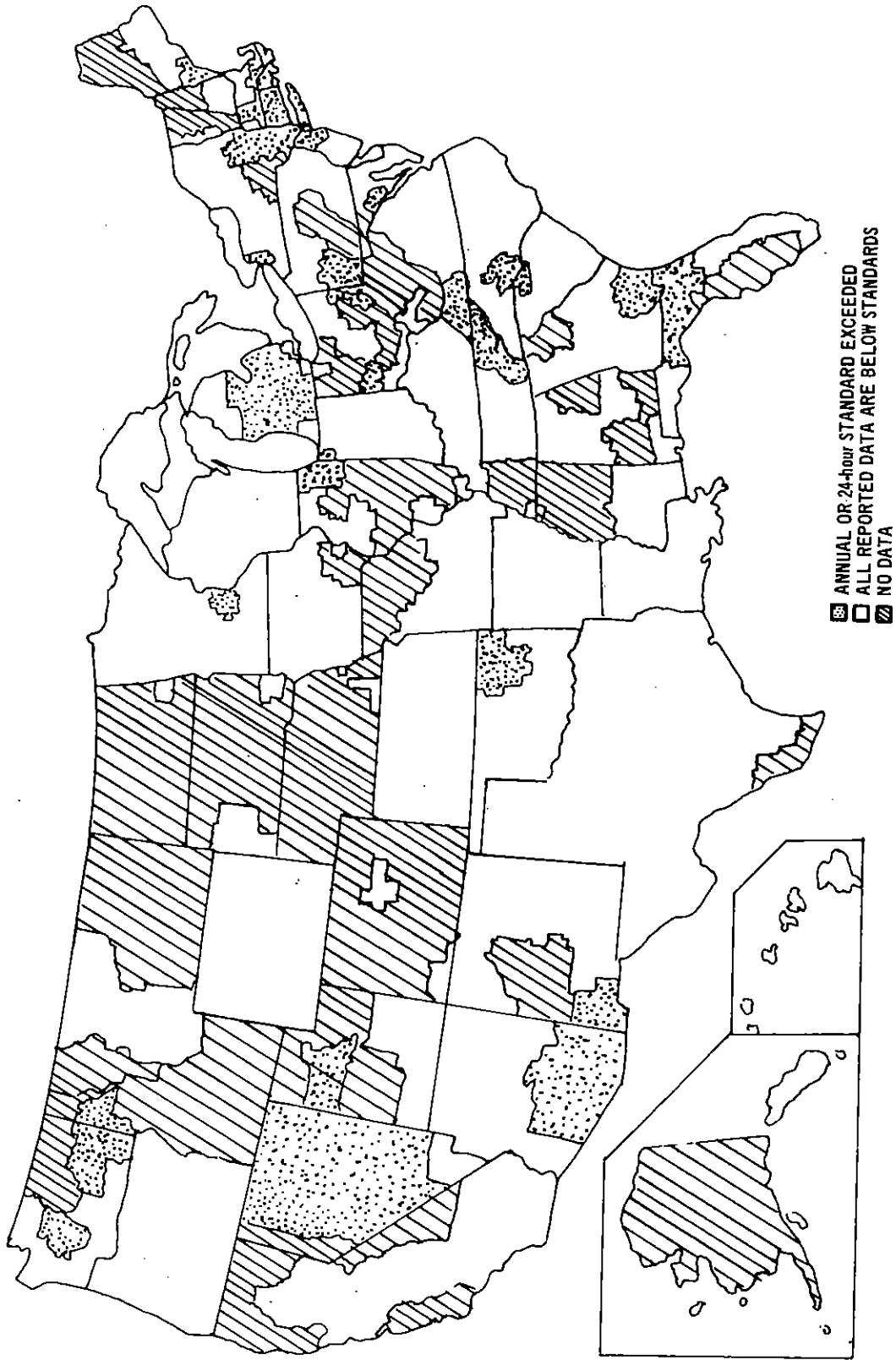


Figure 3-2. Status of sulfur dioxide levels, 1973.

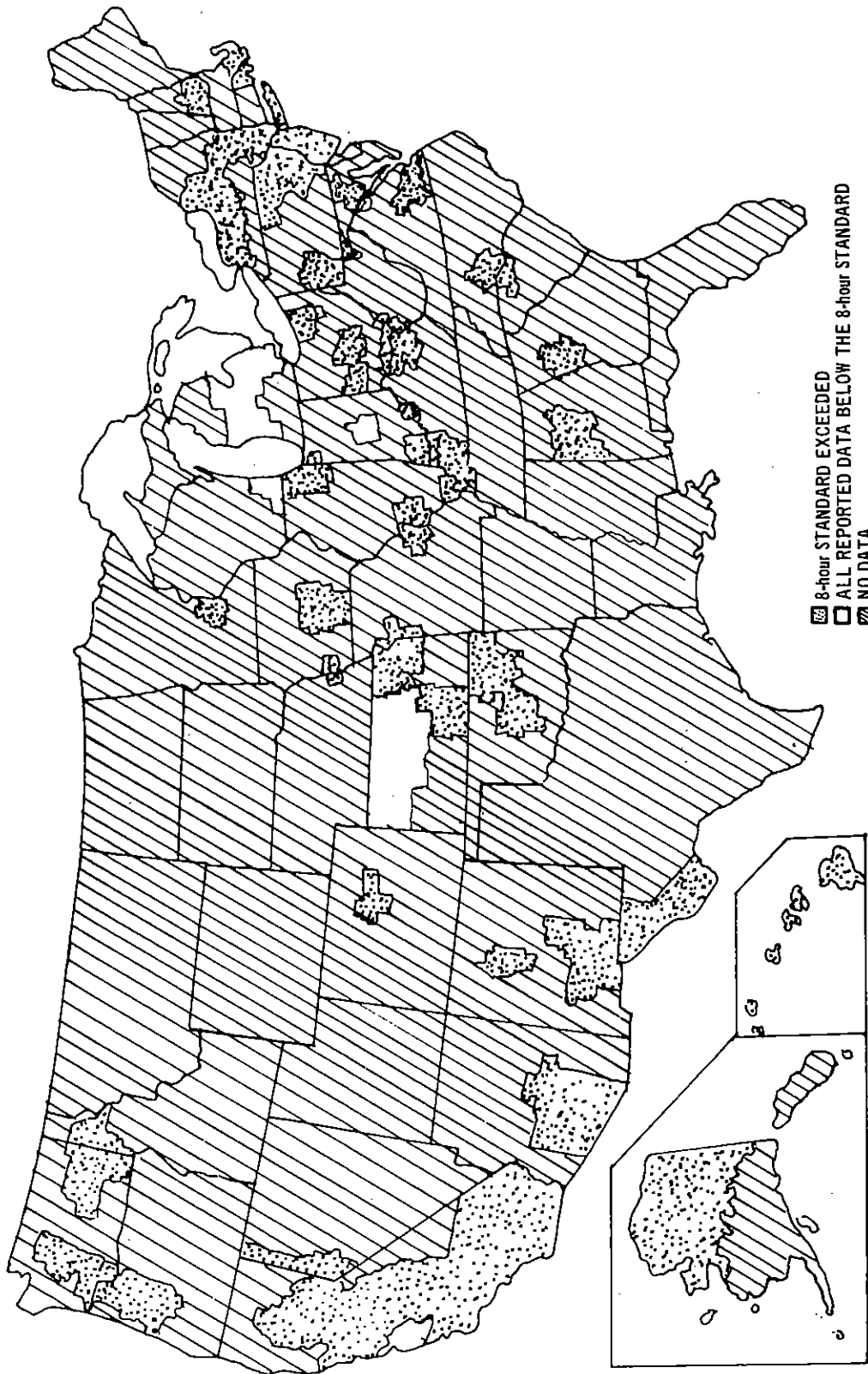


Figure 3-3. Status of carbon monoxide levels, 1973.



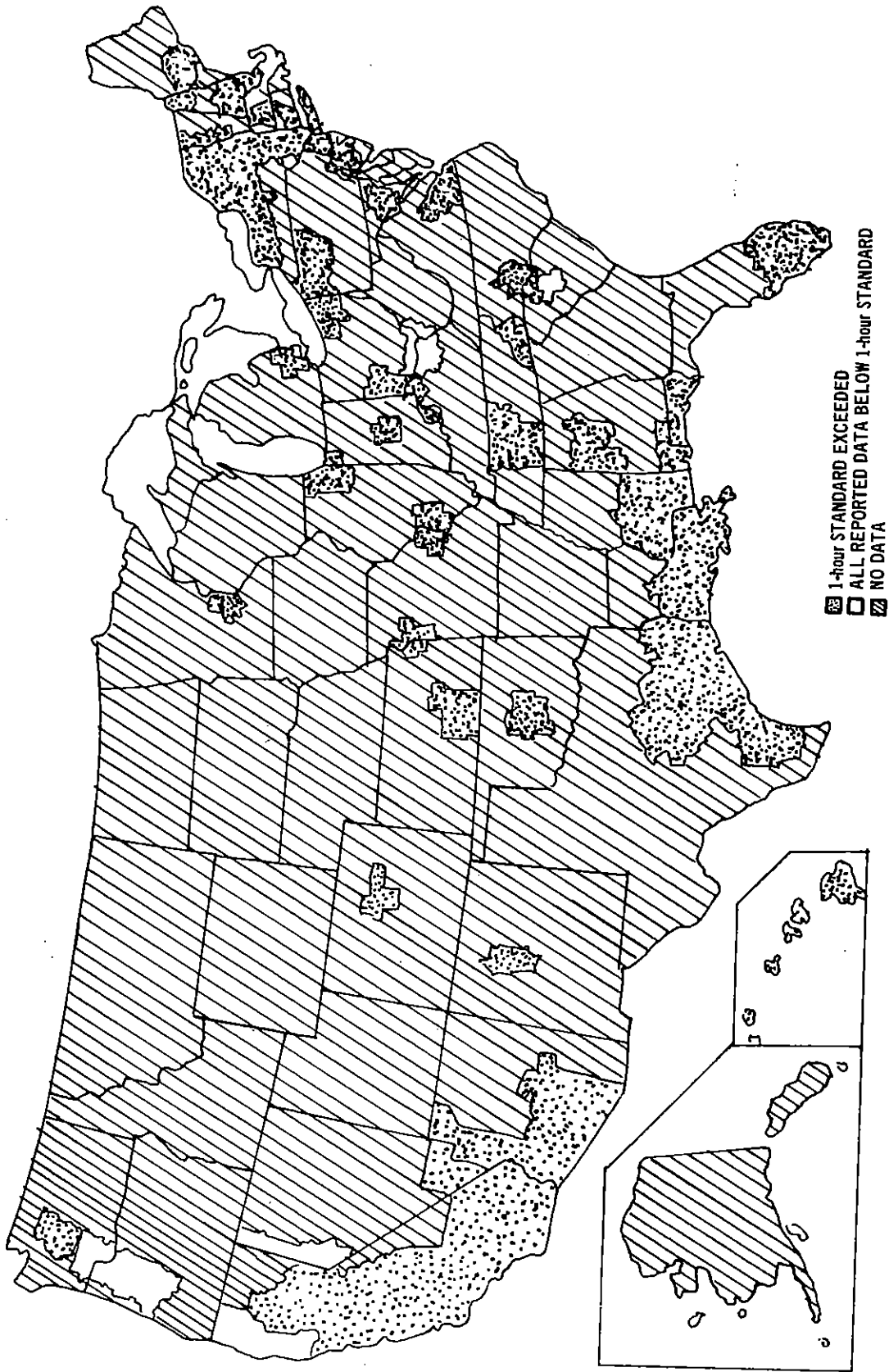


Figure 3-4. Status of oxidant/ozone levels, 1973.

of data below a standard will then support the affirmation that a region is in compliance with that standard.

### 3.1.3.1 Particulates

The classification of AQCR's as Priority I for suspended particulates appears to be justified based on recent air quality measurements versus the primary 24-hour and annual particulate standards. Figure 3-5 shows the distribution of AQCR's as categorized by the stations with the highest annual or second highest 24-hour values.

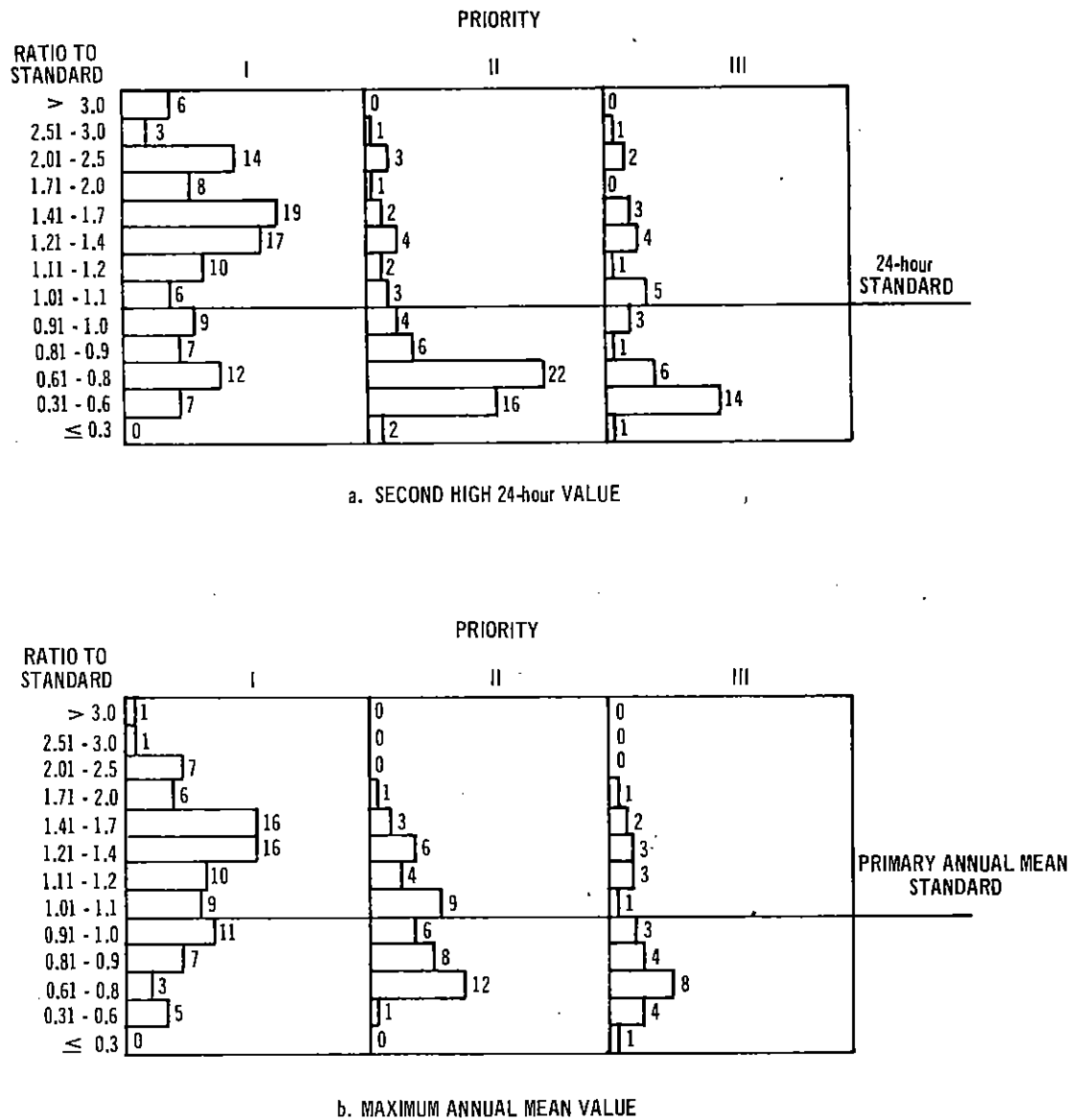


Figure 3-5. Distribution of AQCR's according to 24-hour and annual particulate standards, 1973.

In Priority I AQCR's concentrations as high as three times both the 24-hour and the annual standards were reported. (The analysis of the 24-hour values is based on the second highest value, which, if over the standard, constitutes a violation of that standard.)

The bulk of the Priority II and Priority III AQCR's for suspended particulate are reporting data below both standards, but a few are reporting 24-hour values almost as high as those in the Priority I group, with concentrations as much as two and three times the 24-hour standard. Annual means reported from Priority II and Priority III AQCR's do not range above twice the primary annual standard.

Suspended particulates still constitute a significant problem in many AQCR's and, on the basis of number of AQCR's reporting, appear to be the principal problem when compared with the graphs of the other pollutants in the following sections. In part, this appearance is a consequence of the fact that monitoring for particulates is more extensive than for the other pollutants. As the networks achieve their proposed capacity for monitoring and reporting, the status of these other pollutants will be more clearly definable.

#### 3.1.3.2 Sulfur Dioxide

Although the 24-hour SO<sub>2</sub> standard is still being exceeded by a factor of three in five AQCR's based on the second highest 24-hour value, the majority of AQCR's in all priority classifications are below the 24-hour standard as shown in Figure 3-6a.

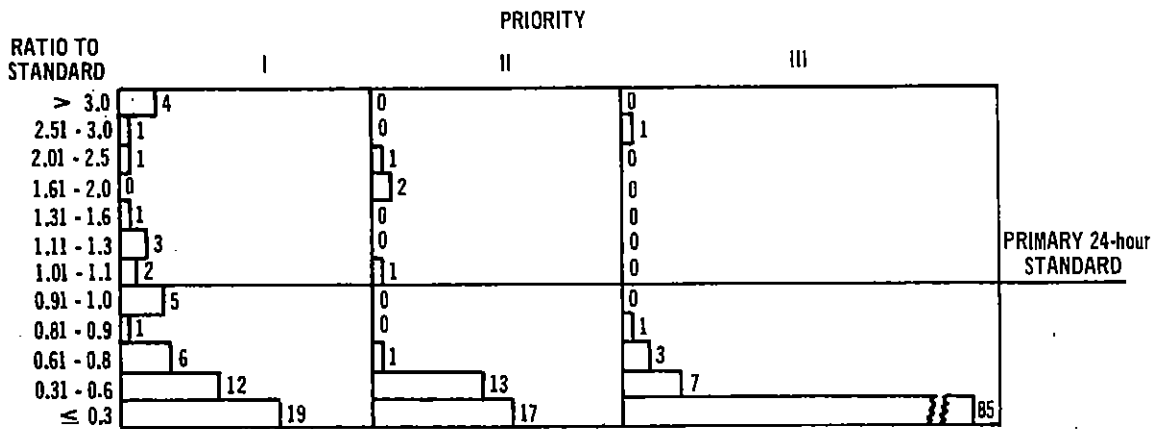
Among AQCR's reporting valid yearly data, the picture is even better for the SO<sub>2</sub> annual mean as shown in Figure 3-6b. Except for a few Priority I AQCR's that were substantially over the standard (40 percent or more), the annual mean SO<sub>2</sub> standard appears to be the closest to achievement, based on present data.

It should be kept in mind that, for all practical purposes, these data precede the period of substantial fuel conversions, which no doubt will continue through 1974 and beyond. The success with which emission control equipment can compensate for the expanded use of fuels with higher sulfur and ash contents will be closely scrutinized in future air quality assessments. A preliminary discussion of the impact of energy developments on air quality is presented in Section 5 of this report.

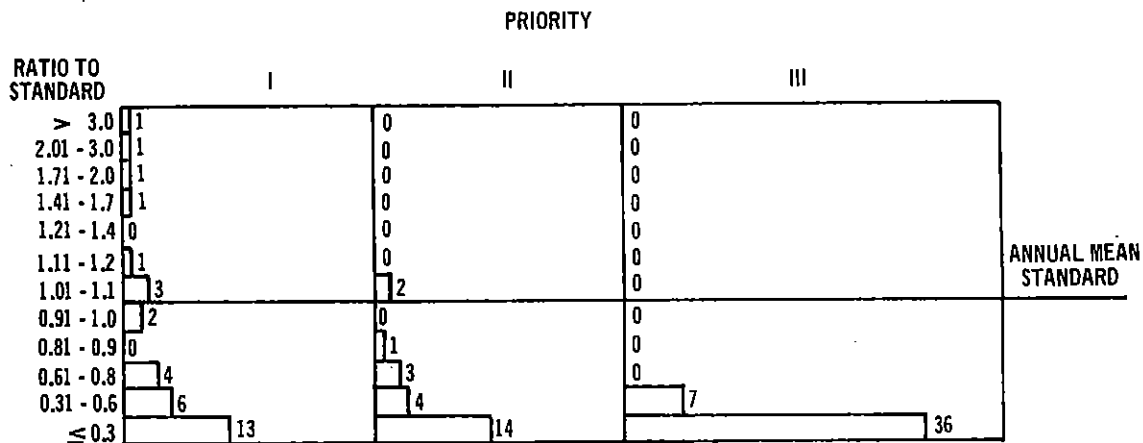
#### 3.1.3.3 Carbon Monoxide

As shown in Figure 3-7, the majority of the AQCR's reporting data on CO are not exceeding the 1-hour standard; i. e., their second highest 1-hour values are less than 40 mg/m<sup>3</sup>.

The most outstanding feature in the CO data is the evidence that the 8-hour standard (shown in Figure 3-7b) is being exceeded in many Priority III AQCR's to a degree scarcely distinguishable from the Priority I AQCR's.



a. SECOND HIGH 24-hour VALUE

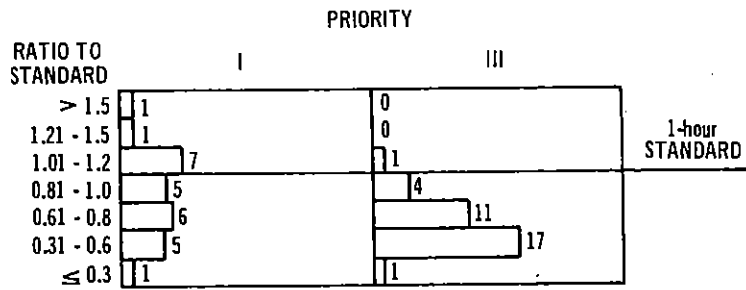


b. MAXIMUM ANNUAL MEAN VALUE

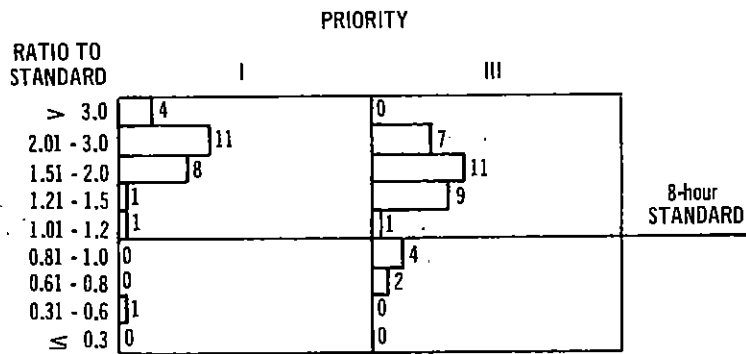
Distribution of AQCR's according to 24-hour and annual sulfur dioxide standards, 1973.

### 3.1.3.4 Oxidant/Ozone

Almost all AQCR's that are classified Priority I for oxidants, and have reported at least a quarter's valid data, are exceeding the 1-hour standard (see Figure 3-8). The majority of the Priority III AQCR's also exceed the standard, but by less than 50 percent in most cases - in contrast to the 100 percent (two times the standard) that characterizes the Priority I AQCR's.



a. SECOND HIGH 1-hour VALUE



b. SECOND HIGH 8-hour VALUE

Figure 3-7. Distribution of AQCRs according to 1-hour and 8-hour carbon monoxide standards; 1973.

### 3.1.4 Five-year Summary of AQCR Status

Table 3-3 presents a 5-year summary of the number of stations reporting from each AQCR and the number of stations exceeding the various standards. Nitrogen dioxide is reported separately in Table 3-4 because the data are quite limited.

On the line with the number and name of each AQCR listed in Table 3-3 is its Priority Classification (PRTY) for each pollutant. Following, in parentheses, is the minimum number of required monitors for that pollutant as specified in the Federal Register.<sup>3</sup>

In the column headings of Table 3-3, two different counts of stations are presented. One, #STA (1), counts only those stations reporting a full year's data (four valid quarters) necessary for appraising status with respect to annual standards. The other, #STA (2), includes stations with at least one valid quarter for purposes of evaluating status with respect to short-term standards. Obviously, if stations with less than a complete year's data show no values exceeding a short-term standard, the status is inconclusive. Further, the status of an AQCR must be considered inconclusive if the number of stations reporting a valid year's data is less than the minimum number required.

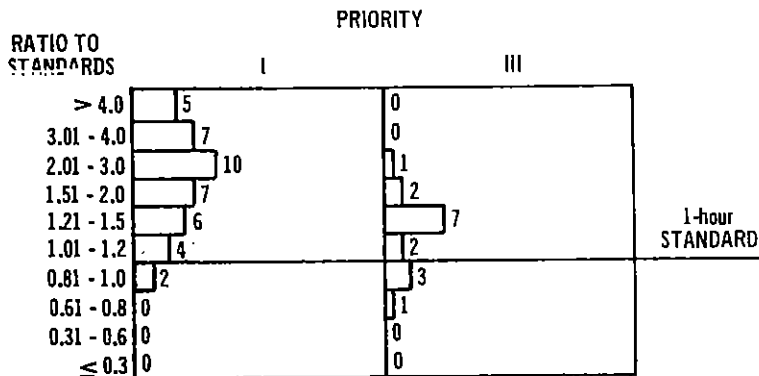


Figure 3-8. Distribution of AQCR's according to 1-hour oxidant/ozone standard, 1973.

The remaining headings in Table 3-3 identify the columns listing the number of stations exceeding the various standards for each pollutant. The values of those standards are included in the headings, in both micrograms per cubic meter (ug/cu.m.) - milligrams per cubic meter for CO - and in parts per million (ppm).

### 3.2 STATUS OF MONITORING ACTIVITIES

In contrast to other sections of this report in which stations are included only if they have reported at least one valid quarter of data, this appraisal of the status of monitoring activity is based on all stations reporting any data to the National Aerometric Data Bank for 1973. Consequently, the numbers of stations will be larger than those tabulated elsewhere.

The contrast is presented explicitly in Table 3-5. Total stations reporting any data are compared with stations reporting data for at least one valid quarter and a complete valid year for 1970 through 1973. Table 3-5 includes the total stations required by regulations and the total proposed in the State Implementation Plans. Many states, recognizing the tenuous coverage afforded by the minimum required network, proposed more comprehensive monitoring in their plans. A state is obligated to the proposed network if it is larger than the required minimum. Although the total of reporting stations is larger than the number obligated or required, some AQCR's have more extensive monitoring than the minimum required or obligated, while others have yet to fully implement their networks; thus, the percentage of required stations in actual operation may be less than 100 percent.

It is clear from Table 3-5 that monitoring activity has expanded markedly since 1970. From the disparities between "stations reporting any data" and "stations reporting valid annual data," it is also evident that the completeness of the reported data leaves much to be desired.

Table 3-3. NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION                              | SUSPENDED PARTICULATES |       |    |    |    |    | SULFUR DIOXIDE |       |       |     |     |          | CARBON MONOXIDE |    |    |    |      |      | OXIDANTS |      |   |   |    |   |     |     |   |     |     |   |     |     |   |     |     |   |   |   |   |
|---|------------------------|-------|----|----|----|----|----------------|-------|-------|-----|-----|----------|-----------------|----|----|----|------|------|----------|------|---|---|----|---|-----|-----|---|-----|-----|---|-----|-----|---|-----|-----|---|---|---|---|
|   | YR                     | P     | #  | #> | #  | #> | ANNUAL         | 24-HR | 24-HR | SEC | PRI | P        | #               | #> | #  | #> | 1-HR | 8-HR | 1-HR     | 8-HR | P | # | #> | R | STA | STD | T | (2) | 160 | Y | (2) | 160 | Y | (2) | 160 |   |   |   |   |
| 001 ALABAMA AND TOBIBGEE RIVERS(ALA)                    | 69                     | II(3) | 0  | 0  | 0  | 0  | 0              | 0     | 0     | 0   | 0   | III(1+0) | 0               | 0  | 0  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   |     |   |   |   |   |
|   | 70                     |       | 0  | 0  | 0  | 0  | 0              | 0     | 0     | 0   | 0   |          | 0               | 0  | 0  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   |     |   |   |   |   |
|   | 71                     |       | 0  | 0  | 0  | 0  | 0              | 0     | 0     | 0   | 0   |          | 0               | 0  | 0  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 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        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   |   |   |   |   |
|   | 73                     |       | 3  | 0  | 0  | 4  | 0              | 0     | 0     | 0   | 0   |          | 0               | 0  | 0  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   |   |   |   |   |
| 002 COLUMBUS-PHENIX CITY (ALA-GA)                       | 69                     | I(8)  | 3  | 1  | 1  | 3  | 0              | 0     | 0     | 0   | 0   | III(1+0) | 0               | 0  | 0  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 |   |   |   |
|   | 70                     |       | 3  | 1  | 1  | 3  | 1              | 0     | 0     | 0   | 0   |          | 2               | 0  | 0  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 |   |   |   |
|   | 71                     |       | 2  | 1  | 0  | 2  | 0              | 0     | 0     | 0   | 0   |          | 2               | 0  | 0  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0 |   |   |
|   | 72                     |       | 5  | 2  | 1  | 8  | 1              | 0     | 0     | 0   | 0   |          | 2               | 0  | 0  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0 |   |   |
|   | 73                     |       | 3  | 1  | 0  | 10 | 3              | 0     | 0     | 0   | 0   |          | 2               | 0  | 0  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0 |   |   |
| 003 EAST ALABAMA  | 69                     | I(6)  | 1  | 0  | 0  | 1  | 0              | 0     | 0     | 0   | 0   | III(1+0) | 0               | 0  | 0  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0 |   |   |
|   | 70                     |       | 1  | 1  | 0  | 1  | 0              | 0     | 0     | 0   | 0   |          | 0               | 0  | 0  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0 | 0 |   |
|   | 71                     |       | 1  | 1  | 1  | 1  | 0              | 0     | 0     | 0   | 0   |          | 0               | 0  | 0  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0 | 0 |   |
|   | 72                     |       | 5  | 3  | 3  | 6  | 4              | 1     | 1     | 1   | 1   |          | 0               | 0  | 0  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0 | 0 |   |
|   | 73                     |       | 5  | 4  | 2  | 7  | 4              | 1     | 1     | 1   | 1   |          | 0               | 0  | 0  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0 | 0 |   |
| 004 METROPOLITAN BIRMINGHAM (ALA)                       | 69                     | I(10) | 0  | 0  | 0  | 1  | 1              | 1     | 1     | 1   | 1   | II(3+1)  | 0               | 0  | 1  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0 | 0 |   |
|   | 70                     |       | 0  | 0  | 0  | 7  | 6              | 3     | 3     | 3   | 3   |          | 0               | 0  | 1  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0 | 0 |   |
|   | 71                     |       | 6  | 5  | 5  | 8  | 7              | 6     | 6     | 6   | 6   |          | 1               | 0  | 1  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0 | 0 |   |
|   | 72                     |       | 9  | 7  | 6  | 20 | 14             | 8     | 8     | 8   | 8   |          | 1               | 0  | 7  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0 | 0 |   |
|   | 73                     |       | 17 | 15 | 12 | 18 | 15             | 10    | 10    | 10  | 10  |          | 6               | 0  | 7  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0 | 0 |   |
| 005 MOBILE-PENSACOLA-PANAMA CITY-S.MISS. (ALA-FLA-MISS) | 69                     | I(14) | 2  | 2  | 2  | 5  | 3              | 0     | 0     | 0   | 0   | I(11+5)  | 0               | 0  | 1  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0 | 0 |   |
|   | 70                     |       | 0  | 0  | 0  | 3  | 1              | 0     | 0     | 0   | 0   |          | 0               | 0  | 3  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0 | 0 |   |
|   | 71                     |       | 0  | 0  | 0  | 10 | 3              | 1     | 1     | 1   | 1   |          | 0               | 0  | 3  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0 | 0 | 0 |
|   | 72                     |       | 5  | 3  | 3  | 9  | 4              | 1     | 1     | 1   | 1   |          | 1               | 0  | 4  | 1  | 1    | 1    | 1        | 1    | 1 | 1 | 1  | 1 | 1   | 1   | 1 | 1   | 1   | 1 | 1   | 1   | 1 | 1   | 1   | 1 | 1 | 1 |   |
|   | 73                     |       | 5  | 2  | 2  | 25 | 11             | 3     | 3     | 3   | 3   |          | 2               | 0  | 15 | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0 | 0 |   |
| 006 SCUTHEAST ALABAMA                                   | 69                     | II(3) | 0  | 0  | 0  | 0  | 0              | 0     | 0     | 0   | 0   | III(1+0) | 0               | 0  | 0  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0 | 0 |   |
|   | 70                     |       | 0  | 0  | 0  | 0  | 0              | 0     | 0     | 0   | 0   |          | 0               | 0  | 0  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0 | 0 |   |
|   | 71                     |       | 0  | 0  | 0  | 0  | 0              | 0     | 0     | 0   | 0   |          | 0               | 0  | 0  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 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        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0 | 0 |   |
|   | 73                     |       | 2  | 1  | 1  | 2  | 2              | 0     | 0     | 0   | 0   |          | 0               | 0  | 0  | 0  | 0    | 0    | 0        | 0    | 0 | 0 | 0  | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 | 0 | 0 |   |

Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION                        | SUSPENDED PARTICULATES |    |         |   |        |    |         |   |        |    |         |   | SULFUR DIOXIDE |   |         |   | CARBON MONOXIDE |   |         |   | OZONE |  |
|---|------------------------|----|---------|---|--------|----|---------|---|--------|----|---------|---|----------------|---|---------|---|-----------------|---|---------|---|-------|--|
|   | ANNUAL                 |    | 24-HOUR |   | ANNUAL |    | 24-HOUR |   | ANNUAL |    | 24-HOUR |   | ANNUAL         |   | 24-HOUR |   | ANNUAL          |   | 24-HOUR |   |       |  |
|   | P                      | R  | #       | % | P      | R  | #       | % | P      | R  | #       | % | P              | R | #       | % | P               | R | #       | % |       |  |
| 007 TENN. RIVER VALLEY-CUMBERLAND MTS (ALB-TENN)  | 69                     | 2  | 0       | 0 | 2      | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
|   | 70                     | 2  | 1       | 0 | 2      | 0  | 0       | 1 | 0      | 0  | 0       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
|   | 71                     | 1  | 0       | 0 | 5      | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
|   | 72                     | 15 | 7       | 4 | 22     | 9  | 3       | 0 | 0      | 0  | 0       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
|   | 73                     | 18 | 7       | 4 | 37     | 13 | 7       | 0 | 0      | 0  | 7       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
| 008 COCK INLET (ALSK)                             | 69                     | 1  | 1       | 1 | 1      | 1  | 0       | 0 | 0      | 0  | 0       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
|   | 70                     | 1  | 1       | 0 | 1      | 1  | 0       | 0 | 0      | 0  | 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               | 0 | 0       | 0 | 0     |  |
|   | 72                     | 3  | 2       | 0 | 8      | 5  | 3       | 0 | 0      | 0  | 0       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
|   | 73                     | 4  | 1       | 1 | 10     | 7  | 3       | 0 | 0      | 0  | 0       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
| 009 NORTHERN ALASKA                               | 69                     | 1  | 1       | 1 | 1      | 1  | 1       | 1 | 1      | 1  | 1       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
|   | 70                     | 0  | 0       | 0 | 1      | 1  | 1       | 0 | 0      | 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               | 0 | 0       | 0 | 0     |  |
|   | 72                     | 1  | 1       | 1 | 5      | 2  | 1       | 0 | 0      | 0  | 0       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
|   | 73                     | 4  | 1       | 0 | 11     | 9  | 4       | 0 | 0      | 0  | 0       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
| 010 SOUTH CENTRAL ALASKA                          | 69                     | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
|   | 70                     | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
|   | 71                     | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
|   | 72                     | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
|   | 73                     | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
| 011 SOUTHEASTERN ALASKA                           | 69                     | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
|   | 70                     | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
|   | 71                     | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
|   | 72                     | 0  | 0       | 0 | 3      | 3  | 1       | 0 | 0      | 0  | 0       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
|   | 73                     | 2  | 0       | 0 | 6      | 4  | 1       | 0 | 0      | 0  | 4       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
| 012 MEXICAN-ALASKA SOUTHERN BORDER (ALB-TENN-MEX) | 69                     | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
|   | 70                     | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
|   | 71                     | 2  | 1       | 1 | 4      | 3  | 1       | 0 | 0      | 0  | 1       | 1 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
|   | 72                     | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0      | 0  | 0       | 0 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |
|   | 73                     | 8  | 1       | 0 | 13     | 7  | 2       | 8 | 2      | 16 | 6       | 5 | 0              | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0     |  |



Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION               | SUSPENDED PARTICULATES |   |         |     |        |     |       |   |      |   | SULFUR DIOXIDE |   |       |   | CARBON MONOXIDE |   |        |   | OXIDANTS |   |      |   |
|--|------------------------|---|---------|-----|--------|-----|-------|---|------|---|----------------|---|-------|---|-----------------|---|--------|---|----------|---|------|---|
|  | ANNUAL                 |   | 24-HOUR |     | ANNUAL |     | 24-HR |   | 3-HR |   | ANNUAL         |   | 24-HR |   | 3-HR            |   | ANNUAL |   | 24-HR    |   | 3-HR |   |
|  | YR                     | P | R       | STA | SEC    | PRI | Y     | T | Y    | T | Y              | T | Y     | T | Y               | T | Y      | T | Y        | T | Y    | T |
| 013 CLARK-MOHAVE (ARIZ-NEV)              | 69                     | 2 | 2       | 2   | 2      | 2   | 2     | 2 | 2    | 2 | 2              | 2 | 2     | 2 | 2               | 2 | 2      | 2 | 2        | 2 | 2    | 2 |
| 014 FOUR CORNERS (ARIZ-COLO-N.M.-UTAH)   | 69                     | 3 | 1       | 1   | 3      | 1   | 0     | 0 | 0    | 0 | 0              | 0 | 0     | 0 | 0               | 0 | 0      | 0 | 0        | 0 | 0    | 0 |
| 015 PHOENIX-TUCSON (ARIZ)                | 69                     | 4 | 3       | 3   | 4      | 2   | 0     | 2 | 0    | 5 | 2              | 3 | 1     | 1 | 1               | 1 | 1      | 1 | 1        | 1 | 1    | 1 |
| 016 CENTRAL ARKANSAS                     | 69                     | 2 | 2       | 2   | 2      | 2   | 1     | 0 | 0    | 1 | 0              | 0 | 0     | 0 | 0               | 0 | 0      | 0 | 0        | 0 | 0    | 0 |
| 017 METROPOLITAN FORT SMITH (ARK-OKLA)   | 69                     | 2 | 0       | 0   | 2      | 0   | 0     | 2 | 0    | 0 | 0              | 0 | 0     | 0 | 0               | 0 | 0      | 0 | 0        | 0 | 0    | 0 |
| 018 METROPOLITAN MEMPHIS (ARK-MISS-TENN) | 69                     | 3 | 3       | 1   | 7      | 4   | 0     | 1 | 0    | 1 | 0              | 0 | 0     | 0 | 0               | 0 | 0      | 0 | 0        | 0 | 0    | 0 |

Table 3-3 (continued) . NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AID | QUALITY CONTROL REGION                          | SUSPENDED PARTICULATES |    |    |        |     |     |         |     |     |   |   |      | SULFUR DIOXIDE |   |      |   |   | CARBON MONOXIDE |   |   |      |   | OXIDANTS |      |     |     |     |     |     |     |     |     |
|-----|---|------------------------|----|----|--------|-----|-----|---------|-----|-----|---|---|------|----------------|---|------|---|---|-----------------|---|---|------|---|----------|------|-----|-----|-----|-----|-----|-----|-----|-----|
|     |   | YP                     | P  | #  | ANNUAL |     |     | 24-HOUR |     |     | P | # | 1-HR | P              | # | 1-HR | P | # | 1-HR            | P | # | 1-HR | P | #        | 1-HR |     |     |     |     |     |     |     |     |
|     |   |                        |    |    | STA    | SEC | PRI | STA     | SEC | PRI |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      | STA | STD | STD | STD | STA | STD | STD | STA |
| 019 | MONROE--EL DUKADD. (ARK-LA)                     | UG/CJ:M: Y             | 1  | 1  | 60     | 75  | (2) | 150     | 260 |     |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |
|     |   | P.P.M: Y               | 2  | 1  | 1      | 1   | 2   | 1       | 0   |     |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |
|     |   |                        | 0  | 0  | 0      | 0   | 0   | 0       | 0   | 0   |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |
|     |   |                        | 0  | 0  | 0      | 0   | 0   | 0       | 0   | 0   |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |
| 020 | NORTHEAST ARKANSAS                              | UG/CJ:M: Y             | 1  | 1  | 1      | 1   | 4   | 1       | 0   |     |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |
|     |   | P.P.M: Y               | 5  | 5  | 4      | 23  | 15  | 3       |     |     |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |
|     |   |                        | 0  | 0  | 0      | 0   | 0   | 0       | 0   | 0   |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |
|     |   |                        | 0  | 0  | 0      | 0   | 0   | 0       | 0   | 0   |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |
| 021 | NORTHWEST ARKANSAS                              | UG/CJ:M: Y             | 1  | 0  | 0      | 0   | 0   | 0       | 0   |     |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |
|     |   | P.P.M: Y               | 1  | 0  | 0      | 0   | 0   | 0       | 0   | 0   |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |
|     |   |                        | 0  | 0  | 0      | 0   | 0   | 0       | 0   | 0   |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |
|     |   |                        | 0  | 0  | 0      | 0   | 0   | 0       | 0   | 0   |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |
| 022 | SHREVEPORT--TEXARKANA--TYLER (ARK-LA--OKLA-TEX) | UG/CJ:M: Y             | 3  | 3  | 1      | 7   | 5   | 1       | 0   |     |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |
|     |   | P.P.M: Y               | 3  | 2  | 1      | 6   | 2   | 1       | 0   | 0   |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |
|     |   |                        | 3  | 2  | 1      | 6   | 2   | 1       | 0   | 0   |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |
|     |   |                        | 0  | 0  | 0      | 0   | 0   | 0       | 0   | 0   |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |
| 023 | GREAT BASIN VALLEY (CALIF)                      | UG/CJ:M: Y             | 0  | 0  | 0      | 0   | 0   | 0       | 0   |     |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |
|     |   | P.P.M: Y               | 0  | 0  | 0      | 0   | 0   | 0       | 0   | 0   |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |
|     |   |                        | 0  | 0  | 0      | 0   | 0   | 0       | 0   | 0   |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |
|     |   |                        | 0  | 0  | 0      | 0   | 0   | 0       | 0   | 0   |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |
| 024 | METROPOLITAN LOS ANGELES (CALIF)                | UG/CJ:M: Y             | 1  | 15 | 15     | 13  | 16  | 15      | 2   |     |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |
|     |   | P.P.M: Y               | 15 | 11 | 11     | 11  | 11  | 10      | 4   |     |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |
|     |   |                        | 15 | 11 | 11     | 11  | 11  | 10      | 4   |     |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |
|     |   |                        | 0  | 0  | 0      | 0   | 0   | 0       | 0   | 0   |   |   |      |                |   |      |   |   |                 |   |   |      |   |          |      |     |     |     |     |     |     |     |     |

Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIP QUALITY CONTROL REGION         | SUSPENDED PARTICULATES |         |     |     | SULFUR DIOXIDE |       |     |     | CARBON MONOXIDE |           |      |      | OXIDANTS |         |     |     |     |         |
|------------------------------------|------------------------|---------|-----|-----|----------------|-------|-----|-----|-----------------|-----------|------|------|----------|---------|-----|-----|-----|---------|
|                                    | YR                     | P       | R   | T   | ANNUAL         | 24-HR | SEC | PRI | ANNUAL          | 24-HR     | 3-HR | 1-HP |          | 9-HR    | P   | R   | T   |         |
| UG/CU.M:                           | Y                      | (1)     | (2) | (1) | 60             | 75    | (2) | 150 | 260             | (1)       | 80   | (2)  | 365      | 1300    | (2) | 40* | 10* |         |
| P.P.M.:                            | Y                      | -       | -   | -   | -              | .03   | .14 | .50 | -               | .03       | .14  | .50  | -        | 35      | 9   | 9   | .08 |         |
| 025 NORTH CENTRAL COAST (CALIF)    |                        |         |     |     |                |       |     |     |                 |           |      |      |          |         |     |     |     |         |
|                                    | 69                     | 0       | 0   | 0   | 0              | 0     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 0       | 0   | 0   | 0   | 0       |
|                                    | 70                     | 0       | 0   | 0   | 0              | 0     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 0       | 0   | 0   | 0   | 0       |
|                                    | 71                     | 0       | 0   | 0   | 0              | 0     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 0       | 0   | 0   | 0   | 0       |
|                                    | 72                     | 0       | 0   | 0   | 0              | 0     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 0       | 0   | 0   | 0   | 0       |
|                                    | 73                     | 4       | 1   | 1   | 4              | 1     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 1       | 0   | 0   | 0   | 0       |
|                                    |                        | III(3)  |     |     |                |       |     |     |                 | III(1+0)  |      |      |          | III(0)  |     |     |     | I(2)    |
| 026 NORTH COAST (CALIF)            |                        |         |     |     |                |       |     |     |                 |           |      |      |          |         |     |     |     |         |
|                                    | 69                     | 1       | 0   | 0   | 1              | 0     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 0       | 0   | 0   | 0   | 0       |
|                                    | 70                     | 1       | 0   | 0   | 1              | 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   | 0       |
|                                    | 72                     | 0       | 0   | 0   | 0              | 0     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 0       | 0   | 0   | 0   | 0       |
|                                    | 73                     | 1       | 0   | 0   | 1              | 0     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 0       | 0   | 0   | 0   | 1       |
|                                    |                        | III(3)  |     |     |                |       |     |     |                 | III(1+0)  |      |      |          | III(0)  |     |     |     | III(0)  |
| 027 NORTHEAST PLATEAU (CALIF)      |                        |         |     |     |                |       |     |     |                 |           |      |      |          |         |     |     |     |         |
|                                    | 69                     | 0       | 0   | 0   | 0              | 0     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 0       | 0   | 0   | 0   | 0       |
|                                    | 70                     | 0       | 0   | 0   | 0              | 0     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 0       | 0   | 0   | 0   | 0       |
|                                    | 71                     | 0       | 0   | 0   | 0              | 0     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 0       | 0   | 0   | 0   | 0       |
|                                    | 72                     | 0       | 0   | 0   | 0              | 0     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 0       | 0   | 0   | 0   | 0       |
|                                    | 73                     | 0       | 0   | 0   | 0              | 0     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 0       | 0   | 0   | 0   | 0       |
|                                    |                        | IIII(1) |     |     |                |       |     |     |                 | IIII(1+0) |      |      |          | IIII(0) |     |     |     | IIII(0) |
| 028 SACRAMENTO VALLEY (CALIF)      |                        |         |     |     |                |       |     |     |                 |           |      |      |          |         |     |     |     |         |
|                                    | 69                     | 1       | 0   | 0   | 1              | 0     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 0       | 0   | 0   | 0   | 0       |
|                                    | 70                     | 1       | 0   | 0   | 1              | 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   | 0       |
|                                    | 72                     | 1       | 1   | 0   | 1              | 0     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 0       | 0   | 0   | 0   | 0       |
|                                    | 73                     | 3       | 2   | 0   | 5              | 2     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 0       | 0   | 0   | 0   | 0       |
|                                    |                        | II(3)   |     |     |                |       |     |     |                 | IIII(1+0) |      |      |          | I(3)    |     |     |     | I(3)    |
| 029 SAN DIEGO (CALIF)              |                        |         |     |     |                |       |     |     |                 |           |      |      |          |         |     |     |     |         |
|                                    | 69                     | 2       | 2   | 0   | 2              | 1     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 0       | 0   | 0   | 0   | 0       |
|                                    | 70                     | 2       | 1   | 2   | 2              | 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   | 0       |
|                                    | 72                     | 1       | 0   | 0   | 1              | 0     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 0       | 0   | 0   | 0   | 0       |
|                                    | 73                     | 3       | 3   | 3   | 4              | 3     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 0       | 0   | 0   | 0   | 0       |
|                                    |                        | III(3)  |     |     |                |       |     |     |                 | III(1+0)  |      |      |          | I(3)    |     |     |     | I(3)    |
| 030 SAN FRANCISCO BAY AREA (CALIF) |                        |         |     |     |                |       |     |     |                 |           |      |      |          |         |     |     |     |         |
|                                    | 69                     | 4       | 3   | 2   | 5              | 0     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 0       | 0   | 0   | 0   | 0       |
|                                    | 70                     | 2       | 1   | 0   | 5              | 0     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 0       | 0   | 0   | 0   | 0       |
|                                    | 71                     | 3       | 1   | 1   | 4              | 1     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 0       | 0   | 0   | 0   | 0       |
|                                    | 72                     | 3       | 0   | 0   | 4              | 1     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 0       | 0   | 0   | 0   | 0       |
|                                    | 73                     | 12      | 3   | 0   | 18             | 2     | 0   | 0   | 0               | 0         | 0    | 0    | 0        | 0       | 0   | 0   | 0   | 0       |
|                                    |                        | III(3)  |     |     |                |       |     |     |                 | III(3+1)  |      |      |          | I(9)    |     |     |     | I(8)    |



Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CENTER REGION                      | SUSPENDED PARTICULATES |   |   |   |       |    |   |           |        |   |   |   |   | SULFUR DIOXIDE |   |         |   |   | CARBON MONOXIDE |   |   |   |   | OXIDANTS |   |         |   |   |   |   |
|--|------------------------|---|---|---|-------|----|---|-----------|--------|---|---|---|---|----------------|---|---------|---|---|-----------------|---|---|---|---|----------|---|---------|---|---|---|---|
|  | ANNUAL                 |   |   |   | 24-HR |    |   |           | ANNUAL |   |   |   |   | 24-HR          |   |         |   |   | 3-HR            |   |   |   |   | 1-HR     |   |         |   |   |   |   |
|  | #                      | # | # | # | #     | #  | # | #         | #      | # | # | # | # | #              | # | #       | # | # | #               | # | # | # | # | #        | # | #       | # | # | # |   |
|  | P                      | R | T | Y | P     | R  | T | Y         | P      | R | T | Y | P | R              | T | Y       | P | R | T               | Y | P | R | T | Y        | P | R       | T | P | R | T |
| 037 PARKER (COLO)                              | I (5)                  | 7 | 6 | 5 | 9     | 7  | 3 | III (1+0) | 0      | 0 | 0 | 0 | 0 | 0              | 0 | III (0) | 0 | 0 | 0               | 0 | 0 | 0 | 0 | 0        | 0 | III (0) | 0 | 0 | 0 | 0 |
| 038 SAN ISABEL (COLO)                          | I (7)                  | 6 | 5 | 5 | 6     | 6  | 3 | III (1+0) | 0      | 0 | 0 | 0 | 0 | 0              | 0 | III (0) | 0 | 0 | 0               | 0 | 0 | 0 | 0 | 0        | 0 | III (0) | 1 | 1 | 1 | 1 |
| 039 SAN LUIS (COLO)                            | III (1)                | 0 | 0 | 0 | 0     | 0  | 0 | III (1+0) | 0      | 0 | 0 | 0 | 0 | 0              | 0 | III (0) | 0 | 0 | 0               | 0 | 0 | 0 | 0 | 0        | 0 | III (0) | 0 | 0 | 0 | 0 |
| 040 YAMPA (COLO)                               | III (1)                | 0 | 0 | 0 | 0     | 0  | 0 | III (1+0) | 0      | 0 | 0 | 0 | 0 | 0              | 0 | III (0) | 0 | 0 | 0               | 0 | 0 | 0 | 0 | 0        | 0 | III (0) | 0 | 0 | 0 | 0 |
| 041 EASTERN CONNECTICUT                        | II (3)                 | 1 | 1 | 0 | 3     | 0  | 0 | III (1+0) | 0      | 0 | 0 | 0 | 0 | 0              | 0 | III (0) | 0 | 0 | 0               | 0 | 0 | 0 | 0 | 0        | 0 | III (0) | 0 | 0 | 0 | 0 |
| 042 HARTFORD-NEW HAVEN-SPRINGFIELD (CONN-MASS) | I (13)                 | 7 | 6 | 4 | 21    | 10 | 0 | I (9+4)   | 2      | 1 | 5 | 2 | 2 | 2              | 2 | I (4)   | 0 | 0 | 0               | 0 | 0 | 0 | 0 | 0        | 0 | I (4)   | 0 | 0 | 0 | 0 |

Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION                   | SUSPENDED PARTICULATES |         |         |     |        |     | SULFUR DIOXIDE |   |             |     |         |     | CARBON MONOXIDE |    |      |     |      |     | OXIDANTS |   |      |     |      |     |  |
|--|------------------------|---------|---------|-----|--------|-----|----------------|---|-------------|-----|---------|-----|-----------------|----|------|-----|------|-----|----------|---|------|-----|------|-----|--|
|  | ANNUAL                 |         | 24-HOUR |     | ANNUAL |     | 24-HOUR        |   | ANNUAL      |     | 24-HOUR |     | 1-HR            |    | 8-HR |     | 1-HR |     | 8-HR     |   | 1-HR |     | 8-HR |     |  |
|  | YR                     | P       | R       | STA | SEC    | PRI | YR             | P | R           | STA | SEC     | PRI | YR              | P  | R    | STA | SEC  | PRI | YR       | P | R    | STA | SEC  | PRI |  |
| 043 NEW JERSEY-NEW YORK-CONNECTICUT          |                        |         |         |     |        |     |                |   |             |     |         |     |                 |    |      |     |      |     |          |   |      |     |      |     |  |
|  | 69                     | I (41)  | 36      | 26  | 14     | 45  | 17             | 5 | 6           | 3   | 9       | 4   | 1               | 4  | 0    | 4   | 0    | 0   | I (15)   |   |      |     |      |     |  |
|  | 70                     |         | 42      | 31  | 22     | 50  | 32             | 3 | 7           | 3   | 16      | 4   | 1               | 8  | 0    | 7   | 0    | 0   |          |   |      |     |      |     |  |
|  | 71                     |         | 63      | 47  | 27     | 80  | 41             | 6 | 13          | 2   | 22      | 3   | 0               | 6  | 1    | 6   | 2    | 2   |          |   |      |     |      |     |  |
|  | 72                     |         | 71      | 31  | 12     | 102 | 22             | 2 | 21          | 1   | 28      | 0   | 0               | 13 | 2    | 12  | 2    | 2   |          |   |      |     |      |     |  |
|  | 73                     |         | 23      | 5   | 0      | 149 | 48             | 5 | 17          | 1   | 56      | 0   | 0               | 19 | 8    | 17  | 9    | 9   |          |   |      |     |      |     |  |
|  |                        |         |         |     |        |     |                |   |             |     |         |     |                 |    |      |     |      |     |          |   |      |     |      |     |  |
| 044 NORTHWESTERN CONNECTICUT                 |                        |         |         |     |        |     |                |   |             |     |         |     |                 |    |      |     |      |     |          |   |      |     |      |     |  |
|  | 69                     | III (1) | 1       | 1   | 1      | 3   | 0              | 0 | III (1 + 0) | 1   | 0       | 1   | 0               | 0  | 0    | 0   | 0    | 0   | III (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   |          |   |      |     |      |     |  |
|  | 73                     |         | 0       | 0   | 0      | 4   | 0              | 0 | 0           | 0   | 3       | 0   | 0               | 0  | 0    | 0   | 0    | 0   |          |   |      |     |      |     |  |
| 045 METROPOLITAN PHILADELPHIA (DEL-N.-J.-PA) |                        |         |         |     |        |     |                |   |             |     |         |     |                 |    |      |     |      |     |          |   |      |     |      |     |  |
|  | 69                     | I (21)  | 11      | 10  | 5      | 21  | 8              | 3 | I (14 + 9)  | 7   | 2       | 15  | 2               | 3  | 2    | 0   | 2    | 0   | I (9)    |   |      |     |      |     |  |
|  | 70                     |         | 8       | 7   | 4      | 10  | 6              | 1 | 9           | 3   | 14      | 2   | 1               | 6  | 2    | 6   | 0    | 0   |          |   |      |     |      |     |  |
|  | 71                     |         | 17      | 14  | 5      | 26  | 10             | 3 | 9           | 0   | 18      | 0   | 0               | 6  | 1    | 6   | 0    | 0   |          |   |      |     |      |     |  |
|  | 72                     |         | 32      | 15  | 7      | 50  | 14             | 2 | 16          | 1   | 24      | 1   | 0               | 8  | 1    | 7   | 1    | 1   |          |   |      |     |      |     |  |
|  | 73                     |         | 5       | 2   | 1      | 57  | 13             | 3 | 10          | 0   | 24      | 0   | 0               | 9  | 1    | 8   | 3    | 2   |          |   |      |     |      |     |  |
| 046 SOUTHERN DELAWARE                        |                        |         |         |     |        |     |                |   |             |     |         |     |                 |    |      |     |      |     |          |   |      |     |      |     |  |
|  | 69                     | III (1) | 0       | 0   | 0      | 1   | 0              | 0 | III (1 + 0) | 1   | 0       | 1   | 0               | 0  | 0    | 0   | 0    | 0   | III (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   |          |   |      |     |      |     |  |
|  | 73                     |         | 0       | 0   | 0      | 3   | 0              | 0 | 0           | 0   | 1       | 0   | 0               | 0  | 0    | 0   | 0    | 0   |          |   |      |     |      |     |  |
| 047 NATIONAL CAPITAL (D.C.-MD-VA)            |                        |         |         |     |        |     |                |   |             |     |         |     |                 |    |      |     |      |     |          |   |      |     |      |     |  |
|  | 69                     | I (15)  | 1       | 1   | 0      | 27  | 7              | 1 | I (10 + 5)  | 2   | 0       | 3   | 0               | 0  | 1    | 0   | 1    | 0   | I (5)    |   |      |     |      |     |  |
|  | 70                     |         | 13      | 8   | 2      | 28  | 10             | 2 | 1           | 0   | 3       | 0   | 0               | 1  | 1    | 1   | 1    | 0   |          |   |      |     |      |     |  |
|  | 71                     |         | 11      | 4   | 1      | 47  | 10             | 0 | 1           | 0   | 13      | 0   | 1               | 3  | 1    | 3   | 1    | 3   |          |   |      |     |      |     |  |
|  | 72                     |         | 45      | 9   | 2      | 60  | 11             | 3 | 15          | 0   | 19      | 0   | 0               | 3  | 2    | 2   | 3    | 3   |          |   |      |     |      |     |  |
|  | 73                     |         | 0       | 0   | 0      | 62  | 7              | 3 | 0           | 0   | 34      | 1   | 1               | 7  | 2    | 5   | 9    | 7   |          |   |      |     |      |     |  |
| 048 CENTRAL FLORIDA                          |                        |         |         |     |        |     |                |   |             |     |         |     |                 |    |      |     |      |     |          |   |      |     |      |     |  |
|  | 69                     | III (3) | 0       | 0   | 0      | 1   | 0              | 0 | III (1 + 0) | 0   | 0       | 0   | 0               | 0  | 0    | 0   | 0    | 0   | III (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   |          |   |      |     |      |     |  |
|  | 73                     |         | 0       | 0   | 0      | 3   | 0              | 0 | 0           | 0   | 1       | 0   | 0               | 0  | 0    | 0   | 0    | 0   |          |   |      |     |      |     |  |

Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION          | SUSPENDED PARTICULATES |     |       |     |              |               |       |       |       |              |               |       | SULFUR DIOXIDE |       |     | CARBON MONOXIDE |       |     | OXIDANTS |       |  |
|-------------------------------------|------------------------|-----|-------|-----|--------------|---------------|-------|-------|-------|--------------|---------------|-------|----------------|-------|-----|-----------------|-------|-----|----------|-------|--|
|                                     | YR                     | P # | R STA | PRI | ANNUAL # > # | 24-HOUR # > # | P STA | R STA | T (1) | ANNUAL # > # | 24-HOUR # > # | P STA | R STA          | T (2) | P # | R STA           | T (2) | P # | R STA    | T (2) |  |
| 049 JACKSONVILLE-BRUNSWICK (FLA-GA) |                        |     |       |     |              |               |       |       |       |              |               |       |                |       |     |                 |       |     |          |       |  |
| 69                                  | 10                     | 5   | 4     | 11  | 4            | 3             |       |       | 10    | 0            | 0             |       |                |       |     |                 |       |     |          |       |  |
| 70                                  | 11                     | 5   | 3     | 11  | 5            | 3             |       |       | 9     | 0            | 0             |       |                |       |     |                 |       |     |          |       |  |
| 71                                  | 10                     | 8   | 4     | 10  | 7            | 3             |       |       | 3     | 0            | 1             |       |                |       |     |                 |       |     |          |       |  |
| 72                                  | 2                      | 1   | 0     | 15  | 3            | 1             |       |       | 1     | 0            | 4             |       |                |       |     |                 |       |     |          |       |  |
| 73                                  | 2                      | 2   | 0     | 17  | 4            | 2             |       |       | 2     | 0            | 11            |       |                |       |     |                 |       |     |          |       |  |
| 050 SOUTHEAST FLORIDA               |                        |     |       |     |              |               |       |       |       |              |               |       |                |       |     |                 |       |     |          |       |  |
| 69                                  | 2                      | 2   | 0     | 3   | 0            | 0             |       |       | 1     | 0            | 1             |       |                |       |     |                 |       |     |          |       |  |
| 70                                  | 1                      | 1   | 0     | 1   | 0            | 0             |       |       | 1     | 0            | 1             |       |                |       |     |                 |       |     |          |       |  |
| 71                                  | 1                      | 1   | 0     | 1   | 0            | 0             |       |       | 1     | 0            | 1             |       |                |       |     |                 |       |     |          |       |  |
| 72                                  | 1                      | 1   | 0     | 6   | 0            | 0             |       |       | 0     | 0            | 2             |       |                |       |     |                 |       |     |          |       |  |
| 73                                  | 0                      | 0   | 0     | 30  | 4            | 1             |       |       | 1     | 0            | 1             |       |                |       |     |                 |       |     |          |       |  |
| 051 SOUTHWEST FLORIDA               |                        |     |       |     |              |               |       |       |       |              |               |       |                |       |     |                 |       |     |          |       |  |
| 69                                  | 0                      | 0   | 0     | 0   | 0            | 0             |       |       | 0     | 0            | 0             |       |                |       |     |                 |       |     |          |       |  |
| 70                                  | 0                      | 0   | 0     | 0   | 0            | 0             |       |       | 0     | 0            | 0             |       |                |       |     |                 |       |     |          |       |  |
| 71                                  | 0                      | 0   | 0     | 0   | 0            | 0             |       |       | 0     | 0            | 0             |       |                |       |     |                 |       |     |          |       |  |
| 72                                  | 0                      | 0   | 0     | 0   | 0            | 0             |       |       | 0     | 0            | 0             |       |                |       |     |                 |       |     |          |       |  |
| 73                                  | 0                      | 0   | 0     | 0   | 0            | 0             |       |       | 0     | 0            | 0             |       |                |       |     |                 |       |     |          |       |  |
| 052 WEST CENTRAL FLORIDA            |                        |     |       |     |              |               |       |       |       |              |               |       |                |       |     |                 |       |     |          |       |  |
| 69                                  | 4                      | 2   | 0     | 4   | 0            | 0             |       |       | 3     | 0            | 8             |       |                |       |     |                 |       |     |          |       |  |
| 70                                  | 3                      | 1   | 1     | 3   | 0            | 0             |       |       | 2     | 0            | 3             |       |                |       |     |                 |       |     |          |       |  |
| 71                                  | 2                      | 0   | 0     | 3   | 1            | 0             |       |       | 3     | 0            | 3             |       |                |       |     |                 |       |     |          |       |  |
| 72                                  | 3                      | 1   | 1     | 3   | 0            | 0             |       |       | 3     | 0            | 3             |       |                |       |     |                 |       |     |          |       |  |
| 73                                  | 0                      | 0   | 0     | 9   | 4            | 1             |       |       | 1     | 0            | 12            |       |                |       |     |                 |       |     |          |       |  |
| 053 AUGUSTA-AIKEN (GA-S.C.)         |                        |     |       |     |              |               |       |       |       |              |               |       |                |       |     |                 |       |     |          |       |  |
| 69                                  | 1                      | 1   | 1     | 2   | 1            | 0             |       |       | 0     | 0            | 0             |       |                |       |     |                 |       |     |          |       |  |
| 70                                  | 1                      | 1   | 1     | 2   | 1            | 0             |       |       | 0     | 0            | 0             |       |                |       |     |                 |       |     |          |       |  |
| 71                                  | 0                      | 0   | 0     | 2   | 0            | 0             |       |       | 0     | 0            | 0             |       |                |       |     |                 |       |     |          |       |  |
| 72                                  | 2                      | 0   | 0     | 7   | 0            | 0             |       |       | 1     | 0            | 6             |       |                |       |     |                 |       |     |          |       |  |
| 73                                  | 6                      | 0   | 0     | 7   | 0            | 0             |       |       | 6     | 0            | 6             |       |                |       |     |                 |       |     |          |       |  |
| 054 CENTRAL GEORGIA                 |                        |     |       |     |              |               |       |       |       |              |               |       |                |       |     |                 |       |     |          |       |  |
| 69                                  | 2                      | 1   | 1     | 2   | 1            | 0             |       |       | 0     | 0            | 0             |       |                |       |     |                 |       |     |          |       |  |
| 70                                  | 1                      | 1   | 0     | 2   | 1            | 0             |       |       | 0     | 0            | 0             |       |                |       |     |                 |       |     |          |       |  |
| 71                                  | 0                      | 0   | 0     | 0   | 0            | 0             |       |       | 0     | 0            | 0             |       |                |       |     |                 |       |     |          |       |  |
| 72                                  | 0                      | 0   | 0     | 5   | 1            | 0             |       |       | 0     | 0            | 2             |       |                |       |     |                 |       |     |          |       |  |
| 73                                  | 4                      | 2   | 0     | 5   | 1            | 0             |       |       | 2     | 0            | 2             |       |                |       |     |                 |       |     |          |       |  |

Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIP QUALITY CONTROL REGION      | YR     | SUSPENDED PARTICULATES |       |     |       |       |      | SULFUR DIOXIDE |               |           |      |        |           | CARBON MONOXIDE |      |      |      |      |      | OXIDANTS |           |           |     |     |     |    |    |   |   |     |     |   |   |   |   |   |   |   |   |
|---------------------------------|--------|------------------------|-------|-----|-------|-------|------|----------------|---------------|-----------|------|--------|-----------|-----------------|------|------|------|------|------|----------|-----------|-----------|-----|-----|-----|----|----|---|---|-----|-----|---|---|---|---|---|---|---|---|
|                                 |        | ANNUAL                 | 24-HR | SEC | 24-HR | 24-HR | 3-HR | ANNUAL         | 24-HR         | 24-HR     | 3-HR | ANNUAL | 1-HR      | 1-HR            | 8-HR | 1-HR | 1-HR | 8-HR | 1-HR | 1-HR     | 8-HR      |           |     |     |     |    |    |   |   |     |     |   |   |   |   |   |   |   |   |
| UG/CU.M:                        | P.P.M: | 11                     | 60    | 75  | 12    | 150   | 260  | 1              | 80            | 12        | 365  | 1300   | P         | R               | STA  | STD  | 10*  | 35   | 35   | 9        | 9         | 160       | 160 | 10* | 10* | 35 | 35 | 9 | 9 | 160 | 160 |   |   |   |   |   |   |   |   |
| 055 CHATTANOOGA (GA-TENN)       | 69     | 2                      | 2     | 2   | 7     | 5     | 3    | I ( 8 )        | I ( 3 + 1 )   | I ( 0 )   | 0    | 0      | I ( 0 )   | I ( 0 )         | 0    | 0    | 0    | 0    | 0    | 0        | I ( 0 )   | I ( 0 )   | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 |   |   |   |   |   |   |
|                                 | 70     | 2                      | 2     | 2   | 5     | 4     | 3    | I ( 8 )        | I ( 3 + 1 )   | I ( 0 )   | 0    | 0      | I ( 0 )   | I ( 0 )         | 0    | 0    | 0    | 0    | 0    | 0        | I ( 0 )   | I ( 0 )   | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 | 0 |   |   |   |   |   |
|                                 | 71     | 4                      | 2     | 2   | 9     | 5     | 2    | I ( 8 )        | I ( 3 + 1 )   | I ( 0 )   | 0    | 0      | I ( 0 )   | I ( 0 )         | 0    | 0    | 0    | 0    | 0    | 0        | I ( 0 )   | I ( 0 )   | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 |   |   |   |   |
|                                 | 72     | 7                      | 5     | 4   | 11    | 7     | 2    | I ( 8 )        | I ( 3 + 1 )   | I ( 0 )   | 0    | 0      | I ( 0 )   | I ( 0 )         | 0    | 0    | 0    | 0    | 0    | 0        | I ( 0 )   | I ( 0 )   | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0 |   |   |   |
|                                 | 73     | 2                      | 2     | 1   | 13    | 4     | 0    | I ( 8 )        | I ( 3 + 1 )   | I ( 0 )   | 0    | 0      | I ( 0 )   | I ( 0 )         | 0    | 0    | 0    | 0    | 0    | 0        | I ( 0 )   | I ( 0 )   | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0 |   |   |   |
| 056 METROPOLITAN ATLANTA (GA)   | 69     | 1                      | 1     | 1   | 1     | 0     | 0    | I ( 12 )       | I ( 9 + 4 )   | I ( 0 )   | 0    | 0      | I ( 0 )   | I ( 0 )         | 0    | 0    | 0    | 0    | 0    | 0        | I ( 0 )   | I ( 0 )   | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 |   |   |   |   |
|                                 | 70     | 1                      | 1     | 1   | 1     | 0     | 0    | I ( 12 )       | I ( 9 + 4 )   | I ( 0 )   | 0    | 0      | I ( 0 )   | I ( 0 )         | 0    | 0    | 0    | 0    | 0    | 0        | I ( 0 )   | I ( 0 )   | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0 |   |   |   |
|                                 | 71     | 1                      | 1     | 1   | 1     | 0     | 0    | I ( 12 )       | I ( 9 + 4 )   | I ( 0 )   | 0    | 0      | I ( 0 )   | I ( 0 )         | 0    | 0    | 0    | 0    | 0    | 0        | I ( 0 )   | I ( 0 )   | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
|                                 | 72     | 1                      | 1     | 1   | 1     | 0     | 0    | I ( 12 )       | I ( 9 + 4 )   | I ( 0 )   | 0    | 0      | I ( 0 )   | I ( 0 )         | 0    | 0    | 0    | 0    | 0    | 0        | I ( 0 )   | I ( 0 )   | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
| 057 NORTHEAST GEORGIA           | 69     | 3                      | 0     | 0   | 0     | 0     | 0    | III ( 3 )      | III ( 1 + 0 ) | III ( 0 ) | 0    | 0      | III ( 0 ) | III ( 0 )       | 0    | 0    | 0    | 0    | 0    | 0        | III ( 0 ) | III ( 0 ) | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0 |   |   |   |
|                                 | 70     | 0                      | 0     | 0   | 0     | 0     | 0    | III ( 3 )      | III ( 1 + 0 ) | III ( 0 ) | 0    | 0      | III ( 0 ) | III ( 0 )       | 0    | 0    | 0    | 0    | 0    | 0        | III ( 0 ) | III ( 0 ) | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
|                                 | 71     | 0                      | 0     | 0   | 0     | 0     | 0    | III ( 3 )      | III ( 1 + 0 ) | III ( 0 ) | 0    | 0      | III ( 0 ) | III ( 0 )       | 0    | 0    | 0    | 0    | 0    | 0        | III ( 0 ) | III ( 0 ) | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                                 | 72     | 0                      | 0     | 0   | 1     | 0     | 0    | III ( 3 )      | III ( 1 + 0 ) | III ( 0 ) | 0    | 0      | III ( 0 ) | III ( 0 )       | 0    | 0    | 0    | 0    | 0    | 0        | III ( 0 ) | III ( 0 ) | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 058 SAVANNAH-BEAUFORT (GA-S.C.) | 69     | 2                      | 2     | 2   | 2     | 2     | 2    | I ( 6 )        | I ( 4 + 2 )   | I ( 0 )   | 0    | 0      | I ( 0 )   | I ( 0 )         | 0    | 0    | 0    | 0    | 0    | 0        | III ( 0 ) | III ( 0 ) | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                                 | 70     | 2                      | 2     | 1   | 2     | 0     | 0    | I ( 6 )        | I ( 4 + 2 )   | I ( 0 )   | 0    | 0      | I ( 0 )   | I ( 0 )         | 0    | 0    | 0    | 0    | 0    | 0        | III ( 0 ) | III ( 0 ) | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                 | 71     | 2                      | 1     | 0   | 4     | 0     | 0    | I ( 6 )        | I ( 4 + 2 )   | I ( 0 )   | 0    | 0      | I ( 0 )   | I ( 0 )         | 0    | 0    | 0    | 0    | 0    | 0        | III ( 0 ) | III ( 0 ) | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                 | 72     | 4                      | 1     | 0   | 8     | 1     | 0    | I ( 6 )        | I ( 4 + 2 )   | I ( 0 )   | 0    | 0      | I ( 0 )   | I ( 0 )         | 0    | 0    | 0    | 0    | 0    | 0        | III ( 0 ) | III ( 0 ) | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 059 SOUTHWEST GEORGIA           | 69     | 1                      | 1     | 1   | 2     | 0     | 0    | III ( 3 )      | III ( 3 + 1 ) | III ( 0 ) | 0    | 0      | III ( 0 ) | III ( 0 )       | 0    | 0    | 0    | 0    | 0    | 0        | III ( 0 ) | III ( 0 ) | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                 | 70     | 0                      | 0     | 0   | 1     | 0     | 0    | III ( 3 )      | III ( 3 + 1 ) | III ( 0 ) | 0    | 0      | III ( 0 ) | III ( 0 )       | 0    | 0    | 0    | 0    | 0    | 0        | III ( 0 ) | III ( 0 ) | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                 | 71     | 0                      | 0     | 0   | 0     | 0     | 0    | III ( 3 )      | III ( 3 + 1 ) | III ( 0 ) | 0    | 0      | III ( 0 ) | III ( 0 )       | 0    | 0    | 0    | 0    | 0    | 0        | III ( 0 ) | III ( 0 ) | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                 | 72     | 0                      | 0     | 0   | 2     | 0     | 0    | III ( 3 )      | III ( 3 + 1 ) | III ( 0 ) | 0    | 0      | III ( 0 ) | III ( 0 )       | 0    | 0    | 0    | 0    | 0    | 0        | III ( 0 ) | III ( 0 ) | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 060 HAWAII                      | 69     | 1                      | 0     | 0   | 3     | 0     | 0    | III ( 3 )      | III ( 1 + 0 ) | III ( 0 ) | 0    | 0      | III ( 0 ) | III ( 0 )       | 0    | 0    | 0    | 0    | 0    | 0        | III ( 0 ) | III ( 0 ) | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                 | 70     | 1                      | 0     | 0   | 2     | 0     | 0    | III ( 3 )      | III ( 1 + 0 ) | III ( 0 ) | 0    | 0      | III ( 0 ) | III ( 0 )       | 0    | 0    | 0    | 0    | 0    | 0        | III ( 0 ) | III ( 0 ) | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                 | 71     | 2                      | 0     | 0   | 4     | 0     | 0    | III ( 3 )      | III ( 1 + 0 ) | III ( 0 ) | 0    | 0      | III ( 0 ) | III ( 0 )       | 0    | 0    | 0    | 0    | 0    | 0        | III ( 0 ) | III ( 0 ) | 0   | 0   | 0   | 0  | 0  | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                 | 72     | 11                     | 2     | 0   | 14    | 2     | 1    | III ( 3 )      | III ( 1 + 0 ) | III ( 0 ) | 6    | 0      | 12        | 0               | 3    | 1    | 0    | 1    | 0    | 1        | III ( 0 ) | III ( 0 ) | 1   | 0   | 1   | 0  | 1  | 0 | 1 | 0   | 1   | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |



Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION                          | SUSPENDED PARTICULATES |     |    |    |        |         |     |   |     |        | SULFUR DIOXIDE |     |      |    | CARBON MONOXIDE |      |     |    | OXIDANTS |      |   |     |      |      |   |     |     |     |     |     |
|---|------------------------|-----|----|----|--------|---------|-----|---|-----|--------|----------------|-----|------|----|-----------------|------|-----|----|----------|------|---|-----|------|------|---|-----|-----|-----|-----|-----|
|   | YR                     | P   | #  | #> | ANNUAL | 24-HOUR |     | P | #>  | ANNUAL | 24-HOUR        |     | P    | #> | 1-HR            | 8-HR | P   | #> | 1-HR     | 8-HR | P | #>  | 1-HR | 8-HR | P | #>  |     |     |     |     |
|   |                        |     |    |    |        | STA     | SEC |   |     |        | STA            | SEC |      |    |                 |      |     |    |          |      |   |     |      |      |   |     | STA | SEC | STA | SEC |
| UG/CU.M:  | T                      | (1) | 60 | 75 | (2)    | 150     | 260 | T | (1) | 80     | (2)            | 365 | 1300 | T  | (2)             | 40*  | 10* | T  | (2)      | 160  | Y | (2) | 35   | 9    | Y | (2) | 160 | Y   | (2) |     |
| -----   |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |
| 061 EASTERN IDAHO                                   |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |
| I ( 5 )   |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |
| 69  | 1                      | 0   | 0  | 0  | 3      | 2       | 1   | 0 | 0   | 0      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 70  | 1                      | 0   | 0  | 0  | 1      | 0       | 0   | 0 | 0   | 0      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 71  | 2                      | 1   | 1  | 8  | 6      | 1       | 1   | 0 | 0   | 0      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 72  | 3                      | 1   | 1  | 7  | 6      | 3       | 3   | 0 | 0   | 0      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 73  | 2                      | 1   | 1  | 6  | 5      | 4       | 4   | 0 | 0   | 0      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| IA( 3 + 1 )   |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |
| -----   |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |
| 062 EASTERN WASHINGTON-NORTHERN IDAHO (IDAHO-WASH.) |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |
| I ( 7 )   |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |
| 69  | 1                      | 1   | 0  | 1  | 1      | 1       | 0   | 0 | 0   | 0      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 70  | 1                      | 1   | 1  | 1  | 1      | 1       | 0   | 0 | 0   | 0      | 1              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 71  | 7                      | 7   | 5  | 22 | 19     | 4       | 4   | 0 | 0   | 2      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 72  | 13                     | 10  | 7  | 20 | 16     | 5       | 5   | 2 | 0   | 2      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 73  | 11                     | 7   | 5  | 17 | 13     | 6       | 6   | 1 | 0   | 5      | 2              | 2   | 2    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| IA( 3 + 1 )   |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |
| -----   |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |
| 063 IDAHO (REMAINDER)                               |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |
| I ( 5 )   |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |
| 69  | 1                      | 1   | 1  | 1  | 1      | 1       | 1   | 0 | 0   | 0      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 70  | 0                      | 0   | 0  | 0  | 0      | 0       | 0   | 0 | 0   | 0      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 71  | 1                      | 1   | 1  | 2  | 2      | 1       | 1   | 0 | 0   | 0      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 72  | 2                      | 1   | 1  | 3  | 3      | 1       | 1   | 0 | 0   | 0      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 73  | 0                      | 0   | 0  | 3  | 2      | 2       | 2   | 0 | 0   | 0      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| III( 1 + 0 )  |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |
| -----   |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |
| 064 METROPOLITAN BOISE (IDAHO)                      |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |
| III( 3 )  |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |
| 69  | 3                      | 3   | 3  | 4  | 4      | 4       | 1   | 0 | 0   | 0      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 70  | 1                      | 1   | 0  | 1  | 0      | 0       | 0   | 0 | 0   | 0      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 71  | 4                      | 4   | 3  | 5  | 4      | 1       | 1   | 0 | 0   | 0      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 72  | 6                      | 4   | 3  | 7  | 4      | 1       | 1   | 0 | 0   | 0      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 73  | 6                      | 4   | 4  | 7  | 7      | 4       | 4   | 0 | 0   | 0      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| III( 1 + 0 )  |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |
| -----   |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |
| 065 BURLINGTON-KEOKUK (ILL-IOWA)                    |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |
| I ( 8 )   |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |
| 69  | 1                      | 1   | 1  | 6  | 5      | 1       | 1   | 0 | 0   | 1      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 70  | 1                      | 1   | 1  | 1  | 1      | 1       | 1   | 0 | 0   | 1      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 71  | 1                      | 1   | 1  | 2  | 2      | 1       | 1   | 0 | 0   | 1      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 72  | 3                      | 3   | 2  | 3  | 1      | 1       | 1   | 1 | 0   | 1      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 73  | 1                      | 0   | 0  | 3  | 3      | 1       | 1   | 0 | 0   | 3      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| I ( 6 + 2 )   |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |
| -----   |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |
| 066 EAST CENTRAL ILLINOIS                           |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |
| III( 1 )  |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |
| 69  | 0                      | 0   | 0  | 2  | 2      | 0       | 0   | 0 | 0   | 0      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 70  | 0                      | 0   | 0  | 0  | 0      | 0       | 0   | 0 | 0   | 0      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 71  | 0                      | 0   | 0  | 0  | 0      | 0       | 0   | 0 | 0   | 0      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 72  | 0                      | 0   | 0  | 0  | 0      | 0       | 0   | 0 | 0   | 0      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| 73  | 0                      | 0   | 0  | 0  | 0      | 0       | 0   | 0 | 0   | 0      | 0              | 0   | 0    | 0  | 0               | 0    | 0   | 0  | 0        | 0    | 0 | 0   | 0    | 0    | 0 | 0   | 0   | 0   | 0   | 0   |
| III( 0 )  |                        |     |    |    |        |         |     |   |     |        |                |     |      |    |                 |      |     |    |          |      |   |     |      |      |   |     |     |     |     |     |



Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION                   | SUSPENDED PARTICULATES |    |         |     |        |     |         |     |      |    | SULFUR DIOXIDE |     |         |     |      | CARBON MONOXIDE |        |     |         |   | OXIDANTS |     |        |     |         |   |      |     |     |   |  |
|--|------------------------|----|---------|-----|--------|-----|---------|-----|------|----|----------------|-----|---------|-----|------|-----------------|--------|-----|---------|---|----------|-----|--------|-----|---------|---|------|-----|-----|---|--|
|  | ANNUAL                 |    | 24-HOUR |     | ANNUAL |     | 24-HOUR |     | 3-MO |    | ANNUAL         |     | 24-HOUR |     | 3-MO |                 | ANNUAL |     | 24-HOUR |   | 3-MO     |     | ANNUAL |     | 24-HOUR |   | 3-MO |     |     |   |  |
|  | YR                     | P  | R       | STA | SEC    | PRI | STA     | SEC | PPT  | P  | R              | STA | SEC     | PPT | P    | R               | STA    | SEC | PPT     | P | R        | STA | SEC    | PPT | P       | R | STA  | SEC | PPT |   |  |
| 073 ROCKFORD-JANESVILLE-BELOIT (ILL-WISC)    |                        |    |         |     |        |     |         |     |      |    |                |     |         |     |      |                 |        |     |         |   |          |     |        |     |         |   |      |     |     |   |  |
| 69   | 2                      | 2  | 2       | 5   | 2      | 0   | 1       | 0   | 0    | 1  | 0              | 0   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 70   | 0                      | 0  | 0       | 4   | 3      | 0   | 0       | 0   | 0    | 1  | 0              | 0   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 71   | 3                      | 2  | 1       | 4   | 2      | 1   | 0       | 0   | 0    | 0  | 0              | 0   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 72   | 0                      | 0  | 0       | 1   | 0      | 0   | 0       | 0   | 0    | 1  | 0              | 0   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 73   | 0                      | 0  | 0       | 4   | 0      | 0   | 1       | 0   | 0    | 2  | 0              | 0   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 074 SOUTHEAST ILLINOIS                       |                        |    |         |     |        |     |         |     |      |    |                |     |         |     |      |                 |        |     |         |   |          |     |        |     |         |   |      |     |     |   |  |
| 69   | 1                      | 1  | 1       | 3   | 1      | 0   | 0       | 0   | 0    | 0  | 0              | 0   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 70   | 0                      | 0  | 0       | 0   | 0      | 0   | 0       | 0   | 0    | 0  | 0              | 0   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 71   | 0                      | 0  | 0       | 0   | 0      | 0   | 0       | 0   | 0    | 0  | 0              | 0   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 72   | 0                      | 0  | 0       | 0   | 0      | 0   | 0       | 0   | 0    | 0  | 0              | 0   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 73   | 0                      | 0  | 0       | 0   | 0      | 0   | 0       | 0   | 0    | 0  | 0              | 0   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 075 WEST CENTRAL ILLINOIS                    |                        |    |         |     |        |     |         |     |      |    |                |     |         |     |      |                 |        |     |         |   |          |     |        |     |         |   |      |     |     |   |  |
| 69   | 1                      | 1  | 1       | 1   | 1      | 0   | 0       | 0   | 0    | 0  | 0              | 0   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 70   | 1                      | 1  | 1       | 1   | 1      | 0   | 0       | 0   | 0    | 0  | 0              | 0   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 71   | 1                      | 1  | 1       | 1   | 1      | 0   | 0       | 0   | 0    | 0  | 0              | 0   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 72   | 1                      | 1  | 1       | 1   | 1      | 0   | 0       | 0   | 0    | 0  | 0              | 0   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 73   | 0                      | 0  | 0       | 0   | 0      | 0   | 0       | 0   | 0    | 0  | 0              | 0   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 076 EAST CENTRAL INDIANA                     |                        |    |         |     |        |     |         |     |      |    |                |     |         |     |      |                 |        |     |         |   |          |     |        |     |         |   |      |     |     |   |  |
| 69   | 3                      | 3  | 3       | 4   | 3      | 2   | 1       | 0   | 0    | 0  | 0              | 0   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 70   | 1                      | 0  | 0       | 4   | 1      | 0   | 0       | 0   | 0    | 0  | 0              | 0   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 71   | 0                      | 0  | 0       | 1   | 0      | 0   | 0       | 0   | 0    | 0  | 0              | 0   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 72   | 3                      | 2  | 1       | 4   | 1      | 0   | 0       | 0   | 0    | 0  | 0              | 0   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 73   | 1                      | 1  | 0       | 7   | 0      | 0   | 0       | 0   | 0    | 5  | 0              | 0   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 077 EVANSVILLE-OWENS BORO-HENDERSON (IND-KY) |                        |    |         |     |        |     |         |     |      |    |                |     |         |     |      |                 |        |     |         |   |          |     |        |     |         |   |      |     |     |   |  |
| 69   | 4                      | 3  | 3       | 4   | 3      | 2   | 1       | 0   | 0    | 15 | 0              | 4   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 70   | 2                      | 2  | 1       | 6   | 2      | 0   | 1       | 0   | 0    | 1  | 0              | 0   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 71   | 9                      | 9  | 6       | 12  | 7      | 2   | 3       | 0   | 0    | 10 | 0              | 1   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 72   | 19                     | 16 | 9       | 26  | 8      | 0   | 11      | 0   | 13   | 1  | 0              | 1   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 73   | 17                     | 13 | 7       | 23  | 11     | 1   | 12      | 0   | 23   | 0  | 0              | 1   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 078 LOUISVILLE (IND-KY)                      |                        |    |         |     |        |     |         |     |      |    |                |     |         |     |      |                 |        |     |         |   |          |     |        |     |         |   |      |     |     |   |  |
| 69   | 4                      | 4  | 4       | 4   | 3      | 0   | 2       | 0   | 2    | 0  | 0              | 0   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 70   | 1                      | 1  | 1       | 4   | 3      | 1   | 1       | 0   | 2    | 0  | 0              | 0   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 71   | 12                     | 11 | 10      | 16  | 11     | 0   | 1       | 7   | 6    | 0  | 0              | 2   | 0       | 0   | 0    | 0               | 0      | 0   | 0       | 0 | 0        | 0   | 0      | 0   | 0       | 0 | 0    | 0   | 0   | 0 |  |
| 72   | 10                     | 8  | 7       | 21  | 10     | 1   | 2       | 0   | 22   | 0  | 1              | 2   | 0       | 1   | 2    | 0               | 1      | 2   | 0       | 1 | 2        | 0   | 1      | 2   | 0       | 1 | 2    | 0   | 1   | 2 |  |
| 73   | 10                     | 8  | 6       | 21  | 12     | 3   | 13      | 0   | 25   | 0  | 0              | 4   | 0       | 4   | 0    | 0               | 4      | 0   | 4       | 0 | 4        | 0   | 4      | 0   | 4       | 0 | 4    | 0   | 4   | 0 |  |

Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION                        | SUSPENDED PARTICULATES |     |    |     | SULFUR DIOXIDE |         |        |              | CARBON MONOXIDE |        |     |     | OXIDANTS |        |        |          |     |     |     |     |
|---|------------------------|-----|----|-----|----------------|---------|--------|--------------|-----------------|--------|-----|-----|----------|--------|--------|----------|-----|-----|-----|-----|
|   | YR                     | P   | R  | STA | ANNUAL         | 24-HOUR | ANNUAL | 24-HOUR      | ANNUAL          | 3-HOUR | P   | R   | STA      | ANNUAL | 8-HOUR | P        | R   | STA |     |     |
| UG/CU.M:  | T                      | (1) | 60 | 75  | (2)            | 150     | 260    | T            | (1)             | 80     | (2) | 365 | 1300     | T      | (2)    | 40*      | 10* | T   | (2) | 160 |
| P.P.M.:   | Y                      | -   | -  | -   | -              | -       | -      | Y            | .03             | .14    | .50 | Y   | 35       | 9      | Y      | .08      | Y   | .08 |     |     |
| 079 METROPOLITAN CINCINNATI (IND-KY-OHIO)         |                        |     |    |     |                |         |        |              |                 |        |     |     |          |        |        |          |     |     |     |     |
|   | I (12)                 | 6   | 6  | 5   | 8              | 6       | 1      | II ( 3 + 1)  | 4               | 0      | 6   | 0   | 0        | 0      | 0      | I ( 3)   | 2   | 0   | 0   | 0   |
| 69  |                        | 11  | 11 | 9   | 17             | 9       | 3      |              | 3               | 0      | 4   | 0   | 0        | 0      | 0      |          | 1   | 0   | 0   | 0   |
| 70  |                        | 20  | 17 | 13  | 40             | 16      | 3      |              | 4               | 0      | 9   | 0   | 0        | 0      | 0      |          | 1   | 0   | 0   | 0   |
| 71  |                        | 44  | 39 | 24  | 48             | 19      | 2      |              | 8               | 0      | 24  | 0   | 0        | 0      | 0      |          | 0   | 0   | 0   | 0   |
| 72  |                        | 31  | 19 | 5   | 55             | 14      | 2      |              | 16              | 0      | 32  | 0   | 0        | 0      | 0      |          | 0   | 0   | 0   | 0   |
| 73  |                        |     |    |     |                |         |        |              |                 |        |     |     |          |        |        |          |     |     |     |     |
|   | I (10)                 | 2   | 2  | 2   | 9              | 18      | 16     | I ( 8 + 3)   | 1               | 0      | 1   | 0   | 0        | 0      | 0      | I ( 3)   | 0   | 0   | 0   | 0   |
| 69  |                        | 16  | 14 | 9   | 16             | 12      | 1      |              | 1               | 0      | 1   | 0   | 0        | 0      | 0      |          | 0   | 0   | 0   | 0   |
| 70  |                        | 6   | 2  | 1   | 27             | 13      | 1      |              | 4               | 0      | 22  | 1   | 1        | 0      | 0      |          | 0   | 0   | 0   | 0   |
| 71  |                        | 1   | 1  | 0   | 17             | 9       | 0      |              | 1               | 0      | 13  | 0   | 0        | 0      | 0      |          | 1   | 0   | 0   | 0   |
| 72  |                        |     |    |     |                |         |        |              |                 |        |     |     |          |        |        |          |     |     |     |     |
| 73  |                        |     |    |     |                |         |        |              |                 |        |     |     |          |        |        |          |     |     |     |     |
|   | II ( 3)                | 2   | 2  | 2   | 2              | 2       | 2      | III ( 1 + 0) | 0               | 0      | 0   | 0   | 0        | 0      | 0      | III ( 0) | 0   | 0   | 0   | 0   |
| 69  |                        | 1   | 1  | 1   | 1              | 1       | 1      |              | 0               | 0      | 1   | 0   | 0        | 0      | 0      |          | 0   | 0   | 0   | 0   |
| 70  |                        | 0   | 0  | 0   | 2              | 0       | 0      |              | 0               | 0      | 1   | 0   | 0        | 0      | 0      |          | 0   | 0   | 0   | 0   |
| 71  |                        | 1   | 1  | 1   | 2              | 0       | 0      |              | 1               | 0      | 1   | 0   | 0        | 0      | 0      |          | 0   | 0   | 0   | 0   |
| 72  |                        | 0   | 0  | 0   | 2              | 0       | 0      |              | 1               | 0      | 1   | 0   | 0        | 0      | 0      |          | 0   | 0   | 0   | 0   |
| 73  |                        |     |    |     |                |         |        |              | 0               | 0      | 1   | 0   | 0        | 0      | 0      |          | 0   | 0   | 0   | 0   |
|   | I ( 9)                 | 2   | 2  | 2   | 2              | 1       | 0      | IA ( 3 + 1)  | 0               | 0      | 1   | 0   | 0        | 0      | 0      | III ( 0) | 0   | 0   | 0   | 0   |
| 69  |                        | 3   | 2  | 2   | 5              | 2       | 0      |              | 1               | 0      | 1   | 0   | 0        | 0      | 0      |          | 0   | 0   | 0   | 0   |
| 70  |                        | 1   | 1  | 0   | 18             | 1       | 0      |              | 0               | 0      | 0   | 0   | 0        | 0      | 0      |          | 0   | 0   | 0   | 0   |
| 71  |                        | 14  | 4  | 2   | 23             | 7       | 0      |              | 5               | 0      | 5   | 0   | 0        | 0      | 0      |          | 0   | 0   | 0   | 0   |
| 72  |                        | 12  | 5  | 2   | 18             | 4       | 0      |              | 1               | 0      | 5   | 0   | 0        | 0      | 0      |          | 0   | 0   | 0   | 0   |
| 73  |                        |     |    |     |                |         |        |              |                 |        |     |     |          |        |        |          |     |     |     |     |
|   | IA ( 3)                | 1   | 0  | 0   | 1              | 0       | 0      | IA ( 3 + 1)  | 1               | 0      | 1   | 0   | 0        | 0      | 0      | III ( 0) | 0   | 0   | 0   | 0   |
| 69  |                        | 1   | 0  | 0   | 2              | 1       | 0      |              | 1               | 0      | 1   | 0   | 0        | 0      | 0      |          | 0   | 0   | 0   | 0   |
| 70  |                        | 1   | 0  | 0   | 2              | 1       | 0      |              | 1               | 0      | 1   | 0   | 0        | 0      | 0      |          | 0   | 0   | 0   | 0   |
| 71  |                        | 1   | 0  | 0   | 4              | 0       | 0      |              | 0               | 0      | 1   | 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   | 0   |
| 73  |                        | 1   | 0  | 0   | 4              | 1       | 0      |              | 0               | 0      | 4   | 0   | 0        | 0      | 0      |          | 0   | 0   | 0   | 0   |
|   | I ( 9)                 | 4   | 2  | 2   | 4              | 2       | 0      | I ( 7 + 2)   | 0               | 0      | 0   | 0   | 0        | 0      | 0      | III ( 0) | 0   | 0   | 0   | 0   |
| 69  |                        | 8   | 6  | 5   | 13             | 6       | 3      |              | 0               | 0      | 0   | 0   | 0        | 0      | 0      |          | 0   | 0   | 0   | 0   |
| 70  |                        | 1   | 0  | 0   | 12             | 9       | 0      |              | 0               | 0      | 0   | 0   | 0        | 0      | 0      |          | 0   | 0   | 0   | 0   |
| 71  |                        | 12  | 6  | 3   | 18             | 10      | 0      |              | 0               | 0      | 0   | 0   | 0        | 0      | 0      |          | 0   | 0   | 0   | 0   |
| 72  |                        | 1   | 1  | 0   | 6              | 0       | 0      |              | 0               | 0      | 5   | 0   | 0        | 0      | 0      |          | 0   | 0   | 0   | 0   |
| 73  |                        |     |    |     |                |         |        |              |                 |        |     |     |          |        |        |          |     |     |     |     |
|   | I ( 9)                 | 1   | 1  | 0   | 6              | 0       | 0      |              | 0               | 0      | 5   | 0   | 0        | 0      | 0      |          | 0   | 0   | 0   | 0   |
| 69  |                        |     |    |     |                |         |        |              |                 |        |     |     |          |        |        |          |     |     |     |     |
| 70  |                        |     |    |     |                |         |        |              |                 |        |     |     |          |        |        |          |     |     |     |     |
| 71  |                        |     |    |     |                |         |        |              |                 |        |     |     |          |        |        |          |     |     |     |     |
| 72  |                        |     |    |     |                |         |        |              |                 |        |     |     |          |        |        |          |     |     |     |     |
| 73  |                        |     |    |     |                |         |        |              |                 |        |     |     |          |        |        |          |     |     |     |     |
| 080 METROPOLITAN INDIANAPOLIS (IND)               |                        |     |    |     |                |         |        |              |                 |        |     |     |          |        |        |          |     |     |     |     |
| 081 NORTHEAST INDIANA                             |                        |     |    |     |                |         |        |              |                 |        |     |     |          |        |        |          |     |     |     |     |
| 082 SOUTH BEND-ELKHART-BENTON HARBOR (IND.-MICH.) |                        |     |    |     |                |         |        |              |                 |        |     |     |          |        |        |          |     |     |     |     |
| 083 SOUTHERN INDIANA                              |                        |     |    |     |                |         |        |              |                 |        |     |     |          |        |        |          |     |     |     |     |
| 084 WABASH VALLEY (IND)                           |                        |     |    |     |                |         |        |              |                 |        |     |     |          |        |        |          |     |     |     |     |

Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION                        | SUSPENDED PARTICULATES |               |    |     | SULFUR DIOXIDE |         |         |        | CARRON MONOXIDE |      |     |     | OXIDANTS |      |      |      |   |     |     |     |   |     |     |   |   |
|---|------------------------|---------------|----|-----|----------------|---------|---------|--------|-----------------|------|-----|-----|----------|------|------|------|---|-----|-----|-----|---|-----|-----|---|---|
|   | YR                     | P             | R  | STA | ANNUAL         | 24-HOUR | 24-HOUR | ANNUAL | 3-HR            | P    | R   | STA | 1-HR     | 8-HR | 1-HR | P    | R | STA |     |     |   |     |     |   |   |
| UG/CU.M:  | T                      | (1)           | 60 | 75  | (2)            | 150     | 260     | PRI    | STD             | 1300 | T   | (1) | 80       | (2)  | 365  | 1300 | T | (2) | 40* | 10* | T | (2) | 160 |   |   |
| P.P.M:  | Y                      | -             | -  | -   | -              | -       | -       | Y      | .03             | -14  | -50 | Y   | 35       | 9    | 35   | 9    | Y | 9   | 35  | 9   | Y | 9   | 35  |   |   |
| -----   |                        |               |    |     |                |         |         |        |                 |      |     |     |          |      |      |      |   |     |     |     |   |     |     |   |   |
| 085 METROPOLITAN OMAHA-COUNCIL BLUFFS (IOWA-NEB.) |                        |               |    |     |                |         |         |        |                 |      |     |     |          |      |      |      |   |     |     |     |   |     |     |   |   |
|   | I ( 7 )                | III ( 3 + 1 ) |    |     |                |         |         |        |                 |      |     |     |          |      |      |      |   |     |     |     |   |     |     |   |   |
| 69  | 1                      | 1             | 1  | 1   | 1              | 1       | 1       | 1      | 1               | 0    | 0   | 1   | 0        | 0    | 0    | 0    | 0 | 0   | 0   | 0   | 0 | 0   | 0   | 0 | 0 |
| 70  | 1                      | 1             | 1  | 3   | 3              | 1       | 1       | 0      | 0               | 1    | 0   | 0   | 0        | 0    | 0    | 0    | 0 | 0   | 0   | 0   | 0 | 0   | 0   | 0 | 0 |
| 71  | 2                      | 2             | 2  | 14  | 7              | 1       | 1       | 0      | 0               | 1    | 0   | 0   | 0        | 0    | 0    | 0    | 0 | 0   | 0   | 0   | 0 | 0   | 0   | 0 | 0 |
| 72  | 11                     | 9             | 5  | 13  | 6              | 1       | 1       | 0      | 0               | 1    | 0   | 1   | 0        | 0    | 0    | 0    | 1 | 0   | 1   | 0   | 1 | 1   | 1   | 1 | 1 |
| 73  | 7                      | 4             | 2  | 15  | 8              | 1       | 1       | 0      | 0               | 3    | 0   | 0   | 0        | 0    | 0    | 1    | 0 | 1   | 0   | 1   | 0 | 0   | 0   | 0 | 0 |
| -----   |                        |               |    |     |                |         |         |        |                 |      |     |     |          |      |      |      |   |     |     |     |   |     |     |   |   |
| 086 METROPOLITAN SIOUX CITY (IOWA-NEB-S.D.)       |                        |               |    |     |                |         |         |        |                 |      |     |     |          |      |      |      |   |     |     |     |   |     |     |   |   |
|   | IIII ( 1 )             | III ( 1 + 0 ) |    |     |                |         |         |        |                 |      |     |     |          |      |      |      |   |     |     |     |   |     |     |   |   |
| 69  | 0                      | 0             | 0  | 0   | 0              | 0       | 0       | 0      | 0               | 0    | 0   | 0   | 0        | 0    | 0    | 0    | 0 | 0   | 0   | 0   | 0 | 0   | 0   | 0 | 0 |
| 70  | 0                      | 0             | 0  | 1   | 0              | 0       | 0       | 0      | 0               | 0    | 0   | 0   | 0        | 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    | 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    | 0 | 0   | 0   | 0   | 0 | 0   | 0   | 0 | 0 |
| 73  | 2                      | 1             | 1  | 2   | 2              | 0       | 0       | 0      | 0               | 1    | 0   | 0   | 0        | 0    | 0    | 0    | 0 | 0   | 0   | 0   | 0 | 0   | 0   | 0 | 0 |
| -----   |                        |               |    |     |                |         |         |        |                 |      |     |     |          |      |      |      |   |     |     |     |   |     |     |   |   |
| 087 METROPOLITAN SIOUX FALLS (IOWA-S.D.)          |                        |               |    |     |                |         |         |        |                 |      |     |     |          |      |      |      |   |     |     |     |   |     |     |   |   |
|   | III ( 3 )              | III ( 1 + 0 ) |    |     |                |         |         |        |                 |      |     |     |          |      |      |      |   |     |     |     |   |     |     |   |   |
| 69  | 0                      | 0             | 0  | 0   | 0              | 0       | 0       | 0      | 0               | 0    | 0   | 0   | 0        | 0    | 0    | 0    | 0 | 0   | 0   | 0   | 0 | 0   | 0   | 0 | 0 |
| 70  | 0                      | 0             | 0  | 1   | 0              | 0       | 0       | 0      | 0               | 0    | 0   | 0   | 0        | 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    | 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    | 0 | 0   | 0   | 0   | 0 | 0   | 0   | 0 | 0 |
| 73  | 2                      | 1             | 1  | 4   | 2              | 0       | 0       | 0      | 0               | 1    | 0   | 0   | 0        | 0    | 0    | 0    | 0 | 0   | 0   | 0   | 0 | 0   | 0   | 0 | 0 |
| -----   |                        |               |    |     |                |         |         |        |                 |      |     |     |          |      |      |      |   |     |     |     |   |     |     |   |   |
| 088 NORTHEAST IOWA                                |                        |               |    |     |                |         |         |        |                 |      |     |     |          |      |      |      |   |     |     |     |   |     |     |   |   |
|   | I ( 7 )                | III ( 1 + 0 ) |    |     |                |         |         |        |                 |      |     |     |          |      |      |      |   |     |     |     |   |     |     |   |   |
| 69  | 0                      | 0             | 0  | 1   | 1              | 1       | 1       | 1      | 0               | 0    | 0   | 0   | 0        | 0    | 0    | 0    | 0 | 0   | 0   | 0   | 0 | 0   | 0   | 0 | 0 |
| 70  | 1                      | 1             | 1  | 2   | 2              | 0       | 0       | 0      | 0               | 0    | 0   | 0   | 0        | 0    | 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    | 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    | 0 | 0   | 0   | 0   | 0 | 0   | 0   | 0 | 0 |
| 73  | 4                      | 3             | 3  | 9   | 7              | 2       | 0       | 0      | 0               | 1    | 0   | 0   | 0        | 0    | 0    | 0    | 0 | 0   | 0   | 0   | 0 | 0   | 0   | 0 | 0 |
| -----   |                        |               |    |     |                |         |         |        |                 |      |     |     |          |      |      |      |   |     |     |     |   |     |     |   |   |
| 089 NORTH CENTRAL IOWA                            |                        |               |    |     |                |         |         |        |                 |      |     |     |          |      |      |      |   |     |     |     |   |     |     |   |   |
|   | IA ( 3 )               | III ( 1 + 0 ) |    |     |                |         |         |        |                 |      |     |     |          |      |      |      |   |     |     |     |   |     |     |   |   |
| 69  | 0                      | 0             | 0  | 0   | 0              | 0       | 0       | 0      | 0               | 0    | 0   | 0   | 0        | 0    | 0    | 0    | 0 | 0   | 0   | 0   | 0 | 0   | 0   | 0 | 0 |
| 70  | 0                      | 0             | 0  | 1   | 1              | 0       | 0       | 0      | 0               | 0    | 0   | 0   | 0        | 0    | 0    | 0    | 0 | 0   | 0   | 0   | 0 | 0   | 0   | 0 | 0 |
| 71  | 1                      | 1             | 1  | 1   | 1              | 1       | 1       | 0      | 0               | 0    | 0   | 0   | 0        | 0    | 0    | 0    | 0 | 0   | 0   | 0   | 0 | 0   | 0   | 0 | 0 |
| 72  | 1                      | 1             | 1  | 3   | 1              | 1       | 1       | 0      | 0               | 0    | 0   | 0   | 0        | 0    | 0    | 0    | 0 | 0   | 0   | 0   | 0 | 0   | 0   | 0 | 0 |
| 73  | 3                      | 1             | 1  | 4   | 3              | 1       | 0       | 0      | 0               | 1    | 0   | 0   | 0        | 0    | 0    | 0    | 0 | 0   | 0   | 0   | 0 | 0   | 0   | 0 | 0 |
| -----   |                        |               |    |     |                |         |         |        |                 |      |     |     |          |      |      |      |   |     |     |     |   |     |     |   |   |
| 090 NORTHWEST IOWA                                |                        |               |    |     |                |         |         |        |                 |      |     |     |          |      |      |      |   |     |     |     |   |     |     |   |   |
|   | III ( 1 )              | III ( 1 + 0 ) |    |     |                |         |         |        |                 |      |     |     |          |      |      |      |   |     |     |     |   |     |     |   |   |
| 69  | 0                      | 0             | 0  | 0   | 0              | 0       | 0       | 0      | 0               | 0    | 0   | 0   | 0        | 0    | 0    | 0    | 0 | 0   | 0   | 0   | 0 | 0   | 0   | 0 | 0 |
| 70  | 0                      | 0             | 0  | 0   | 0              | 0       | 0       | 0      | 0               | 0    | 0   | 0   | 0        | 0    | 0    | 0    | 0 | 0   | 0   | 0   | 0 | 0   | 0   | 0 | 0 |
| 71  | 0                      | 0             | 0  | 0   | 0              | 0       | 0       | 0      | 0               | 0    | 0   | 0   | 0        | 0    | 0    | 0    | 0 | 0   | 0   | 0   | 0 | 0   | 0   | 0 | 0 |
| 72  | 0                      | 0             | 0  | 0   | 0              | 0       | 0       | 0      | 0               | 0    | 0   | 0   | 0        | 0    | 0    | 0    | 0 | 0   | 0   | 0   | 0 | 0   | 0   | 0 | 0 |
| 73  | 1                      | 1             | 0  | 2   | 2              | 0       | 0       | 0      | 0               | 1    | 0   | 0   | 0        | 0    | 0    | 0    | 0 | 0   | 0   | 0   | 0 | 0   | 0   | 0 | 0 |

Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION            | SUSPENDED PARTICULATES |    |       |    |        |   |       |   |        |   | SULFUR DIOXIDE |   |        |   |       | CARRON METHYLIDE |        |   |       |   | OXIDANTS |   |       |   |  |
|---------------------------------------|------------------------|----|-------|----|--------|---|-------|---|--------|---|----------------|---|--------|---|-------|------------------|--------|---|-------|---|----------|---|-------|---|--|
|                                       | ANNUAL                 |    | 24-HR |    | ANNUAL |   | 24-HR |   | ANNUAL |   | 24-HR          |   | ANNUAL |   | 24-HR |                  | ANNUAL |   | 24-HR |   | ANNUAL   |   | 24-HR |   |  |
|                                       | YR                     | #  | YR    | #  | YR     | # | YR    | # | YR     | # | YR             | # | YR     | # | YR    | #                | YR     | # | YR    | # | YR       | # | YR    | # |  |
| 091 SOUTHEAST IOWA                    | 69                     | 0  | 0     | 0  | 0      | 0 | 0     | 0 | 0      | 0 | 0              | 0 | 0      | 0 | 0     | 0                | 0      | 0 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 70                                    | 0                      | 0  | 0     | 0  | 0      | 0 | 0     | 0 | 0      | 0 | 0              | 0 | 0      | 0 | 0     | 0                | 0      | 0 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 71                                    | 0                      | 0  | 0     | 0  | 0      | 0 | 0     | 0 | 0      | 0 | 0              | 0 | 0      | 0 | 0     | 0                | 0      | 0 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 72                                    | 0                      | 0  | 0     | 0  | 0      | 0 | 0     | 0 | 0      | 0 | 0              | 0 | 0      | 0 | 0     | 0                | 0      | 0 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 73                                    | 1                      | 0  | 0     | 1  | 0      | 0 | 0     | 0 | 0      | 0 | 0              | 0 | 0      | 0 | 0     | 0                | 0      | 0 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 092 SOUTH CENTRAL IOWA                | 69                     | 2  | 2     | 5  | 4      | 0 | 0     | 1 | 0      | 0 | 0              | 0 | 0      | 0 | 0     | 0                | 0      | 0 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 70                                    | 1                      | 1  | 1     | 1  | 0      | 0 | 0     | 1 | 0      | 0 | 0              | 0 | 0      | 0 | 0     | 0                | 0      | 0 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 71                                    | 2                      | 1  | 1     | 2  | 1      | 1 | 0     | 1 | 0      | 0 | 0              | 0 | 0      | 0 | 0     | 0                | 0      | 0 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 72                                    | 1                      | 1  | 3     | 2  | 0      | 1 | 0     | 1 | 0      | 0 | 0              | 0 | 0      | 0 | 0     | 0                | 0      | 0 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 73                                    | 8                      | 7  | 2     | 14 | 13     | 4 | 0     | 0 | 7      | 0 | 0              | 1 | 0      | 1 | 0     | 1                | 0      | 1 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 093 SOUTHWEST IOWA                    | 69                     | 0  | 0     | 0  | 0      | 0 | 0     | 0 | 0      | 0 | 0              | 0 | 0      | 0 | 0     | 0                | 0      | 0 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 70                                    | 0                      | 0  | 0     | 0  | 0      | 0 | 0     | 0 | 0      | 0 | 0              | 0 | 0      | 0 | 0     | 0                | 0      | 0 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 71                                    | 0                      | 0  | 0     | 1  | 0      | 0 | 0     | 0 | 0      | 0 | 0              | 0 | 0      | 0 | 0     | 0                | 0      | 0 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 72                                    | 1                      | 1  | 2     | 1  | 1      | 1 | 0     | 0 | 0      | 0 | 0              | 0 | 0      | 0 | 0     | 0                | 0      | 0 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 73                                    | 2                      | 1  | 0     | 2  | 2      | 0 | 0     | 0 | 2      | 0 | 0              | 0 | 0      | 0 | 0     | 0                | 0      | 0 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 094 METROPOLITAN KANSAS CITY (KAN-MO) | 69                     | 4  | 4     | 4  | 4      | 2 | 1     | 0 | 1      | 0 | 0              | 0 | 0      | 0 | 0     | 0                | 0      | 0 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 70                                    | 3                      | 3  | 3     | 3  | 1      | 1 | 0     | 3 | 0      | 0 | 0              | 0 | 0      | 0 | 0     | 0                | 0      | 0 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 71                                    | 7                      | 6  | 5     | 13 | 8      | 1 | 4     | 0 | 8      | 0 | 0              | 0 | 0      | 0 | 0     | 0                | 0      | 0 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 72                                    | 26                     | 22 | 13    | 33 | 20     | 1 | 5     | 0 | 9      | 0 | 0              | 1 | 0      | 1 | 0     | 1                | 0      | 1 | 0     | 1 | 0        | 1 | 0     | 1 |  |
| 73                                    | 6                      | 4  | 2     | 27 | 17     | 2 | 3     | 0 | 15     | 0 | 0              | 5 | 0      | 1 | 0     | 5                | 0      | 1 | 0     | 4 | 1        | 0 | 4     | 1 |  |
| 095 NORTHEAST KANSAS                  | 69                     | 1  | 0     | 0  | 4      | 3 | 1     | 0 | 1      | 0 | 0              | 0 | 0      | 0 | 0     | 0                | 0      | 0 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 70                                    | 2                      | 2  | 1     | 5  | 3      | 1 | 0     | 0 | 1      | 0 | 0              | 0 | 0      | 0 | 0     | 0                | 0      | 0 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 71                                    | 5                      | 4  | 3     | 6  | 5      | 2 | 0     | 0 | 2      | 0 | 0              | 0 | 0      | 0 | 0     | 0                | 0      | 0 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 72                                    | 5                      | 4  | 2     | 9  | 3      | 0 | 2     | 0 | 8      | 0 | 0              | 1 | 0      | 1 | 0     | 1                | 0      | 1 | 0     | 1 | 0        | 0 | 0     | 0 |  |
| 73                                    | 7                      | 3  | 1     | 10 | 3      | 1 | 7     | 0 | 10     | 0 | 0              | 1 | 0      | 1 | 0     | 1                | 0      | 1 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 096 NORTH CENTRAL KANSAS              | 69                     | 0  | 0     | 0  | 4      | 1 | 0     | 0 | 0      | 0 | 0              | 0 | 0      | 0 | 0     | 0                | 0      | 0 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 70                                    | 4                      | 3  | 2     | 4  | 3      | 1 | 0     | 0 | 0      | 0 | 0              | 0 | 0      | 0 | 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                | 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                | 0      | 0 | 0     | 0 | 0        | 0 | 0     | 0 |  |
| 73                                    | 3                      | 1  | 0     | 6  | 1      | 1 | 1     | 0 | 3      | 0 | 0              | 1 | 0      | 1 | 0     | 1                | 0      | 1 | 0     | 0 | 0        | 0 | 0     | 0 |  |

Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AQCR<br>QUALITY CONTROL<br>REGION | SUSPENDED PARTICULATES |     |     |     |     |     |     |     |     |           | SULFUR DIOXIDE    |     |     |     |      |         |     | CARBON MONOXIDE |     |         |     | OXIDANTS |     |     |     |   |     |     |     |     |     |     |
|-----------------------------------|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----------|-------------------|-----|-----|-----|------|---------|-----|-----------------|-----|---------|-----|----------|-----|-----|-----|---|-----|-----|-----|-----|-----|-----|
|                                   | ANNUAL 24-HOUR         |     |     |     |     |     |     |     |     |           | ANNUAL 24-HR 3-HR |     |     |     |      |         |     | 1-HR 8-HR       |     |         |     | 1-HR     |     |     |     |   |     |     |     |     |     |     |
|                                   | YR                     | P   | #   | #   | #   | #   | #   | #   | #   | #         | P                 | #   | #   | #   | R    | #       | #   | #               | Q   | #       | P   | #        | #   | #   | R   | # | #   | #   | Q   | #   |     |     |
|                                   | STA                    | SEC | PRI | STA | SEC | PRI | STA | SEC | STD | STD       | R                 | STA | SEC | STD | R    | STA     | SEC | STD             | Q   | STA     | STD | R        | STA | SEC | STD | Q | STA | STD | Q   | STA | STD |     |
| U.S./C.U.M.<br>P.M.:M.            | T                      | (1) | 60  | 75  | (2) | 150 | 260 | -   | -   | T         | (1)               | 80  | (2) | 355 | 1300 | T       | (2) | 60*             | 10* | T       | (2) | 160      | T   | (2) | 35  | 9 | T   | (2) | 160 | T   | (2) | 160 |
|                                   | Y                      | -   | -   | -   | -   | -   | -   | -   | -   | Y         | -.03              | .14 | .50 |     |      | Y       |     |                 |     | Y       |     | .08      | Y   |     |     |   | Y   |     |     | Y   |     |     |
| 097 NORTHWEST KANSAS              | I (5)                  |     |     |     |     |     |     |     |     | III (1+0) |                   |     |     |     |      | III (0) |     |                 |     | III (0) |     |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 69                     | 0   | 0   | 0   | 2   | 1   | 0   |     |     |           |                   |     |     |     |      |         |     |                 |     |         |     |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 70                     | 3   | 2   | 1   | 3   | 3   | 1   | 0   | 0   | 0         | 0                 | 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   | 0               | 0   | 0       | 0   |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 72                     | 4   | 3   | 2   | 5   | 3   | 0   | 0   | 2   | 0         | 0                 | 0   | 0   | 0   | 0    | 0       | 0   | 0               | 0   | 0       | 0   |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 73                     | 2   | 1   | 0   | 5   | 2   | 1   | 2   | 0   | 4         | 0                 | 0   | 0   | 0   | 0    | 0       | 0   | 0               | 0   | 0       | 0   |          |     |     |     |   |     |     |     |     |     |     |
| 098 SOUTHEAST KANSAS              | III (1)                |     |     |     |     |     |     |     |     | III (1+0) |                   |     |     |     |      | III (0) |     |                 |     | III (0) |     |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 69                     | 0   | 0   | 0   | 2   | 0   | 0   |     |     |           |                   |     |     |     |      |         |     |                 |     |         |     |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 70                     | 1   | 1   | 0   | 2   | 1   | 0   | 0   | 0   | 0         | 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   | 0               | 0   | 0       | 0   |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 72                     | 3   | 1   | 0   | 6   | 0   | 0   | 1   | 0   | 3         | 0                 | 0   | 0   | 0   | 0    | 0       | 0   | 0               | 0   | 0       | 0   |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 73                     | 3   | 1   | 0   | 6   | 4   | 1   | 1   | 0   | 3         | 0                 | 0   | 0   | 0   | 0    | 0       | 0   | 0               | 0   | 0       | 0   |          |     |     |     |   |     |     |     |     |     |     |
| 099 SOUTH CENTRAL KANSAS          | I (7)                  |     |     |     |     |     |     |     |     | III (1+0) |                   |     |     |     |      | III (0) |     |                 |     | I (2)   |     |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 69                     | 2   | 0   | 0   | 8   | 5   | 2   |     |     |           |                   |     |     |     |      |         |     |                 |     |         |     |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 70                     | 7   | 6   | 6   | 7   | 6   | 3   | 1   | 0   | 1         | 0                 | 0   | 0   | 0   | 0    | 0       | 0   | 0               | 0   | 0       | 0   |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 71                     | 7   | 5   | 4   | 7   | 4   | 1   | 1   | 0   | 3         | 0                 | 0   | 0   | 0   | 0    | 0       | 0   | 0               | 1   | 1       | 1   |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 72                     | 5   | 3   | 2   | 15  | 7   | 3   | 1   | 0   | 6         | 0                 | 0   | 0   | 0   | 0    | 0       | 0   | 1               | 1   | 1       | 1   |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 73                     | 11  | 4   | 1   | 15  | 5   | 1   | 4   | 0   | 16        | 0                 | 0   | 0   | 0   | 2    | 0       | 2   | 0               | 2   | 2       | 1   |          |     |     |     |   |     |     |     |     |     |     |
| 100 SOUTHWEST KANSAS              | I (5)                  |     |     |     |     |     |     |     |     | III (1+0) |                   |     |     |     |      | III (0) |     |                 |     | III (0) |     |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 69                     | 0   | 0   | 0   | 2   | 2   | 1   |     |     |           |                   |     |     |     |      |         |     |                 |     |         |     |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 70                     | 2   | 2   | 1   | 2   | 2   | 2   | 0   | 0   | 0         | 0                 | 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   | 0               | 0   | 0       | 0   |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 72                     | 2   | 1   | 1   | 3   | 2   | 0   | 0   | 0   | 2         | 0                 | 0   | 0   | 0   | 0    | 0       | 0   | 0               | 0   | 0       | 0   |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 73                     | 3   | 1   | 0   | 5   | 1   | 0   | 2   | 0   | 2         | 0                 | 0   | 0   | 0   | 0    | 0       | 0   | 0               | 0   | 0       | 0   |          |     |     |     |   |     |     |     |     |     |     |
| 101 APPALACHIAN (KY)              | III (3)                |     |     |     |     |     |     |     |     | III (1+0) |                   |     |     |     |      | III (0) |     |                 |     | III (0) |     |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 69                     | 0   | 0   | 0   | 3   | 1   | 0   |     |     |           |                   |     |     |     |      |         |     |                 |     |         |     |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 70                     | 0   | 0   | 0   | 2   | 0   | 0   | 0   | 0   | 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   | 0               | 0   | 0       | 0   |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 72                     | 3   | 2   | 0   | 4   | 2   | 0   | 0   | 0   | 2         | 0                 | 0   | 0   | 0   | 0    | 0       | 0   | 0               | 0   | 0       | 0   |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 73                     | 3   | 2   | 0   | 5   | 1   | 0   | 3   | 0   | 5         | 0                 | 0   | 0   | 0   | 0    | 0       | 0   | 0               | 0   | 0       | 0   |          |     |     |     |   |     |     |     |     |     |     |
| 102 BLUEPASS (KY)                 | III (3)                |     |     |     |     |     |     |     |     | III (1+0) |                   |     |     |     |      | III (0) |     |                 |     | III (0) |     |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 69                     | 2   | 0   | 0   | 3   | 0   | 0   |     |     |           |                   |     |     |     |      |         |     |                 |     |         |     |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 70                     | 1   | 1   | 0   | 3   | 0   | 0   | 1   | 0   | 1         | 0                 | 0   | 0   | 0   | 0    | 0       | 0   | 0               | 0   | 0       | 0   |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 71                     | 3   | 1   | 0   | 4   | 0   | 0   | 2   | 0   | 4         | 0                 | 0   | 0   | 0   | 0    | 0       | 0   | 0               | 0   | 0       | 0   |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 72                     | 4   | 1   | 0   | 4   | 1   | 0   | 2   | 0   | 4         | 0                 | 0   | 0   | 0   | 0    | 0       | 0   | 0               | 0   | 0       | 0   |          |     |     |     |   |     |     |     |     |     |     |
|                                   | 73                     | 9   | 2   | 1   | 15  | 0   | 0   | 5   | 0   | 11        | 0                 | 0   | 0   | 0   | 0    | 0       | 0   | 0               | 0   | 0       | 0   |          |     |     |     |   |     |     |     |     |     |     |

Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIP QUALITY CONTROL REGION                             | SUSPENDED PARTICULATES |    |        |    |         |   |         |   |         |   | SULFUR DIOXIDE |   |         |   |         |   |         |   |         |   | CARBON MONOXIDE |   |         |   |         |   |         |   |         |   | OXIDANTS |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|------------------------|----|--------|----|---------|---|---------|---|---------|---|----------------|---|---------|---|---------|---|---------|---|---------|---|-----------------|---|---------|---|---------|---|---------|---|---------|---|----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | YEAR                   |    | ANNUAL |    | 24-HOUR |   | STATION |   | PERCENT |   | STATION        |   | PERCENT |   | STATION |   | PERCENT |   | STATION |   | PERCENT         |   | STATION |   | PERCENT |   | STATION |   | PERCENT |   |          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | P                      | R  | #      | >  | #       | > | #       | > | P       | R | #              | > | P       | R | #       | > | P       | R | #       | > | P               | R | #       | > | P       | R | #       | > | P       | R | #        | > |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 103 HUNTINGTON-ASHLAND-PORTSMOUTH-IRONTON (KY-DR-M.VA) | 69                     | 70 | 71     | 72 | 73      | 5 | 3       | 5 | 4       | 4 | 4              | 1 | 1       | 1 | 0       | 0 | 0       | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0       | 0 | 0       | 0 | 0       | 0 | 0        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |   |
| 104 NORTH CENTRAL KENTUCKY                             | 69                     | 70 | 71     | 72 | 73      | 1 | 1       | 1 | 1       | 1 | 1              | 1 | 1       | 1 | 1       | 1 | 1       | 1 | 1       | 1 | 1               | 1 | 1       | 1 | 1       | 1 | 1       | 1 | 1       | 1 | 1        | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |   |   |
| 105 SOUTH CENTRAL KENTUCKY                             | 69                     | 70 | 71     | 72 | 73      | 1 | 1       | 1 | 1       | 1 | 1              | 1 | 1       | 1 | 1       | 1 | 1       | 1 | 1       | 1 | 1               | 1 | 1       | 1 | 1       | 1 | 1       | 1 | 1       | 1 | 1        | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |   |   |
| 106 SOUTHERN LOUISIANA-SOUTHEAST TEXAS (LA-TEX.)       | 69                     | 70 | 71     | 72 | 73      | 4 | 4       | 4 | 4       | 4 | 4              | 2 | 0       | 3 | 0       | 0 | 3       | 0 | 4       | 0 | 0               | 4 | 0       | 4 | 0       | 0 | 0       | 0 | 0       | 0 | 0        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 107 ANDROSCOGGIN VALLEY (ME-N.H.)                      | 69                     | 70 | 71     | 72 | 73      | 1 | 0       | 0 | 1       | 0 | 0              | 3 | 1       | 0 | 0       | 0 | 0       | 0 | 1       | 0 | 0               | 0 | 0       | 1 | 0       | 0 | 0       | 0 | 0       | 0 | 0        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 108 ARRESTOCK (ME)                                     | 69                     | 70 | 71     | 72 | 73      | 1 | 0       | 0 | 0       | 0 | 0              | 1 | 0       | 0 | 0       | 0 | 0       | 0 | 0       | 0 | 0               | 0 | 0       | 0 | 0       | 0 | 0       | 0 | 0       | 0 | 0        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION        |     | SUSPENDED PARTICULATES |              |             | SULFUR DIOXIDE |          |         | CARBON MONOXIDE |           |        | OXIDANTS  |         |
|-----------------------------------|-----|------------------------|--------------|-------------|----------------|----------|---------|-----------------|-----------|--------|-----------|---------|
|                                   |     | ANNUAL                 |              |             | ANNUAL         |          |         | 1-HR            |           |        | 1-HR      |         |
| YR                                | P # | R STA #                | SEC PRI #    | 24-HR #     | P #            | R STA #  | 24-HR # | P #             | R STA #   | 1-HR # | P #       | R STA # |
|                                   |     | UG/CU-M:               | T (1) 60     | 75- (2) 150 | 260            | T (1) 80 | (2) 365 | 1300            | T (2) 40* | 10*    | T (2) 160 |         |
|                                   |     | P-P-M:                 | Y -          | -           | -              | Y -      | .03     | .14             | .50       | 35     | 9         | .09     |
| -----                             |     |                        |              |             |                |          |         |                 |           |        |           |         |
| 109 DOWN EAST (ME)                |     |                        |              |             |                |          |         |                 |           |        |           |         |
|                                   |     | IA( 3)                 | IA( 3 + 1)   |             |                | IIII( 0) |         |                 | IIII( 0)  |        | IIII( 0)  |         |
| 69                                | 1   | 0                      | 0            | 1           | 0              | 0        | 1       | 0               | 0         | 0      | 0         | 0       |
| 70                                | 1   | 0                      | 0            | 1           | 0              | 0        | 1       | 0               | 0         | 0      | 0         | 0       |
| 71                                | 1   | 0                      | 0            | 1           | 0              | 0        | 1       | 0               | 0         | 0      | 0         | 0       |
| 72                                | 1   | 0                      | 0            | 1           | 0              | 0        | 1       | 0               | 0         | 0      | 0         | 0       |
| 73                                | 0   | 0                      | 0            | 5           | 0              | 0        | 0       | 0               | 0         | 0      | 0         | 0       |
| 110 METROPOLITAN PORTLAND (ME)    |     |                        |              |             |                |          |         |                 |           |        |           |         |
|                                   |     | I ( 6)                 | III( 3 + 1)  |             |                | IIII( 0) |         |                 | IIII( 0)  |        | IIII( 0)  |         |
| 69                                | 0   | 0                      | 0            | 0           | 0              | 0        | 0       | 0               | 0         | 0      | 0         | 0       |
| 70                                | 1   | 1                      | 1            | 6           | 1              | 0        | 5       | 0               | 0         | 0      | 0         | 0       |
| 71                                | 3   | 2                      | 0            | 6           | 1              | 0        | 4       | 0               | 5         | 0      | 0         | 0       |
| 72                                | 0   | 0                      | 0            | 5           | 0              | 0        | 1       | 0               | 5         | 0      | 0         | 0       |
| 73                                | 0   | 0                      | 0            | 6           | 0              | 0        | 0       | 0               | 7         | 1      | 0         | 0       |
| 111 NORTHWEST MAINE               |     |                        |              |             |                |          |         |                 |           |        |           |         |
|                                   |     | III( 1)                | IIII( 1 + 0) |             |                | IIII( 0) |         |                 | IIII( 0)  |        | IIII( 0)  |         |
| 69                                | 0   | 0                      | 0            | 0           | 0              | 0        | 0       | 0               | 0         | 0      | 0         | 0       |
| 70                                | 0   | 0                      | 0            | 0           | 0              | 0        | 0       | 0               | 0         | 0      | 0         | 0       |
| 71                                | 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       |
| 73                                | 0   | 0                      | 0            | 0           | 0              | 0        | 0       | 0               | 0         | 0      | 0         | 0       |
| 112 CENTRAL MARYLAND              |     |                        |              |             |                |          |         |                 |           |        |           |         |
|                                   |     | II( 3)                 | III( 3 + 1)  |             |                | IIII( 0) |         |                 | IIII( 0)  |        | IIII( 0)  |         |
| 69                                | 0   | 0                      | 0            | 0           | 0              | 0        | 0       | 0               | 0         | 0      | 0         | 0       |
| 70                                | 0   | 0                      | 0            | 0           | 0              | 0        | 0       | 0               | 0         | 0      | 0         | 0       |
| 71                                | 0   | 0                      | 0            | 0           | 0              | 0        | 0       | 0               | 0         | 0      | 0         | 0       |
| 72                                | 3   | 1                      | 0            | 9           | 0              | 0        | 3       | 0               | 6         | 0      | 0         | 0       |
| 73                                | 0   | 0                      | 0            | 8           | 1              | 0        | 0       | 0               | 7         | 0      | 0         | 0       |
| 113 CUMBERLAND-KEYSER (MD-W. VA.) |     |                        |              |             |                |          |         |                 |           |        |           |         |
|                                   |     | I ( 5)                 | I ( 4 + 1)   |             |                | IIII( 0) |         |                 | IIII( 0)  |        | IIII( 0)  |         |
| 69                                | 0   | 0                      | 0            | 0           | 0              | 0        | 0       | 0               | 0         | 0      | 0         | 0       |
| 70                                | 0   | 0                      | 0            | 0           | 0              | 0        | 0       | 0               | 0         | 0      | 0         | 0       |
| 71                                | 0   | 0                      | 0            | 2           | 0              | 0        | 0       | 0               | 2         | 0      | 0         | 0       |
| 72                                | 1   | 1                      | 1            | 7           | 4              | 0        | 1       | 0               | 5         | 0      | 0         | 0       |
| 73                                | 0   | 0                      | 0            | 6           | 2              | 0        | 0       | 0               | 7         | 0      | 1         | 0       |
| 114 EASTERN SHORE (MD)            |     |                        |              |             |                |          |         |                 |           |        |           |         |
|                                   |     | III( 3)                | III( 1 + 0)  |             |                | IIII( 0) |         |                 | IIII( 0)  |        | IIII( 0)  |         |
| 69                                | 0   | 0                      | 0            | 0           | 0              | 0        | 0       | 0               | 0         | 0      | 0         | 0       |
| 70                                | 0   | 0                      | 0            | 0           | 0              | 0        | 0       | 0               | 0         | 0      | 0         | 0       |
| 71                                | 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       |
| 73                                | 0   | 0                      | 0            | 7           | 1              | 0        | 0       | 0               | 5         | 0      | 0         | 0       |

Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION              | SUSPENDED PARTICULATES |         |    |   | SULFUR DIOXIDE ANNUAL |    |     |          | CARBON MONOXIDE |    |     |     | OXIDANTS |    |     |     |   |    |     |     |  |
|---|------------------------|---------|----|---|-----------------------|----|-----|----------|-----------------|----|-----|-----|----------|----|-----|-----|---|----|-----|-----|--|
|   | YR                     | P       | R  | T | #                     | ST | SEC | PRI      | #               | ST | SEC | PRI | #        | ST | SEC | PRI | # | ST | SEC | PRI |  |
| 115 METROPOLITAN BALTIMORE (MD)         |                        |         |    |   |                       |    |     |          |                 |    |     |     |          |    |     |     |   |    |     |     |  |
|   | 69                     | 2       | 2  | 2 | 2                     | 2  | 2   | 0        | 1               | 0  | 0   | 0   | 0        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   | 70                     | 1       | 1  | 1 | 1                     | 1  | 1   | 1        | 1               | 0  | 0   | 0   | 0        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   | 71                     | 0       | 0  | 0 | 1                     | 1  | 1   | 1        | 1               | 0  | 0   | 0   | 0        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   | 72                     | 30      | 16 | 6 | 31                    | 12 | 3   | 15       | 0               | 18 | 0   | 0   | 1        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   | 73                     | 1       | 1  | 1 | 30                    | 12 | 2   | 0        | 0               | 22 | 0   | 0   | 8        | 0  | 7   | 3   | 3 | 0  | 0   | 0   |  |
|   |                        | I (113) |    |   |                       |    |     | I (9+4)  |                 |    |     |     | I (4)    |    |     |     |   |    |     |     |  |
| 116 SOUTHERN MARYLAND                   |                        |         |    |   |                       |    |     |          |                 |    |     |     |          |    |     |     |   |    |     |     |  |
|   | 69                     | 1       | 0  | 0 | 1                     | 0  | 0   | 0        | 0               | 0  | 0   | 0   | 0        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   | 70                     | 0       | 0  | 0 | 1                     | 0  | 0   | 0        | 0               | 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 | 0  | 0   | 0   |  |
|   | 72                     | 1       | 0  | 0 | 3                     | 0  | 0   | 1        | 0               | 3  | 0   | 0   | 0        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   | 73                     | 0       | 0  | 0 | 4                     | 0  | 0   | 0        | 0               | 4  | 0   | 0   | 0        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   |                        | III(1)  |    |   |                       |    |     | III(1+0) |                 |    |     |     | III(0)   |    |     |     |   |    |     |     |  |
| 117 BERKSHIRE (MASS)                    |                        |         |    |   |                       |    |     |          |                 |    |     |     |          |    |     |     |   |    |     |     |  |
|   | 69                     | 0       | 0  | 0 | 0                     | 0  | 0   | 0        | 0               | 0  | 0   | 0   | 0        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   | 70                     | 0       | 0  | 0 | 0                     | 0  | 0   | 0        | 0               | 0  | 0   | 0   | 0        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   | 71                     | 2       | 1  | 0 | 6                     | 2  | 0   | 2        | 0               | 6  | 1   | 0   | 0        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   | 72                     | 6       | 0  | 0 | 6                     | 1  | 0   | 6        | 0               | 6  | 0   | 0   | 0        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   | 73                     | 0       | 0  | 0 | 6                     | 0  | 0   | 0        | 0               | 6  | 0   | 0   | 0        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   |                        | II(3)   |    |   |                       |    |     | III(1+0) |                 |    |     |     | III(0)   |    |     |     |   |    |     |     |  |
| 118 CENTRAL MASSACHUSETTS               |                        |         |    |   |                       |    |     |          |                 |    |     |     |          |    |     |     |   |    |     |     |  |
|   | 69                     | 0       | 0  | 0 | 0                     | 0  | 0   | 0        | 0               | 0  | 0   | 0   | 0        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   | 70                     | 0       | 0  | 0 | 0                     | 0  | 0   | 0        | 0               | 0  | 0   | 0   | 0        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   | 71                     | 0       | 0  | 0 | 2                     | 2  | 0   | 0        | 0               | 2  | 0   | 0   | 0        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   | 72                     | 2       | 1  | 0 | 2                     | 2  | 1   | 3        | 0               | 3  | 0   | 0   | 0        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   | 73                     | 0       | 0  | 0 | 5                     | 3  | 1   | 0        | 0               | 3  | 0   | 0   | 0        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   |                        | I(8)    |    |   |                       |    |     | II(3+1)  |                 |    |     |     | III(0)   |    |     |     |   |    |     |     |  |
| 119 METROPOLITAN BOSTON (MASS)          |                        |         |    |   |                       |    |     |          |                 |    |     |     |          |    |     |     |   |    |     |     |  |
|   | 69                     | 4       | 4  | 4 | 5                     | 4  | 0   | 1        | 0               | 2  | 0   | 0   | 0        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   | 70                     | 4       | 4  | 4 | 7                     | 5  | 1   | 1        | 0               | 3  | 0   | 0   | 0        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   | 71                     | 10      | 8  | 6 | 22                    | 9  | 4   | 8        | 0               | 23 | 1   | 0   | 2        | 0  | 2   | 0   | 0 | 0  | 0   | 0   |  |
|   | 72                     | 18      | 6  | 4 | 23                    | 6  | 1   | 17       | 0               | 23 | 0   | 0   | 0        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   | 73                     | 0       | 0  | 0 | 15                    | 6  | 2   | 0        | 0               | 21 | 0   | 0   | 0        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   |                        | I(117)  |    |   |                       |    |     | I(12+7)  |                 |    |     |     | I(7)     |    |     |     |   |    |     |     |  |
| 120 METROPOLITAN PROVIDENCE (MASS-R.I.) |                        |         |    |   |                       |    |     |          |                 |    |     |     |          |    |     |     |   |    |     |     |  |
|   | 69                     | 4       | 2  | 1 | 5                     | 0  | 0   | 1        | 1               | 1  | 0   | 0   | 0        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   | 70                     | 4       | 2  | 1 | 9                     | 0  | 0   | 1        | 0               | 3  | 0   | 0   | 0        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   | 71                     | 20      | 8  | 3 | 27                    | 7  | 0   | 2        | 0               | 21 | 1   | 0   | 0        | 0  | 0   | 0   | 0 | 0  | 0   | 0   |  |
|   | 72                     | 23      | 3  | 1 | 29                    | 4  | 0   | 20       | 0               | 23 | 0   | 0   | 2        | 0  | 1   | 0   | 0 | 0  | 0   | 0   |  |
|   | 73                     | 0       | 0  | 0 | 32                    | 2  | 0   | 0        | 0               | 31 | 1   | 0   | 3        | 0  | 2   | 0   | 0 | 0  | 0   | 0   |  |
|   |                        | I(12)   |    |   |                       |    |     | I(9+4)   |                 |    |     |     | I(4)     |    |     |     |   |    |     |     |  |

Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION                              | SUSPENDED PARTICULATES |     |     |     |     |     |     |     |     |     | SULFUR DIOXIDE |     |        |     |       |     |      |     |     |     | CARBON MONOXIDE |     |     |     |     |     |     |     |     |     | OXIDANTS |     |     |     |   |   |   |   |  |  |
|---|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------|-----|--------|-----|-------|-----|------|-----|-----|-----|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|-----|-----|-----|---|---|---|---|--|--|
|   | YR                     |     | P   |     | R   |     | STA |     | SEC |     | PRI            |     | ANNUAL |     | 24-HR |     | 3-HR |     | P   |     | R               |     | STA |     | 40* |     | T   |     | P   |     | R        |     | STA |     | T |   |   |   |  |  |
|   | (1)                    | (2) | (1) | (2) | (1) | (2) | (1) | (2) | (1) | (2) | (1)            | (2) | (1)    | (2) | (1)   | (2) | (1)  | (2) | (1) | (2) | (1)             | (2) | (1) | (2) | (1) | (2) | (1) | (2) | (1) | (2) | (1)      | (2) | (1) | (2) |   |   |   |   |  |  |
| 121 MERRIMACK VALLEY-SOUTHERN NEW HAMPSHIRE (MASS-N.H.) | 69                     | 1   | 0   | 0   | 1   | 0   | 0   | 1   | 0   | 0   | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 |   |   |   |  |  |
|   | 70                     | 2   | 0   | 0   | 5   | 1   | 0   | 0   | 0   | 0   | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 |   |   |   |  |  |
|   | 71                     | 9   | 1   | 0   | 19  | 2   | 0   | 0   | 0   | 0   | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 |   |   |  |  |
|   | 72                     | 15  | 1   | 0   | 22  | 4   | 0   | 0   | 0   | 0   | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 |   |   |  |  |
|   | 73                     | 0   | 0   | 0   | 28  | 3   | 0   | 0   | 0   | 0   | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 |   |   |  |  |
| 122 CENTRAL MICHIGAN                                    | 69                     | 15  | 12  | 8   | 22  | 13  | 3   | 3   | 0   | 0   | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 |   |   |  |  |
|   | 70                     | 19  | 15  | 10  | 23  | 9   | 2   | 3   | 0   | 3   | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 | 0 |   |  |  |
|   | 71                     | 13  | 10  | 4   | 18  | 4   | 0   | 2   | 0   | 5   | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 | 0 |   |  |  |
|   | 72                     | 26  | 12  | 2   | 35  | 10  | 2   | 7   | 0   | 11  | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 | 0 |   |  |  |
|   | 73                     | 35  | 11  | 3   | 41  | 9   | 1   | 9   | 0   | 16  | 1              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 | 0 | 0 |  |  |
| 123 METROPOLITAN DETROIT-PORT HURON (MICH)              | 69                     | 10  | 10  | 8   | 16  | 12  | 0   | 1   | 0   | 1   | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 | 0 |   |  |  |
|   | 70                     | 9   | 8   | 6   | 13  | 10  | 1   | 1   | 0   | 2   | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 | 0 | 0 |  |  |
|   | 71                     | 22  | 21  | 18  | 43  | 28  | 8   | 1   | 0   | 2   | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 | 0 | 0 |  |  |
|   | 72                     | 42  | 32  | 22  | 42  | 26  | 4   | 14  | 0   | 21  | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 | 0 | 0 |  |  |
|   | 73                     | 38  | 29  | 15  | 43  | 31  | 6   | 9   | 1   | 24  | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 | 0 | 0 |  |  |
| 124 METROPOLITAN TOLEDO (MICH-OHIO)                     | 69                     | 10  | 10  | 5   | 12  | 9   | 2   | 1   | 0   | 1   | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 | 0 |   |  |  |
|   | 70                     | 10  | 10  | 9   | 15  | 10  | 1   | 1   | 0   | 1   | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 | 0 | 0 |  |  |
|   | 71                     | 8   | 8   | 6   | 16  | 5   | 0   | 1   | 0   | 5   | 1              | 1   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 | 0 | 0 |  |  |
|   | 72                     | 14  | 13  | 8   | 16  | 11  | 2   | 3   | 0   | 8   | 1              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 | 0 | 0 |  |  |
|   | 73                     | 3   | 3   | 2   | 19  | 5   | 0   | 3   | 0   | 5   | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 | 0 | 0 |  |  |
| 125 SOUTH CENTRAL MICHIGAN                              | 69                     | 4   | 3   | 0   | 5   | 4   | 0   | 1   | 0   | 1   | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 | 0 |   |  |  |
|   | 70                     | 3   | 2   | 2   | 4   | 1   | 1   | 1   | 0   | 1   | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 | 0 | 0 |  |  |
|   | 71                     | 4   | 3   | 1   | 4   | 1   | 0   | 0   | 0   | 1   | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 | 0 | 0 |  |  |
|   | 72                     | 6   | 3   | 1   | 7   | 2   | 0   | 2   | 0   | 3   | 1              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 | 0 | 0 |  |  |
|   | 73                     | 8   | 0   | 0   | 12  | 0   | 0   | 2   | 1   | 4   | 1              | 1   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 | 0 | 0 |  |  |
| 126 UPPER MICHIGAN                                      | 69                     | 2   | 0   | 0   | 4   | 0   | 0   | 0   | 0   | 0   | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 | 0 |   |  |  |
|   | 70                     | 6   | 0   | 0   | 6   | 0   | 0   | 0   | 0   | 0   | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 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    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 | 0 | 0 |  |  |
|   | 72                     | 12  | 2   | 0   | 15  | 4   | 2   | 2   | 0   | 2   | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 | 0 | 0 |  |  |
|   | 73                     | 13  | 0   | 0   | 18  | 3   | 1   | 4   | 0   | 4   | 0              | 0   | 0      | 0   | 0     | 0   | 0    | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0 | 0 | 0 | 0 |  |  |

Table 3-3 (continued) . NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION                    | SUSPENDED PARTICULATES |    |     |     |     |     |     |     |     |     | SULFUR DIOXIDE |    |        |     |       |    | CARBON MONOXIDE |     |   |    |     |     | OXIDANTS |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
|---|------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|----------------|----|--------|-----|-------|----|-----------------|-----|---|----|-----|-----|----------|----|-----|-----|----|----|-----|-----|----|----|-----|-----|--|--|--|--|--|
|   | YR                     |    | P   |     | #   |     | #>  |     | #>  |     | #>             |    | ANNUAL |     | 24-HR |    | 3-HR            |     | P |    | #>  |     | #>       |    | P   |     | #> |    | P   |     | #> |    | #>  |     |  |  |  |  |  |
|   | R                      | ST | SEC | PRI | STA | SEC | PRI | STA | SEC | PRI | R              | ST | STA    | STD | R     | ST | STA             | STD | R | ST | STA | STD | R        | ST | STA | STD | R  | ST | STA | STD | R  | ST | STA | STD |  |  |  |  |  |
| 127 CENTRAL MINNESOTA                         | UG/CU.M:               | T  | (1) | 60  | 75  | (2) | 150 | 260 |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
|   | P.P.M.:                | Y  |     |     |     |     |     |     |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
|   |                        |    |     |     |     |     |     |     |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
|   |                        |    |     |     |     |     |     |     |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
| 128 SOUTHEAST MINNESOTA-LA CROSSE (MINN-WISC) |                        |    |     |     |     |     |     |     |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
|   |                        |    |     |     |     |     |     |     |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
|   |                        |    |     |     |     |     |     |     |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
|   |                        |    |     |     |     |     |     |     |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
| 129 DULUTH-SUPERIOR (MINN-WISC)               |                        |    |     |     |     |     |     |     |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
|   |                        |    |     |     |     |     |     |     |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
|   |                        |    |     |     |     |     |     |     |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
|   |                        |    |     |     |     |     |     |     |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
| 130 METROPOLITAN FARGO-MOORHEAD (MINN-N.D.)   |                        |    |     |     |     |     |     |     |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
|   |                        |    |     |     |     |     |     |     |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
|   |                        |    |     |     |     |     |     |     |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
|   |                        |    |     |     |     |     |     |     |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
| 131 MINNEAPOLIS-ST. PAUL (MINN)               |                        |    |     |     |     |     |     |     |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
|   |                        |    |     |     |     |     |     |     |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
|   |                        |    |     |     |     |     |     |     |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
|   |                        |    |     |     |     |     |     |     |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
| 132 NORTHWEST MINNESOTA                       |                        |    |     |     |     |     |     |     |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
|   |                        |    |     |     |     |     |     |     |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
|   |                        |    |     |     |     |     |     |     |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |
|   |                        |    |     |     |     |     |     |     |     |     |                |    |        |     |       |    |                 |     |   |    |     |     |          |    |     |     |    |    |     |     |    |    |     |     |  |  |  |  |  |



Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION | SUSPENDED PARTICULATES |   |   |     |     |       |       |       |       |       | SULFUR DIOXIDE ANNUAL |   |   |     |     | CARBON MONOXIDE |     |     |     |     | OXIDANTS |      |      |   |   |     |   |     |     |     |      |      |      |   |   |   |   |   |   |   |   |   |
|----------------------------|------------------------|---|---|-----|-----|-------|-------|-------|-------|-------|-----------------------|---|---|-----|-----|-----------------|-----|-----|-----|-----|----------|------|------|---|---|-----|---|-----|-----|-----|------|------|------|---|---|---|---|---|---|---|---|---|
|                            | YR                     | P | # | # > | # > | 24-HR | 24-HR | 24-HR | 24-HR | 24-HR | 24-HR                 | P | # | # > | # > | R               | STA | STD | STD | STD | 1-HR     | 8-HR | 8-HR | P | # | # > | R | STA | STD | STD | 1-HR | 8-HR | 8-HR |   |   |   |   |   |   |   |   |   |
| 139 SOUTHWEST MISSOURI     | 69                     | 1 | 0 | 0   | 1   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 |   |   |   |   |   |   |
|                            | 70                     | 1 | 0 | 0   | 1   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 |   |   |   |   |   |
|                            | 71                     | 1 | 0 | 0   | 1   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 |   |   |   |   |
|                            | 72                     | 1 | 0 | 0   | 3   | 1     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 |   |   |   |   |
| 73                         | 1                      | 0 | 0 | 12  | 3   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 |   |   |   |   |
| I ( 9 )                    |                        |   |   |     |     |       |       |       |       |       |                       |   |   |     |     |                 |     |     |     |     |          |      |      |   |   |     |   |     |     |     |      |      |      |   |   |   |   |   |   |   |   |   |
| III ( 1 + 0 )              |                        |   |   |     |     |       |       |       |       |       |                       |   |   |     |     |                 |     |     |     |     |          |      |      |   |   |     |   |     |     |     |      |      |      |   |   |   |   |   |   |   |   |   |
| 140 BILLINGS (MONT)        | 69                     | 0 | 0 | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 |   |   |   |   |
|                            | 70                     | 0 | 0 | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
|                            | 71                     | 0 | 0 | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                            | 72                     | 0 | 0 | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 73                         | 0                      | 0 | 0 | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| II ( 3 )                   |                        |   |   |     |     |       |       |       |       |       |                       |   |   |     |     |                 |     |     |     |     |          |      |      |   |   |     |   |     |     |     |      |      |      |   |   |   |   |   |   |   |   |   |
| III ( 3 + 1 )              |                        |   |   |     |     |       |       |       |       |       |                       |   |   |     |     |                 |     |     |     |     |          |      |      |   |   |     |   |     |     |     |      |      |      |   |   |   |   |   |   |   |   |   |
| 141 GREAT FALLS (MONT)     | 69                     | 1 | 0 | 0   | 1   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
|                            | 70                     | 0 | 0 | 0   | 1   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 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   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 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   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73                         | 1                      | 0 | 0 | 1   | 0   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| III ( 1 )                  |                        |   |   |     |     |       |       |       |       |       |                       |   |   |     |     |                 |     |     |     |     |          |      |      |   |   |     |   |     |     |     |      |      |      |   |   |   |   |   |   |   |   |   |
| IA ( 3 + 1 )               |                        |   |   |     |     |       |       |       |       |       |                       |   |   |     |     |                 |     |     |     |     |          |      |      |   |   |     |   |     |     |     |      |      |      |   |   |   |   |   |   |   |   |   |
| 142 HELENA (MONT)          | 69                     | 1 | 0 | 0   | 1   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
|                            | 70                     | 0 | 0 | 0   | 1   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 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   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 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   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73                         | 0                      | 0 | 0 | 1   | 0   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| IA ( 3 )                   |                        |   |   |     |     |       |       |       |       |       |                       |   |   |     |     |                 |     |     |     |     |          |      |      |   |   |     |   |     |     |     |      |      |      |   |   |   |   |   |   |   |   |   |
| IA ( 3 + 1 )               |                        |   |   |     |     |       |       |       |       |       |                       |   |   |     |     |                 |     |     |     |     |          |      |      |   |   |     |   |     |     |     |      |      |      |   |   |   |   |   |   |   |   |   |
| 143 MILES CITY (MONT)      | 69                     | 0 | 0 | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
|                            | 70                     | 0 | 0 | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                            | 71                     | 0 | 0 | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                            | 72                     | 0 | 0 | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73                         | 0                      | 0 | 0 | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| III ( 1 )                  |                        |   |   |     |     |       |       |       |       |       |                       |   |   |     |     |                 |     |     |     |     |          |      |      |   |   |     |   |     |     |     |      |      |      |   |   |   |   |   |   |   |   |   |
| III ( 1 + 0 )              |                        |   |   |     |     |       |       |       |       |       |                       |   |   |     |     |                 |     |     |     |     |          |      |      |   |   |     |   |     |     |     |      |      |      |   |   |   |   |   |   |   |   |   |
| 144 MISSOULA (MONT)        | 69                     | 0 | 0 | 0   | 1   | 1     | 1     | 1     | 1     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
|                            | 70                     | 0 | 0 | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                            | 71                     | 0 | 0 | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                            | 72                     | 0 | 0 | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73                         | 0                      | 0 | 0 | 0   | 0   | 0     | 0     | 0     | 0     | 0     | 0                     | 0 | 0 | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0        | 0    | 0    | 0 | 0 | 0   | 0 | 0   | 0   | 0   | 0    | 0    | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| I ( 5 )                    |                        |   |   |     |     |       |       |       |       |       |                       |   |   |     |     |                 |     |     |     |     |          |      |      |   |   |     |   |     |     |     |      |      |      |   |   |   |   |   |   |   |   |   |
| III ( 1 + 0 )              |                        |   |   |     |     |       |       |       |       |       |                       |   |   |     |     |                 |     |     |     |     |          |      |      |   |   |     |   |     |     |     |      |      |      |   |   |   |   |   |   |   |   |   |



Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIP QUALITY CONTROL REGION                             | SUSPENDED PARTICULATES |    |       |   |       |   |        |   |       |   | SULFUR DIOXIDE |   |      |   |      | CARBON MONOXIDE |      |   |      |   | OXIDANTS |   |      |   |      |   |      |   |
|--|------------------------|----|-------|---|-------|---|--------|---|-------|---|----------------|---|------|---|------|-----------------|------|---|------|---|----------|---|------|---|------|---|------|---|
|  | ANNUAL                 |    | 24-HR |   | 24-HR |   | ANNUAL |   | 24-HR |   | 3-HR           |   | 1-HR |   | 8-HR |                 | 1-HR |   | 8-HR |   | 1-HR     |   | 8-HR |   | 1-HR |   | 8-HR |   |
|  | P                      | #  | P     | # | P     | # | P      | # | P     | # | P              | # | P    | # | P    | #               | P    | # | P    | # | P        | # | P    | # | P    | # | P    | # |
| 151 NORTHEAST PENNSYLVANIA-UPPER DEL. VAL. (PENN-N.J.) | 69                     | 5  | 5     | 5 | 5     | 5 | 1      | 1 | 2     | 2 | 2              | 2 | 2    | 2 | 2    | 2               | 2    | 2 | 2    | 2 | 2        | 2 | 2    | 2 | 2    | 2 | 2    | 2 |
| 152 ALBUQUERQUE-MID RIO GRANDE (N. MEX)                | 69                     | 10 | 6     | 3 | 10    | 7 | 1      | 1 | 0     | 1 | 0              | 0 | 0    | 0 | 0    | 0               | 0    | 0 | 0    | 0 | 0        | 0 | 0    | 0 | 0    | 0 | 0    | 0 |
| 153 EL PASO-LAS CRUCES-ALAMOGORDO (N. MEX-TEX)         | 69                     | 0  | 0     | 0 | 2     | 2 | 0      | 0 | 0     | 2 | 0              | 0 | 0    | 0 | 0    | 0               | 0    | 0 | 0    | 0 | 0        | 0 | 0    | 0 | 0    | 0 | 0    | 0 |
| 154 NORTHEAST PLAINS (N. MEX)                          | 69                     | 1  | 1     | 1 | 1     | 1 | 1      | 1 | 1     | 1 | 1              | 1 | 1    | 1 | 1    | 1               | 1    | 1 | 1    | 1 | 1        | 1 | 1    | 1 | 1    | 1 | 1    | 1 |
| 155 PECOS-PERMIAN BASIN (N. MEX)                       | 69                     | 0  | 0     | 0 | 0     | 0 | 0      | 0 | 0     | 0 | 0              | 0 | 0    | 0 | 0    | 0               | 0    | 0 | 0    | 0 | 0        | 0 | 0    | 0 | 0    | 0 | 0    | 0 |
| 156 SOUTHWESTERN MOUNTAINS-AUGUSTINE PLAINS (N. MEX.)  | 69                     | 0  | 0     | 0 | 0     | 0 | 0      | 0 | 0     | 0 | 0              | 0 | 0    | 0 | 0    | 0               | 0    | 0 | 0    | 0 | 0        | 0 | 0    | 0 | 0    | 0 | 0    | 0 |

1973-1974



Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION            | SUSPENDED PARTICULATES |      |        |      |         |      |    |      |        |      | SULFUR DIOXIDE |      |   |      | CARBON MONOXIDE |      |   |      | OXIDANTS |      |
|---------------------------------------|------------------------|------|--------|------|---------|------|----|------|--------|------|----------------|------|---|------|-----------------|------|---|------|----------|------|
|                                       | YR                     |      | ANNUAL |      | 24-HOUR |      | P  |      | ANNUAL |      | P              |      | P |      | P               |      | P |      | P        |      |
|                                       | #                      | STAs | #      | STAs | #       | STAs | #  | STAs | #      | STAs | #              | STAs | # | STAs | #               | STAs | # | STAs | #        | STAs |
| 157 UPPER RIO GRANDE VALLEY (N. MEX.) |                        |      |        |      |         |      |    |      |        |      |                |      |   |      |                 |      |   |      |          |      |
|                                       | 69                     | 1    | 0      | 0    | 1       | 0    | 0  | 0    | 0      | 0    | 0              | 0    | 0 | 0    | 0               | 0    | 0 | 0    | 0        | 0    |
|                                       | 70                     | 0    | 0      | 0    | 1       | 0    | 0  | 0    | 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 | 0    | 0        | 0    |
|                                       | 72                     | 2    | 0      | 0    | 4       | 0    | 0  | 0    | 0      | 0    | 0              | 0    | 0 | 0    | 0               | 0    | 0 | 0    | 0        | 0    |
|                                       | 73                     | 3    | 0      | 0    | 7       | 1    | 1  | 0    | 0      | 2    | 0              | 0    | 0 | 0    | 0               | 0    | 0 | 0    | 0        | 0    |
| 158 CENTRAL NEW YORK                  |                        |      |        |      |         |      |    |      |        |      |                |      |   |      |                 |      |   |      |          |      |
|                                       | 69                     | 1    | 11     | 10   | 27      | 14   | 2  | 2    | 0      | 2    | 0              | 0    | 0 | 0    | 0               | 0    | 0 | 0    | 0        | 0    |
|                                       | 70                     | 31   | 14     | 10   | 38      | 15   | 1  | 0    | 0      | 3    | 0              | 0    | 0 | 0    | 0               | 0    | 0 | 0    | 0        | 0    |
|                                       | 71                     | 33   | 18     | 9    | 38      | 20   | 4  | 2    | 0      | 4    | 0              | 0    | 1 | 0    | 1               | 0    | 1 | 1    | 1        | 1    |
|                                       | 72                     | 29   | 16     | 7    | 39      | 14   | 2  | 2    | 0      | 4    | 0              | 0    | 1 | 0    | 0               | 1    | 0 | 0    | 0        | 0    |
|                                       | 73                     | 37   | 11     | 6    | 47      | 12   | 3  | 0    | 0      | 12   | 0              | 0    | 3 | 0    | 2               | 0    | 2 | 3    | 3        | 3    |
| 159 CHAMPLAIN VALLEY (N.Y.-VT.)       |                        |      |        |      |         |      |    |      |        |      |                |      |   |      |                 |      |   |      |          |      |
|                                       | 69                     | 5    | 0      | 0    | 5       | 0    | 0  | 0    | 0      | 0    | 0              | 0    | 0 | 0    | 0               | 0    | 0 | 0    | 0        | 0    |
|                                       | 70                     | 4    | 0      | 0    | 5       | 1    | 0  | 0    | 0      | 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 | 0    | 0        | 0    |
|                                       | 72                     | 5    | 0      | 0    | 10      | 0    | 0  | 0    | 0      | 0    | 0              | 0    | 0 | 0    | 0               | 0    | 0 | 0    | 0        | 0    |
|                                       | 73                     | 8    | 0      | 0    | 18      | 2    | 0  | 0    | 0      | 1    | 0              | 0    | 0 | 0    | 0               | 0    | 0 | 0    | 1        | 1    |
| 160 GENESEE-FINGER LAKES (N.Y.)       |                        |      |        |      |         |      |    |      |        |      |                |      |   |      |                 |      |   |      |          |      |
|                                       | 69                     | 7    | 5      | 4    | 9       | 6    | 0  | 1    | 0      | 4    | 1              | 0    | 0 | 0    | 0               | 0    | 0 | 0    | 0        | 0    |
|                                       | 70                     | 9    | 4      | 3    | 11      | 3    | 0  | 4    | 1      | 6    | 0              | 0    | 0 | 0    | 0               | 0    | 0 | 0    | 0        | 0    |
|                                       | 71                     | 14   | 5      | 3    | 15      | 4    | 0  | 6    | 0      | 8    | 0              | 0    | 1 | 0    | 1               | 0    | 1 | 1    | 1        | 1    |
|                                       | 72                     | 17   | 5      | 3    | 20      | 3    | 0  | 9    | 0      | 10   | 0              | 0    | 1 | 0    | 0               | 0    | 0 | 0    | 0        | 0    |
|                                       | 73                     | 20   | 3      | 2    | 27      | 2    | 0  | 7    | 0      | 14   | 0              | 0    | 2 | 0    | 1               | 0    | 1 | 1    | 1        | 1    |
| 161 HUDSON VALLEY (N.Y.)              |                        |      |        |      |         |      |    |      |        |      |                |      |   |      |                 |      |   |      |          |      |
|                                       | 69                     | 27   | 13     | 4    | 28      | 9    | 1  | 3    | 2      | 3    | 0              | 0    | 0 | 0    | 0               | 0    | 0 | 0    | 0        | 0    |
|                                       | 70                     | 26   | 14     | 4    | 29      | 11   | 1  | 3    | 2      | 3    | 0              | 0    | 0 | 0    | 0               | 0    | 0 | 0    | 0        | 0    |
|                                       | 71                     | 24   | 14     | 6    | 31      | 9    | 3  | 3    | 0      | 6    | 0              | 0    | 3 | 0    | 1               | 0    | 0 | 0    | 0        | 0    |
|                                       | 72                     | 28   | 14     | 4    | 38      | 9    | 2  | 3    | 0      | 7    | 0              | 0    | 2 | 0    | 0               | 0    | 0 | 0    | 0        | 0    |
|                                       | 73                     | 32   | 15     | 7    | 39      | 11   | 4  | 2    | 1      | 12   | 0              | 0    | 3 | 0    | 1               | 0    | 1 | 3    | 3        | 3    |
| 162 NIAGARA FRONTIER (N.Y.)           |                        |      |        |      |         |      |    |      |        |      |                |      |   |      |                 |      |   |      |          |      |
|                                       | 69                     | 24   | 18     | 15   | 28      | 20   | 12 | 1    | 0      | 1    | 0              | 0    | 0 | 0    | 0               | 0    | 0 | 0    | 0        | 0    |
|                                       | 70                     | 27   | 21     | 17   | 29      | 19   | 7  | 1    | 1      | 4    | 1              | 0    | 0 | 0    | 0               | 0    | 0 | 0    | 0        | 0    |
|                                       | 71                     | 30   | 22     | 17   | 50      | 38   | 7  | 6    | 3      | 15   | 1              | 0    | 2 | 0    | 2               | 0    | 2 | 1    | 1        | 1    |
|                                       | 72                     | 43   | 31     | 21   | 48      | 23   | 4  | 7    | 2      | 14   | 1              | 0    | 2 | 0    | 2               | 0    | 2 | 1    | 1        | 1    |
|                                       | 73                     | 44   | 30     | 12   | 46      | 23   | 3  | 5    | 3      | 19   | 0              | 0    | 2 | 0    | 2               | 0    | 2 | 2    | 2        | 2    |

Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION             | SUSPENDED PARTICULATES |     |    |    |     |     |     |     |     |     | SULFUR DIOXIDE |             |       |      | CARBON MONOXIDE |     |      |         | OXIDANTS |     |     |   |         |         |     |
|--|------------------------|-----|----|----|-----|-----|-----|-----|-----|-----|----------------|-------------|-------|------|-----------------|-----|------|---------|----------|-----|-----|---|---------|---------|-----|
|  | YR                     | P   | #  | Y  | #   | Y   | #   | Y   | #   | Y   | #              | ANNUAL      | 24-HR | 3-HR | P               | #   | Y    | #       | P        | #   | Y   | # | Y       | #       |     |
| UC/CU-M:                               | T                      | (1) | 60 | 75 | (2) | 150 | 260 | PRI | STA | SEC | PRI            | R           | STA   | STD  | STD             | STD | 10*  | T       | (2)      | 40* | 10* | T | (2)     | 160     | .08 |
| P.P.M.:                                | Y                      | -   | -  | -  | -   | -   | -   | -   | -   | -   | -              | Y           | (1)   | 80   | (2)             | 365 | 1300 | Y       | (2)      | 35  | 9   | Y | (2)     | 160     | .08 |
| 163 SOUTHERN TIER EAST (N.Y.)          |                        |     |    |    |     |     |     |     |     |     |                |             |       |      |                 |     |      |         |          |     |     |   |         |         |     |
|  | III (3)                | 6   | 4  | 1  | 7   | 3   | 0   |     |     |     |                | III (3 + 1) | 0     | 0    | 0               | 0   | 0    | III (0) | 0        | 0   | 0   | 0 | III (0) | 0       | 0   |
| 69                                     | 6                      | 4   | 1  | 7  | 3   | 0   | 0   |     |     |     |                | 0           | 0     | 0    | 0               | 0   | 0    | 0       | 0        | 0   | 0   | 0 | 0       | 0       | 0   |
| 70                                     | 6                      | 2   | 1  | 6  | 2   | 0   | 0   |     |     |     |                | 0           | 0     | 0    | 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   | 0   | 0 | 0       | 0       | 0   |
| 72                                     | 6                      | 2   | 0  | 10 | 0   | 0   | 0   |     |     |     |                | 0           | 0     | 0    | 0               | 0   | 0    | 0       | 0        | 0   | 0   | 0 | 0       | 0       | 0   |
| 73                                     | 9                      | 0   | 0  | 14 | 1   | 0   | 0   |     |     |     |                | 0           | 0     | 0    | 0               | 0   | 0    | 0       | 0        | 0   | 0   | 0 | 0       | 0       | 0   |
| 164 SOUTHERN TIER WEST (N.Y.)          |                        |     |    |    |     |     |     |     |     |     |                |             |       |      |                 |     |      |         |          |     |     |   |         |         |     |
|  | III (3)                | 5   | 0  | 0  | 14  | 1   | 0   |     |     |     |                | III (3 + 1) | 0     | 0    | 0               | 0   | 0    | 0       | III (0)  | 0   | 0   | 0 | 0       | III (0) | 0   |
| 69                                     | 5                      | 0   | 0  | 14 | 1   | 0   | 0   |     |     |     |                | 0           | 0     | 0    | 0               | 0   | 0    | 0       | 0        | 0   | 0   | 0 | 0       | 0       | 0   |
| 70                                     | 13                     | 4   | 0  | 13 | 3   | 0   | 0   |     |     |     |                | 0           | 0     | 0    | 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   | 0   | 0 | 0       | 0       | 0   |
| 72                                     | 12                     | 4   | 1  | 19 | 5   | 0   | 0   |     |     |     |                | 0           | 0     | 0    | 0               | 0   | 0    | 0       | 0        | 0   | 0   | 0 | 0       | 0       | 0   |
| 73                                     | 17                     | 5   | 2  | 19 | 5   | 0   | 0   |     |     |     |                | 2           | 0     | 2    | 0               | 0   | 0    | 0       | 0        | 0   | 0   | 0 | 0       | 0       | 0   |
| 165 EASTERN MOUNTAIN (N.C.)            |                        |     |    |    |     |     |     |     |     |     |                |             |       |      |                 |     |      |         |          |     |     |   |         |         |     |
|  | I (7)                  | 0   | 0  | 0  | 0   | 0   | 0   |     |     |     |                | III (1 + 0) | 0     | 0    | 0               | 0   | 0    | 0       | III (0)  | 0   | 0   | 0 | 0       | III (0) | 0   |
| 69                                     | 0                      | 0   | 0  | 0  | 0   | 0   | 0   |     |     |     |                | 0           | 0     | 0    | 0               | 0   | 0    | 0       | 0        | 0   | 0   | 0 | 0       | 0       | 0   |
| 70                                     | 0                      | 0   | 0  | 0  | 0   | 0   | 0   |     |     |     |                | 0           | 0     | 0    | 0               | 0   | 0    | 0       | 0        | 0   | 0   | 0 | 0       | 0       | 0   |
| 71                                     | 0                      | 0   | 17 | 2  | 0   | 0   | 0   |     |     |     |                | 0           | 0     | 10   | 0               | 0   | 0    | 0       | 0        | 0   | 0   | 0 | 0       | 0       | 0   |
| 72                                     | 13                     | 3   | 2  | 28 | 5   | 1   | 1   |     |     |     |                | 1           | 0     | 18   | 0               | 0   | 0    | 0       | 0        | 0   | 0   | 0 | 0       | 0       | 0   |
| 73                                     | 0                      | 0   | 0  | 27 | 5   | 1   | 1   |     |     |     |                | 0           | 0     | 20   | 0               | 0   | 0    | 0       | 0        | 0   | 0   | 0 | 0       | 0       | 0   |
| 166 EASTERN PIEDMONT (N.C.)            |                        |     |    |    |     |     |     |     |     |     |                |             |       |      |                 |     |      |         |          |     |     |   |         |         |     |
|  | I (10)                 | 2   | 2  | 2  | 2   | 0   | 0   |     |     |     |                | III (1 + 0) | 0     | 0    | 0               | 0   | 0    | 0       | III (0)  | 0   | 0   | 0 | 0       | III (0) | 0   |
| 69                                     | 2                      | 2   | 2  | 2  | 2   | 0   | 0   |     |     |     |                | 0           | 0     | 1    | 0               | 0   | 0    | 0       | 0        | 0   | 0   | 0 | 0       | 0       | 0   |
| 70                                     | 1                      | 1   | 1  | 1  | 0   | 0   | 0   |     |     |     |                | 0           | 0     | 1    | 0               | 0   | 0    | 0       | 0        | 0   | 0   | 0 | 0       | 0       | 0   |
| 71                                     | 0                      | 3   | 0  | 3  | 0   | 0   | 0   |     |     |     |                | 0           | 0     | 3    | 0               | 0   | 0    | 0       | 0        | 0   | 0   | 0 | 0       | 0       | 0   |
| 72                                     | 13                     | 3   | 1  | 16 | 2   | 0   | 3   |     |     |     |                | 3           | 0     | 16   | 0               | 0   | 0    | 0       | 0        | 0   | 0   | 0 | 0       | 0       | 0   |
| 73                                     | 1                      | 1   | 1  | 17 | 6   | 1   | 1   |     |     |     |                | 1           | 0     | 17   | 0               | 0   | 0    | 0       | 0        | 0   | 0   | 0 | 0       | 0       | 0   |
| 167 METROPOLITAN CHARLOTTE (N.C.-S.C.) |                        |     |    |    |     |     |     |     |     |     |                |             |       |      |                 |     |      |         |          |     |     |   |         |         |     |
|  | I (10)                 | 5   | 4  | 22 | 11  | 0   | 0   |     |     |     |                | III (3 + 1) | 0     | 0    | 0               | 0   | 0    | 0       | III (0)  | 0   | 0   | 0 | 0       | I (3)   | 0   |
| 69                                     | 5                      | 4   | 22 | 11 | 0   | 0   | 0   |     |     |     |                | 0           | 0     | 0    | 0               | 0   | 0    | 0       | 0        | 0   | 0   | 0 | 0       | 0       | 0   |
| 70                                     | 8                      | 7   | 3  | 12 | 7   | 2   | 0   |     |     |     |                | 0           | 0     | 1    | 0               | 0   | 0    | 0       | 0        | 0   | 0   | 0 | 0       | 0       | 0   |
| 71                                     | 1                      | 1   | 0  | 27 | 9   | 1   | 1   |     |     |     |                | 0           | 0     | 6    | 0               | 0   | 0    | 0       | 0        | 0   | 0   | 0 | 0       | 0       | 0   |
| 72                                     | 24                     | 13  | 4  | 49 | 18  | 1   | 12  |     |     |     |                | 12          | 0     | 32   | 1               | 0   | 0    | 0       | 0        | 0   | 0   | 0 | 0       | 0       | 0   |
| 73                                     | 6                      | 1   | 0  | 45 | 8   | 1   | 3   |     |     |     |                | 3           | 0     | 34   | 1               | 0   | 2    | 0       | 2        | 0   | 1   | 3 | 3       | 3       | 3   |
| 168 NORTHERN COASTAL PLAIN (N.C.)      |                        |     |    |    |     |     |     |     |     |     |                |             |       |      |                 |     |      |         |          |     |     |   |         |         |     |
|  | I (6)                  | 1   | 0  | 0  | 1   | 1   | 0   |     |     |     |                | III (1 + 0) | 0     | 0    | 0               | 0   | 0    | 0       | III (0)  | 0   | 0   | 0 | 0       | III (0) | 0   |
| 69                                     | 1                      | 0   | 0  | 1  | 1   | 0   | 0   |     |     |     |                | 0           | 0     | 0    | 0               | 0   | 0    | 0       | 0        | 0   | 0   | 0 | 0       | 0       | 0   |
| 70                                     | 1                      | 1   | 1  | 1  | 1   | 0   | 0   |     |     |     |                | 0           | 0     | 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   | 0   | 0 | 0       | 0       | 0   |
| 72                                     | 3                      | 0   | 0  | 14 | 1   | 0   | 2   |     |     |     |                | 2           | 0     | 14   | 0               | 0   | 0    | 0       | 0        | 0   | 0   | 0 | 0       | 0       | 0   |
| 73                                     | 0                      | 0   | 0  | 11 | 1   | 0   | 1   |     |     |     |                | 1           | 0     | 12   | 0               | 0   | 0    | 0       | 0        | 0   | 0   | 0 | 0       | 0       | 0   |

Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION                | SUSPENDED PARTICULATES |     |     |     | SULFUR DIOXIDE |         |        |           | CARBON MONOXIDE |      |      |      | OXIDANTS |     |     |         |   |
|---|------------------------|-----|-----|-----|----------------|---------|--------|-----------|-----------------|------|------|------|----------|-----|-----|---------|---|
|   | YR                     | P   | #   | #>  | ANNUAL         | 24-HOUR | ANNUAL | 24-HOUR   | 3-HR            | 1-HR | 8-HR | 1-HR | 1-HR     | P   | #   | #>      |   |
|   | R                      | STA | SEC | PRI | STA            | SEC     | PRI    | STA       | SEC             | STD  | STD  | STD  | STA      | STD | 10* | Y       | T |
| JG/CU.M:                                  | T                      | (1) | 60  | 75  | (2)            | 150     | 260    | (1)       | 80              | (2)  | 365  | 1300 | (2)      | 40* | 10* | Y       | T |
| P.P.M.:                                   | Y                      | -   | -   | -   | -              | -       | -      | .03       | .14             | .50  | .35  | 9    | Y        | 9   | Y   | T       |   |
| 169 SANDHILLS (N.C.)                      |                        |     |     |     |                |         |        |           |                 |      |      |      |          |     |     |         |   |
|   | III (3)                | 0   | 0   | 0   | 0              | 0       | 0      | III (1+0) | 0               | 0    | 0    | 0    | III (0)  | 0   | 0   | III (0) | 0 |
| 69  | 0                      | 0   | 0   | 0   | 0              | 0       | 0      | 0         | 0               | 0    | 0    | 0    | 0        | 0   | 0   | 0       | 0 |
| 70  | 0                      | 0   | 0   | 0   | 0              | 0       | 0      | 0         | 0               | 0    | 0    | 0    | 0        | 0   | 0   | 0       | 0 |
| 71  | 0                      | 0   | 0   | 0   | 3              | 0       | 0      | 0         | 0               | 3    | 0    | 0    | 0        | 0   | 0   | 0       | 0 |
| 72  | 6                      | 2   | 0   | 0   | 8              | 1       | 0      | 5         | 0               | 7    | 0    | 0    | 0        | 0   | 0   | 0       | 0 |
| 73  | 0                      | 0   | 0   | 0   | 9              | 1       | 0      | 0         | 0               | 8    | 0    | 0    | 0        | 0   | 0   | 0       | 0 |
| 170 SOUTHERN COASTAL PLAIN (N.C.)         |                        |     |     |     |                |         |        |           |                 |      |      |      |          |     |     |         |   |
|   | III (3)                | 0   | 0   | 0   | 0              | 0       | 0      | III (1+0) | 0               | 0    | 0    | 0    | III (0)  | 0   | 0   | III (0) | 0 |
| 69  | 0                      | 0   | 0   | 0   | 0              | 0       | 0      | 0         | 0               | 0    | 0    | 0    | 0        | 0   | 0   | 0       | 0 |
| 70  | 0                      | 0   | 0   | 0   | 0              | 0       | 0      | 0         | 0               | 0    | 0    | 0    | 0        | 0   | 0   | 0       | 0 |
| 71  | 0                      | 0   | 0   | 0   | 8              | 0       | 0      | 0         | 0               | 8    | 0    | 0    | 0        | 0   | 0   | 0       | 0 |
| 72  | 14                     | 2   | 1   | 1   | 17             | 3       | 1      | 7         | 0               | 15   | 0    | 0    | 0        | 0   | 0   | 0       | 0 |
| 73  | 0                      | 0   | 0   | 0   | 14             | 3       | 1      | 0         | 0               | 13   | 0    | 0    | 0        | 0   | 0   | 0       | 0 |
| 171 WESTERN MOUNTAIN (N.C.)               |                        |     |     |     |                |         |        |           |                 |      |      |      |          |     |     |         |   |
|   | I (6)                  | 0   | 0   | 0   | 0              | 0       | 0      | III (1+0) | 0               | 0    | 0    | 0    | III (0)  | 0   | 0   | III (0) | 0 |
| 69  | 0                      | 0   | 0   | 0   | 0              | 0       | 0      | 0         | 0               | 0    | 0    | 0    | 0        | 0   | 0   | 0       | 0 |
| 70  | 0                      | 0   | 0   | 0   | 0              | 0       | 0      | 0         | 0               | 0    | 0    | 0    | 0        | 0   | 0   | 0       | 0 |
| 71  | 0                      | 0   | 0   | 0   | 9              | 3       | 1      | 0         | 0               | 6    | 0    | 0    | 0        | 0   | 0   | 0       | 0 |
| 72  | 7                      | 4   | 3   | 2   | 26             | 13      | 4      | 1         | 0               | 16   | 0    | 0    | 0        | 0   | 0   | 0       | 0 |
| 73  | 0                      | 0   | 0   | 0   | 24             | 9       | 4      | 0         | 0               | 12   | 0    | 0    | 0        | 0   | 0   | 1       | 1 |
| 172 NORTH DAKOTA (REMAINDER)              |                        |     |     |     |                |         |        |           |                 |      |      |      |          |     |     |         |   |
|   | III (3)                | 2   | 2   | 0   | 4              | 2       | 0      | III (1+0) | 0               | 0    | 0    | 0    | III (0)  | 0   | 0   | III (0) | 0 |
| 69  | 2                      | 2   | 0   | 0   | 4              | 2       | 0      | 0         | 0               | 0    | 0    | 0    | 0        | 0   | 0   | 0       | 0 |
| 70  | 7                      | 2   | 1   | 0   | 9              | 3       | 0      | 0         | 0               | 0    | 0    | 0    | 0        | 0   | 0   | 0       | 0 |
| 71  | 1                      | 1   | 0   | 0   | 2              | 0       | 0      | 0         | 0               | 0    | 0    | 0    | 0        | 0   | 0   | 0       | 0 |
| 72  | 11                     | 3   | 2   | 1   | 13             | 5       | 2      | 0         | 0               | 0    | 0    | 0    | 0        | 0   | 0   | 0       | 0 |
| 73  | 11                     | 2   | 1   | 1   | 13             | 4       | 1      | 0         | 0               | 0    | 0    | 0    | 0        | 0   | 0   | 0       | 0 |
| 173 DAYTON (OHIO)                         |                        |     |     |     |                |         |        |           |                 |      |      |      |          |     |     |         |   |
|   | I (10)                 | 2   | 2   | 2   | 2              | 2       | 0      | II (3+1)  | 1               | 0    | 1    | 0    | III (0)  | 0   | 0   | I (3)   | 0 |
| 69  | 2                      | 2   | 2   | 0   | 2              | 2       | 0      | 1         | 0               | 1    | 0    | 0    | 0        | 0   | 0   | 0       | 0 |
| 70  | 1                      | 1   | 1   | 0   | 1              | 1       | 0      | 1         | 0               | 1    | 0    | 0    | 0        | 0   | 0   | 0       | 0 |
| 71  | 1                      | 1   | 1   | 0   | 1              | 1       | 0      | 1         | 0               | 1    | 0    | 0    | 1        | 0   | 1   | 0       | 0 |
| 72  | 16                     | 10  | 5   | 2   | 22             | 7       | 0      | 5         | 0               | 13   | 0    | 0    | 0        | 0   | 0   | 0       | 0 |
| 73  | 0                      | 0   | 0   | 0   | 25             | 5       | 1      | 0         | 0               | 14   | 1    | 0    | 1        | 0   | 1   | 2       | 1 |
| 174 GREATER METROPOLITAN CLEVELAND (OHIO) |                        |     |     |     |                |         |        |           |                 |      |      |      |          |     |     |         |   |
|   | I (16)                 | 23  | 23  | 22  | 24             | 23      | 8      | I (11+6)  | 13              | 5    | 14   | 1    | 0        | 0   | 0   | I (6)   | 0 |
| 69  | 23                     | 23  | 22  | 22  | 24             | 23      | 8      | 13        | 5               | 14   | 1    | 0    | 0        | 0   | 0   | 0       | 0 |
| 70  | 2                      | 2   | 2   | 0   | 6              | 5       | 0      | 3         | 0               | 5    | 0    | 0    | 0        | 0   | 0   | 0       | 0 |
| 71  | 33                     | 33  | 32  | 44  | 41             | 12      | 0      | 21        | 5               | 28   | 1    | 0    | 0        | 0   | 0   | 1       | 1 |
| 72  | 30                     | 29  | 21  | 54  | 32             | 7       | 0      | 19        | 6               | 36   | 1    | 0    | 2        | 2   | 1   | 1       | 1 |
| 73  | 52                     | 41  | 19  | 82  | 45             | 14      | 0      | 27        | 0               | 46   | 0    | 0    | 1        | 0   | 4   | 4       | 2 |

Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| CITY<br>COUNTY<br>REGION                           | SUSPENDED PARTICULATES |    |   |    | SULFUR DIOXIDE |       |        |       | CARBON MONOXIDE |   |   |    | OXIDANTS |       |      |   |   |    |        |       |      |   |   |    |   |
|--|------------------------|----|---|----|----------------|-------|--------|-------|-----------------|---|---|----|----------|-------|------|---|---|----|--------|-------|------|---|---|----|---|
|  | YR                     | P  | # | ST | ANNUAL         | 24-HR | ANNUAL | 24-HR | 3-HR            | P | # | ST | ANNUAL   | 24-HR | 3-HR | P | # | ST | ANNUAL | 24-HR | 3-HR | P | # | ST |   |
| 175 MANSFIELD-MARION (OHIO)                        | 69                     | 0  | 0 | 0  | 0              | 0     | 0      | 0     | 0               | 0 | 0 | 0  | 0        | 0     | 0    | 0 | 0 | 0  | 0      | 0     | 0    | 0 | 0 | 0  | 0 |
|  | 70                     | 0  | 0 | 0  | 0              | 0     | 0      | 0     | 0               | 0 | 0 | 0  | 0        | 0     | 0    | 0 | 0 | 0  | 0      | 0     | 0    | 0 | 0 | 0  | 0 |
|  | 71                     | 1  | 1 | 1  | 1              | 1     | 1      | 1     | 1               | 1 | 1 | 1  | 1        | 1     | 1    | 1 | 1 | 1  | 1      | 1     | 1    | 1 | 1 | 1  | 1 |
|  | 72                     | 2  | 2 | 2  | 2              | 2     | 2      | 2     | 2               | 2 | 2 | 2  | 2        | 2     | 2    | 2 | 2 | 2  | 2      | 2     | 2    | 2 | 2 | 2  | 2 |
|  | 73                     | 1  | 0 | 0  | 3              | 2     | 1      | 1     | 0               | 1 | 0 | 0  | 0        | 0     | 0    | 0 | 0 | 0  | 0      | 0     | 0    | 0 | 0 | 0  | 0 |
| 176 METROPOLITAN COLUMBUS (OHIO)                   | 69                     | 1  | 1 | 1  | 1              | 1     | 1      | 1     | 1               | 1 | 1 | 1  | 1        | 1     | 1    | 1 | 1 | 1  | 1      | 1     | 1    | 1 | 1 | 1  | 1 |
|  | 70                     | 1  | 1 | 1  | 1              | 1     | 1      | 1     | 1               | 1 | 1 | 1  | 1        | 1     | 1    | 1 | 1 | 1  | 1      | 1     | 1    | 1 | 1 | 1  | 1 |
|  | 71                     | 1  | 1 | 1  | 1              | 1     | 1      | 1     | 1               | 1 | 1 | 1  | 1        | 1     | 1    | 1 | 1 | 1  | 1      | 1     | 1    | 1 | 1 | 1  | 1 |
|  | 72                     | 2  | 2 | 2  | 2              | 2     | 2      | 2     | 2               | 2 | 2 | 2  | 2        | 2     | 2    | 2 | 2 | 2  | 2      | 2     | 2    | 2 | 2 | 2  | 2 |
|  | 73                     | 0  | 0 | 0  | 13             | 4     | 1      | 0     | 0               | 1 | 0 | 0  | 0        | 0     | 0    | 1 | 0 | 1  | 0      | 0     | 0    | 0 | 0 | 0  | 0 |
| 177 NORTHWEST OHIO                                 | 69                     | 0  | 0 | 0  | 0              | 0     | 0      | 0     | 0               | 0 | 0 | 0  | 0        | 0     | 0    | 0 | 0 | 0  | 0      | 0     | 0    | 0 | 0 | 0  | 0 |
|  | 70                     | 0  | 0 | 0  | 0              | 0     | 0      | 0     | 0               | 0 | 0 | 0  | 0        | 0     | 0    | 0 | 0 | 0  | 0      | 0     | 0    | 0 | 0 | 0  | 0 |
|  | 71                     | 0  | 0 | 0  | 0              | 0     | 0      | 0     | 0               | 0 | 0 | 0  | 0        | 0     | 0    | 0 | 0 | 0  | 0      | 0     | 0    | 0 | 0 | 0  | 0 |
|  | 72                     | 0  | 0 | 0  | 0              | 0     | 0      | 0     | 0               | 0 | 0 | 0  | 0        | 0     | 0    | 0 | 0 | 0  | 0      | 0     | 0    | 0 | 0 | 0  | 0 |
|  | 73                     | 0  | 0 | 0  | 0              | 0     | 0      | 0     | 0               | 0 | 0 | 0  | 0        | 0     | 0    | 0 | 0 | 0  | 0      | 0     | 0    | 0 | 0 | 0  | 0 |
| 178 NORTHWEST PENNSYLVANIA-YOUNGSTOWN (OHIO-PENN.) | 69                     | 4  | 2 | 1  | 4              | 2     | 1      | 2     | 1               | 2 | 1 | 2  | 1        | 2     | 1    | 2 | 1 | 2  | 1      | 2     | 1    | 2 | 1 | 2  | 1 |
|  | 70                     | 3  | 2 | 2  | 3              | 2     | 1      | 1     | 0               | 2 | 0 | 0  | 0        | 0     | 0    | 0 | 0 | 0  | 0      | 0     | 0    | 0 | 0 | 0  | 0 |
|  | 71                     | 3  | 2 | 1  | 3              | 1     | 0      | 2     | 0               | 2 | 0 | 0  | 0        | 0     | 0    | 0 | 0 | 0  | 0      | 0     | 0    | 0 | 0 | 0  | 0 |
|  | 72                     | 10 | 7 | 7  | 10             | 7     | 2      | 2     | 0               | 2 | 0 | 0  | 0        | 0     | 0    | 0 | 0 | 0  | 0      | 0     | 0    | 0 | 0 | 0  | 0 |
|  | 73                     | 2  | 1 | 1  | 10             | 5     | 2      | 1     | 0               | 2 | 0 | 0  | 0        | 0     | 0    | 0 | 0 | 0  | 0      | 0     | 0    | 0 | 0 | 0  | 0 |
| 179 PARKERSBURG-MARIETTA (OHIO-W.VA.)              | 69                     | 0  | 0 | 0  | 0              | 0     | 0      | 0     | 0               | 0 | 0 | 0  | 0        | 0     | 0    | 0 | 0 | 0  | 0      | 0     | 0    | 0 | 0 | 0  | 0 |
|  | 70                     | 0  | 0 | 0  | 0              | 0     | 0      | 0     | 0               | 0 | 0 | 0  | 0        | 0     | 0    | 0 | 0 | 0  | 0      | 0     | 0    | 0 | 0 | 0  | 0 |
|  | 71                     | 0  | 0 | 0  | 2              | 2     | 0      | 0     | 0               | 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 | 0  | 0      | 0     | 0    | 0 | 0 | 0  | 0 |
|  | 73                     | 0  | 0 | 0  | 3              | 0     | 0      | 0     | 0               | 0 | 0 | 0  | 0        | 0     | 0    | 0 | 0 | 0  | 0      | 0     | 0    | 0 | 0 | 0  | 0 |
| 180 SANDUSKY (OHIO)                                | 69                     | 0  | 0 | 0  | 0              | 0     | 0      | 0     | 0               | 0 | 0 | 0  | 0        | 0     | 0    | 0 | 0 | 0  | 0      | 0     | 0    | 0 | 0 | 0  | 0 |
|  | 70                     | 0  | 0 | 0  | 0              | 0     | 0      | 0     | 0               | 0 | 0 | 0  | 0        | 0     | 0    | 0 | 0 | 0  | 0      | 0     | 0    | 0 | 0 | 0  | 0 |
|  | 71                     | 0  | 0 | 0  | 0              | 0     | 0      | 0     | 0               | 0 | 0 | 0  | 0        | 0     | 0    | 0 | 0 | 0  | 0      | 0     | 0    | 0 | 0 | 0  | 0 |
|  | 72                     | 0  | 0 | 0  | 0              | 0     | 0      | 0     | 0               | 0 | 0 | 0  | 0        | 0     | 0    | 0 | 0 | 0  | 0      | 0     | 0    | 0 | 0 | 0  | 0 |
|  | 73                     | 0  | 0 | 0  | 0              | 0     | 0      | 0     | 0               | 0 | 0 | 0  | 0        | 0     | 0    | 0 | 0 | 0  | 0      | 0     | 0    | 0 | 0 | 0  | 0 |

Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

AIR QUALITY CONTROL REGION

SUSPENDED PARTICULATES

ANNUAL 24-HOUR

YR P # STA SEC PRI STA SEC PRI P # STA SEC PRI STA SEC PRI P # STA SEC PRI STA SEC PRI

181 STEUBENVILLE-WHEATON-WHEELING (OHIO-M.V.A.)

| YR | P       | # | STA | SEC | PRI | STA | SEC | PRI | STA | SEC | PRI | P           | # | STA | SEC | PRI | STA | SEC | PRI | P | # | STA | SEC | PRI | STA | SEC | PRI | P | # | STA | SEC | PRI | STA | SEC | PRI |   |   |   |   |   |
|----|---------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|---|-----|-----|-----|-----|-----|-----|---|---|-----|-----|-----|-----|-----|-----|---|---|-----|-----|-----|-----|-----|-----|---|---|---|---|---|
| 69 | I ( 7 ) | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | I ( 5 + 2 ) | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 |   |   |   |
| 70 |         | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |             | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 |   |   |
| 71 |         | 1 | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |             | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 |   |
| 72 |         | 6 | 6   | 6   | 6   | 6   | 6   | 6   | 6   | 6   | 6   |             | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 | 0 |
| 73 |         | 1 | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |             | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 | 0 |

182 WILMINGTON-CHILLICOTHE-LOGAN (OHIO)

|    |           |   |   |   |   |   |   |   |   |   |   |               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----|-----------|---|---|---|---|---|---|---|---|---|---|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69 | III ( 1 ) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | III ( 1 + 0 ) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
| 70 |           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 71 |           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72 |           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73 |           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

183 ZANESVILLE-CAMBRIDGE (OHIO)

|    |          |   |   |   |   |   |   |   |   |   |   |              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----|----------|---|---|---|---|---|---|---|---|---|---|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69 | II ( 3 ) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | IA ( 3 + 1 ) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 70 |          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 71 |          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72 |          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73 |          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

184 CENTRAL OKLAHOMA

|    |         |    |    |   |    |    |    |   |   |    |   |               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----|---------|----|----|---|----|----|----|---|---|----|---|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69 | I ( 9 ) | 1  | 1  | 3 | 12 | 5  | 2  | 0 | 0 | 0  | 0 | III ( 1 + 0 ) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70 |         | 12 | 10 | 3 | 26 | 24 | 14 | 0 | 0 | 0  | 0 |               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 71 |         | 15 | 8  | 2 | 33 | 23 | 6  | 0 | 0 | 0  | 0 |               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72 |         | 8  | 1  | 0 | 28 | 12 | 2  | 1 | 0 | 9  | 1 |               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73 |         | 18 | 7  | 4 | 26 | 13 | 2  | 8 | 0 | 10 | 0 |               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |

185 NORTH CENTRAL OKLAHOMA

|    |           |   |   |   |   |   |   |   |   |   |   |               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----|-----------|---|---|---|---|---|---|---|---|---|---|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69 | III ( 1 ) | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | III ( 1 + 0 ) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70 |           | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 71 |           | 1 | 0 | 0 | 5 | 1 | 0 | 0 | 0 | 0 | 0 |               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72 |           | 1 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 |               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73 |           | 2 | 1 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

186 NORTH-EASTERN OKLAHOMA

|    |         |    |   |   |    |    |   |   |   |   |   |               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----|---------|----|---|---|----|----|---|---|---|---|---|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69 | I ( 9 ) | 2  | 0 | 0 | 4  | 2  | 0 | 1 | 0 | 0 | 0 | III ( 1 + 0 ) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70 |         | 2  | 1 | 0 | 9  | 3  | 1 | 0 | 0 | 1 | 0 |               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 71 |         | 12 | 8 | 5 | 19 | 14 | 4 | 1 | 0 | 3 | 1 |               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72 |         | 13 | 7 | 1 | 25 | 11 | 2 | 3 | 0 | 6 | 2 |               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73 |         | 15 | 6 | 2 | 26 | 9  | 1 | 2 | 0 | 7 | 0 |               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



Table 3-3. NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION     | SUSPENDED PARTICULATES |     |      |     |        |         |     |    | SULFUR DIOXIDE |     |     |     | CARBON MONOXIDE |     |     |     | OXIDANTS |     |      |     |   |      |      |     |     |     |      |     |   |   |   |   |   |
|--------------------------------|------------------------|-----|------|-----|--------|---------|-----|----|----------------|-----|-----|-----|-----------------|-----|-----|-----|----------|-----|------|-----|---|------|------|-----|-----|-----|------|-----|---|---|---|---|---|
|                                | YR                     | P   | #    | # > | ANNUAL | 24-HOUR | # > | #  | R              | STA | SEC | PPI | 24-HR           | # > | STD | R   | STA      | STD | 1300 | 10* | 9 | 1-HR | 8-HR | # > | STD | 160 | 1-HR | # > |   |   |   |   |   |
| 193 PORTLAND (CRE-WASH)        |                        |     |      |     |        |         |     |    |                |     |     |     |                 |     |     |     |          |     |      |     |   |      |      |     |     |     |      |     |   |   |   |   |   |
|                                | 69                     | I   | (12) | 3   | 3      | 0       | 5   | 4  | 0              | 0   | 0   | 0   | 0               | 0   | 0   | I   | (4)      | 1   | 1    | 1   | 1 | 1    | 1    | 1   | 1   | 1   | 1    | 1   | 1 |   |   |   |   |
|                                | 70                     |     |      | 1   | 1      | 1       | 3   | 1  | 0              | 0   | 0   | 0   | 0               | 0   | 0   |     |          | 0   | 0    | 0   | 0 | 0    | 0    | 0   | 0   | 0   | 0    | 0   | 0 |   |   |   |   |
|                                | 71                     |     |      | 5   | 1      | 0       | 7   | 3  | 0              | 1   | 0   | 2   | 0               | 0   | 0   |     |          | 2   | 0    | 0   | 0 | 0    | 0    | 0   | 0   | 1   | 1    | 1   | 1 |   |   |   |   |
|                                | 72                     |     |      | 5   | 4      | 1       | 40  | 15 | 1              | 2   | 0   | 3   | 0               | 0   | 0   |     |          | 4   | 0    | 0   | 2 | 0    | 0    | 2   | 2   | 2   | 2    | 2   | 2 |   |   |   |   |
|                                | 73                     |     |      | 7   | 2      | 0       | 68  | 9  | 0              | 0   | 0   | 9   | 0               | 0   | 0   |     |          | 6   | 0    | 0   | 4 | 0    | 0    | 4   | 0   | 4   | 0    | 4   | 0 |   |   |   |   |
| 194 SOUTHWEST OREGON           |                        |     |      |     |        |         |     |    |                |     |     |     |                 |     |     |     |          |     |      |     |   |      |      |     |     |     |      |     |   |   |   |   |   |
|                                | 69                     | III | (3)  | 4   | 3      | 3       | 9   | 5  | 0              | 0   | 0   | 0   | 0               | 0   | 0   | III | (0)      | 0   | 0    | 0   | 0 | 0    | 0    | 0   | 0   | 0   | 0    | 0   | 0 | 0 |   |   |   |
|                                | 70                     |     |      | 1   | 0      | 0       | 2   | 1  | 0              | 0   | 0   | 0   | 0               | 0   | 0   |     |          | 0   | 0    | 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 | 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 | 0    | 0    | 0   | 0   | 0   | 0    | 0   | 0 | 0 | 0 |   |   |
|                                | 73                     |     |      | 0   | 0      | 0       | 6   | 0  | 0              | 0   | 0   | 1   | 0               | 0   | 0   |     |          | 0   | 0    | 0   | 0 | 0    | 0    | 0   | 0   | 0   | 0    | 0   | 0 | 0 | 0 |   |   |
| 195 CENTRAL PENNSYLVANIA       |                        |     |      |     |        |         |     |    |                |     |     |     |                 |     |     |     |          |     |      |     |   |      |      |     |     |     |      |     |   |   |   |   |   |
|                                | 69                     | I   | (10) | 3   | 3      | 3       | 18  | 12 | 1              | 1   | 0   | 1   | 0               | 0   | 0   | III | (0)      | 0   | 0    | 0   | 0 | 0    | 0    | 0   | 0   | 0   | 0    | 0   | 0 | 0 | 0 |   |   |
|                                | 70                     |     |      | 3   | 3      | 3       | 3   | 3  | 1              | 1   | 0   | 1   | 0               | 0   | 0   |     |          | 0   | 0    | 0   | 0 | 0    | 0    | 0   | 0   | 0   | 0    | 0   | 0 | 0 | 0 | 0 |   |
|                                | 71                     |     |      | 2   | 2      | 1       | 3   | 2  | 0              | 0   | 0   | 1   | 0               | 0   | 0   |     |          | 0   | 0    | 0   | 0 | 0    | 0    | 0   | 0   | 0   | 0    | 0   | 0 | 0 | 0 | 0 |   |
|                                | 72                     |     |      | 8   | 7      | 5       | 8   | 5  | 1              | 0   | 0   | 0   | 0               | 0   | 0   |     |          | 0   | 0    | 0   | 0 | 0    | 0    | 0   | 0   | 0   | 0    | 0   | 0 | 0 | 0 | 0 |   |
|                                | 73                     |     |      | 2   | 2      | 2       | 8   | 3  | 1              | 0   | 0   | 0   | 0               | 0   | 0   |     |          | 0   | 0    | 0   | 0 | 0    | 0    | 0   | 0   | 0   | 0    | 0   | 0 | 0 | 0 | 0 |   |
| 196 SOUTH CENTRAL PENNSYLVANIA |                        |     |      |     |        |         |     |    |                |     |     |     |                 |     |     |     |          |     |      |     |   |      |      |     |     |     |      |     |   |   |   |   |   |
|                                | 69                     | I   | (11) | 2   | 2      | 1       | 2   | 1  | 0              | 0   | 0   | 1   | 0               | 0   | 0   | III | (0)      | 0   | 0    | 0   | 0 | 0    | 0    | 0   | 0   | 0   | 0    | 0   | 0 | 0 | 0 | 0 |   |
|                                | 70                     |     |      | 2   | 2      | 2       | 4   | 4  | 0              | 1   | 0   | 2   | 0               | 0   | 0   |     |          | 0   | 0    | 0   | 0 | 0    | 0    | 0   | 0   | 0   | 0    | 0   | 0 | 0 | 0 | 0 |   |
|                                | 71                     |     |      | 2   | 2      | 2       | 3   | 1  | 0              | 1   | 0   | 1   | 0               | 0   | 0   |     |          | 0   | 0    | 0   | 0 | 0    | 0    | 0   | 0   | 0   | 0    | 0   | 0 | 0 | 0 | 0 | 0 |
|                                | 72                     |     |      | 20  | 15     | 11      | 22  | 13 | 3              | 0   | 0   | 2   | 0               | 0   | 0   |     |          | 0   | 0    | 0   | 0 | 0    | 0    | 0   | 0   | 0   | 0    | 0   | 0 | 0 | 0 | 0 | 0 |
|                                | 73                     |     |      | 2   | 2      | 1       | 22  | 7  | 0              | 0   | 0   | 2   | 0               | 0   | 0   |     |          | 0   | 0    | 0   | 0 | 0    | 0    | 0   | 0   | 0   | 0    | 0   | 0 | 0 | 0 | 0 |   |
| 197 SOUTHWEST PENNSYLVANIA     |                        |     |      |     |        |         |     |    |                |     |     |     |                 |     |     |     |          |     |      |     |   |      |      |     |     |     |      |     |   |   |   |   |   |
|                                | 69                     | I   | (15) | 1   | 1      | 1       | 1   | 1  | 1              | 1   | 0   | 1   | 0               | 0   | 0   | I   | (5)      | 1   | 1    | 1   | 1 | 1    | 1    | 1   | 1   | 1   | 1    | 1   | 1 | 1 | 1 | 1 |   |
|                                | 70                     |     |      | 1   | 1      | 1       | 1   | 1  | 1              | 1   | 0   | 1   | 0               | 0   | 0   |     |          | 0   | 0    | 0   | 0 | 0    | 0    | 0   | 0   | 0   | 0    | 0   | 0 | 0 | 0 | 0 |   |
|                                | 71                     |     |      | 0   | 0      | 0       | 1   | 1  | 0              | 1   | 0   | 1   | 0               | 0   | 0   |     |          | 0   | 0    | 0   | 0 | 0    | 0    | 0   | 0   | 0   | 0    | 0   | 0 | 0 | 0 | 0 | 0 |
|                                | 72                     |     |      | 13  | 13     | 12      | 14  | 13 | 4              | 2   | 0   | 3   | 0               | 0   | 0   |     |          | 0   | 0    | 0   | 0 | 0    | 0    | 0   | 0   | 0   | 0    | 0   | 0 | 0 | 0 | 0 | 0 |
|                                | 73                     |     |      | 1   | 1      | 1       | 33  | 24 | 8              | 0   | 0   | 10  | 2               | 1   | 0   |     |          | 1   | 1    | 1   | 1 | 1    | 1    | 1   | 1   | 1   | 1    | 1   | 1 | 1 | 1 | 1 |   |
| 198 CAMDEN-SUMPTER (S.C.)      |                        |     |      |     |        |         |     |    |                |     |     |     |                 |     |     |     |          |     |      |     |   |      |      |     |     |     |      |     |   |   |   |   |   |
|                                | 69                     | III | (3)  | 0   | 0      | 0       | 0   | 0  | 0              | 0   | 0   | 0   | 0               | 0   | 0   | III | (0)      | 0   | 0    | 0   | 0 | 0    | 0    | 0   | 0   | 0   | 0    | 0   | 0 | 0 | 0 | 0 |   |
|                                | 70                     |     |      | 0   | 0      | 0       | 0   | 0  | 0              | 0   | 0   | 0   | 0               | 0   | 0   |     |          | 0   | 0    | 0   | 0 | 0    | 0    | 0   | 0   | 0   | 0    | 0   | 0 | 0 | 0 | 0 |   |
|                                | 71                     |     |      | 1   | 0      | 0       | 3   | 0  | 0              | 2   | 0   | 0   | 0               | 0   | 0   |     |          | 0   | 0    | 0   | 0 | 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 | 0    | 0    | 0   | 0   | 0   | 0    | 0   | 0 | 0 | 0 | 0 | 0 |
|                                | 73                     |     |      | 4   | 1      | 0       | 4   | 0  | 0              | 2   | 0   | 2   | 0               | 0   | 0   |     |          | 2   | 0    | 0   | 0 | 0    | 0    | 0   | 0   | 0   | 0    | 0   | 0 | 0 | 0 | 0 | 0 |

Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION        | SUSPENDED PARTICULATES |     |     |     |     |     |     |     |     |     |     |     |     |     | SULFUR DIOXIDE |     |     |     |     |     | CARBON MONOXIDE |     |     |     |     |     | OXIDANTS |  |
|-----------------------------------|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------|-----|-----|-----|-----|-----|-----------------|-----|-----|-----|-----|-----|----------|--|
|                                   | YR                     |     | P   |     | #   |     | #   |     | #   |     | P   |     | R   |     | Y              |     | P   |     | R   |     | Y               |     | P   |     | Y   |     |          |  |
|                                   | (1)                    | (2) | (1) | (2) | (1) | (2) | (1) | (2) | (1) | (2) | (1) | (2) | (1) | (2) | (1)            | (2) | (1) | (2) | (1) | (2) | (1)             | (2) | (1) | (2) | (1) | (2) |          |  |
| 199 CHARLESTON (S.C.)             | 69                     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   |          |  |
|                                   | 70                     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   |          |  |
|                                   | 71                     | 3   | 2   | 2   | 2   | 5   | 2   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   |          |  |
|                                   | 72                     | 5   | 3   | 2   | 2   | 13  | 8   | 4   | 0   | 0   | 3   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   | 0   |          |  |
| 73                                | 4                      | 2   | 2   | 2   | 9   | 3   | 2   | 2   | 0   | 10  | 0   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   |     |          |  |
| 200 COLUMBIA (S.C.)               | 69                     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   |     |          |  |
|                                   | 70                     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   |     |          |  |
|                                   | 71                     | 3   | 1   | 1   | 1   | 11  | 0   | 0   | 1   | 0   | 1   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   |     |          |  |
|                                   | 72                     | 10  | 4   | 0   | 12  | 3   | 0   | 0   | 6   | 0   | 7   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   |     |          |  |
| 73                                | 9                      | 4   | 1   | 13  | 2   | 0   | 0   | 6   | 0   | 9   | 0   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 1   | 0   |     |          |  |
| 201 FLORENCE (S.C.)               | 69                     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   |     |          |  |
|                                   | 70                     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   |     |          |  |
|                                   | 71                     | 1   | 0   | 0   | 1   | 0   | 0   | 0   | 1   | 0   | 1   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   |     |          |  |
|                                   | 72                     | 0   | 0   | 0   | 3   | 1   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   |     |          |  |
| 73                                | 3                      | 3   | 1   | 3   | 2   | 0   | 0   | 1   | 0   | 1   | 0   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   |     |          |  |
| 202 GREENVILLE-SPARTANBURG (S.C.) | 69                     | 1   | 1   | 1   | 1   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   |     |          |  |
|                                   | 70                     | 1   | 1   | 1   | 1   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   |     |          |  |
|                                   | 71                     | 8   | 4   | 0   | 11  | 1   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   |     |          |  |
|                                   | 72                     | 13  | 4   | 1   | 15  | 3   | 0   | 0   | 4   | 0   | 9   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   |     |          |  |
| 73                                | 11                     | 3   | 1   | 26  | 5   | 2   | 0   | 7   | 0   | 17  | 0   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   |     |     |          |  |
| 203 GREENWOOD (S.C.)              | 69                     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   |     |          |  |
|                                   | 70                     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   |     |          |  |
|                                   | 71                     | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   |     |          |  |
|                                   | 72                     | 1   | 0   | 0   | 2   | 0   | 0   | 0   | 1   | 0   | 2   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   |     |          |  |
| 73                                | 1                      | 0   | 0   | 2   | 0   | 0   | 0   | 1   | 0   | 2   | 0   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   |     |     |          |  |
| 204 GEORGETOWN (S.C.)             | 69                     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   |     |          |  |
|                                   | 70                     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   |     |          |  |
|                                   | 71                     | 0   | 0   | 0   | 3   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   |     |          |  |
|                                   | 72                     | 3   | 2   | 1   | 8   | 4   | 1   | 0   | 0   | 0   | 2   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   | 0   |     |          |  |
| 73                                | 3                      | 2   | 2   | 4   | 2   | 0   | 0   | 2   | 0   | 2   | 0   | 0   | 0   | 0   | 0              | 0   | 0   | 0   | 0   | 0   | 0               | 0   | 0   | 0   |     |     |          |  |



Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION                              | SUSPENDED PARTICULATES |    |    |    |        |         |     |     |     |     | SULFUR DIOXIDE |          |    |    |        | CARBON MONOXIDE |      |   |   |    | OXIDANTS |      |        |   |    |      |      |   |   |    |   |   |   |   |   |   |   |   |
|---|------------------------|----|----|----|--------|---------|-----|-----|-----|-----|----------------|----------|----|----|--------|-----------------|------|---|---|----|----------|------|--------|---|----|------|------|---|---|----|---|---|---|---|---|---|---|---|
|   | YR                     | P  | #  | #> | ANNUAL | 24-HOUR | PRI | STG | SEC | STG | PRI            | P        | #  | #> | ANNUAL | 24-HOUR         | 3-HR | P | # | #> | 1-HR     | 8-HR | P      | # | #> | 1-HR | 8-HR | P | # | #> |   |   |   |   |   |   |   |   |
| 205 BLACKHILLS-RAPID CITY (S. DAK)                      |                        |    |    |    |        |         |     |     |     |     |                |          |    |    |        |                 |      |   |   |    |          |      |        |   |    |      |      |   |   |    |   |   |   |   |   |   |   |   |
| 69  | III(1)                 | 1  | 0  | 0  | 1      | 0       | 0   | 0   | 0   | 0   | 0              | III(1+0) | 0  | 0  | 0      | 0               | 0    | 0 | 0 | 0  | 0        | 0    | III(0) | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 |   |   |   |   |   |
| 70  |                        | 0  | 0  | 0  | 1      | 0       | 0   | 0   | 0   | 0   | 0              |          | 0  | 0  | 1      | 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  | 1      | 0               | 0    |   | 0 | 0  | 0        | 0    |        | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 |   |   |   |   |
| 72  |                        | 1  | 0  | 0  | 1      | 0       | 0   | 0   | 0   | 0   | 0              |          | 1  | 0  | 1      | 0               | 0    |   | 0 | 0  | 0        | 0    |        | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 |   |   |   |   |
| 73  |                        | 3  | 2  | 1  | 3      | 2       | 1   | 0   | 0   | 0   | 1              |          | 0  | 0  | 1      | 0               | 0    |   | 0 | 0  | 0        | 0    |        | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 |   |   |   |
| 206 SOUTH DAKOTA (REMAINDER)                            |                        |    |    |    |        |         |     |     |     |     |                |          |    |    |        |                 |      |   |   |    |          |      |        |   |    |      |      |   |   |    |   |   |   |   |   |   |   |   |
| 69  | III(1)                 | 0  | 0  | 0  | 0      | 0       | 0   | 0   | 0   | 0   | 0              | III(1+0) | 0  | 0  | 0      | 0               | 0    |   | 0 | 0  | 0        | 0    | III(0) | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 |   |   |   |
| 70  |                        | 0  | 0  | 0  | 0      | 0       | 0   | 0   | 0   | 0   | 0              |          | 0  | 0  | 0      | 0               | 0    |   | 0 | 0  | 0        | 0    |        | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 |   |   |   |
| 71  |                        | 0  | 0  | 0  | 0      | 0       | 0   | 0   | 0   | 0   | 0              |          | 0  | 0  | 0      | 0               | 0    |   | 0 | 0  | 0        | 0    |        | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
| 72  |                        | 0  | 0  | 0  | 0      | 0       | 0   | 0   | 0   | 0   | 0              |          | 0  | 0  | 0      | 0               | 0    |   | 0 | 0  | 0        | 0    |        | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
| 73  |                        | 1  | 0  | 0  | 2      | 1       | 0   | 0   | 0   | 0   | 0              |          | 0  | 0  | 0      | 0               | 0    |   | 0 | 0  | 0        | 0    |        | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
| 207 EASTERN TENNESSEE-SOUTHWESTERN VIRGINIA (TENN.-VA.) |                        |    |    |    |        |         |     |     |     |     |                |          |    |    |        |                 |      |   |   |    |          |      |        |   |    |      |      |   |   |    |   |   |   |   |   |   |   |   |
| 69  | I(11)                  | 9  | 8  | 7  | 8      | 10      | 9   | 5   | 5   | 5   | 5              | I(8+3)   | 0  | 0  | 0      | 0               | 0    |   | 0 | 0  | 0        | 0    | III(0) | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 70  |                        | 9  | 7  | 7  | 7      | 13      | 11  | 5   | 5   | 5   | 5              |          | 0  | 0  | 1      | 0               | 0    |   | 0 | 0  | 0        | 0    |        | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 71  |                        | 2  | 1  | 1  | 1      | 10      | 8   | 2   | 2   | 2   | 2              |          | 0  | 0  | 1      | 0               | 0    |   | 0 | 0  | 0        | 0    |        | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72  |                        | 14 | 9  | 7  | 7      | 42      | 27  | 6   | 6   | 6   | 6              |          | 2  | 0  | 17     | 0               | 0    |   | 0 | 0  | 0        | 0    |        | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 73  |                        | 1  | 0  | 0  | 0      | 41      | 8   | 2   | 2   | 2   | 2              |          | 0  | 0  | 23     | 1               | 0    |   | 0 | 0  | 0        | 0    |        | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 208 MIDDLE TENNESSEE                                    |                        |    |    |    |        |         |     |     |     |     |                |          |    |    |        |                 |      |   |   |    |          |      |        |   |    |      |      |   |   |    |   |   |   |   |   |   |   |   |
| 69  | I(10)                  | 1  | 1  | 1  | 1      | 1       | 1   | 0   | 0   | 0   | 0              | III(3+1) | 1  | 0  | 1      | 0               | 0    |   | 0 | 0  | 0        | 0    | III(0) | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70  |                        | 16 | 11 | 9  | 9      | 18      | 9   | 4   | 4   | 4   | 4              |          | 1  | 0  | 1      | 0               | 0    |   | 0 | 0  | 0        | 0    |        | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 71  |                        | 0  | 0  | 0  | 0      | 1       | 1   | 0   | 0   | 0   | 0              |          | 0  | 0  | 1      | 0               | 0    |   | 0 | 0  | 0        | 0    |        | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72  |                        | 11 | 9  | 6  | 6      | 31      | 13  | 0   | 0   | 0   | 0              |          | 16 | 0  | 18     | 0               | 0    |   | 1 | 0  | 1        | 0    |        | 1 | 0  | 1    | 0    | 1 | 0 | 1  | 0 | 1 | 0 | 1 | 0 | 1 | 0 |   |
| 73  |                        | 1  | 1  | 0  | 0      | 31      | 9   | 2   | 2   | 2   | 2              |          | 1  | 0  | 21     | 0               | 0    |   | 0 | 0  | 0        | 0    |        | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 209 WESTERN TENNESSEE                                   |                        |    |    |    |        |         |     |     |     |     |                |          |    |    |        |                 |      |   |   |    |          |      |        |   |    |      |      |   |   |    |   |   |   |   |   |   |   |   |
| 69  | I(7)                   | 0  | 0  | 0  | 0      | 0       | 0   | 0   | 0   | 0   | 0              | III(1+0) | 0  | 0  | 0      | 0               | 0    |   | 0 | 0  | 0        | 0    | III(0) | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70  |                        | 0  | 0  | 0  | 0      | 0       | 0   | 0   | 0   | 0   | 0              |          | 0  | 0  | 0      | 0               | 0    |   | 0 | 0  | 0        | 0    |        | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 71  |                        | 0  | 0  | 0  | 0      | 0       | 0   | 0   | 0   | 0   | 0              |          | 0  | 0  | 0      | 0               | 0    |   | 0 | 0  | 0        | 0    |        | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72  |                        | 0  | 0  | 0  | 0      | 7       | 5   | 1   | 1   | 1   | 1              |          | 0  | 0  | 0      | 0               | 0    |   | 0 | 0  | 0        | 0    |        | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73  |                        | 0  | 0  | 0  | 0      | 9       | 1   | 0   | 0   | 0   | 0              |          | 0  | 0  | 0      | 0               | 0    |   | 0 | 0  | 0        | 0    |        | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 210 ABILENE-WICHITA FALLS (TEX)                         |                        |    |    |    |        |         |     |     |     |     |                |          |    |    |        |                 |      |   |   |    |          |      |        |   |    |      |      |   |   |    |   |   |   |   |   |   |   |   |
| 69  | III(3)                 | 1  | 1  | 0  | 0      | 1       | 1   | 0   | 0   | 0   | 0              | III(3+1) | 0  | 0  | 0      | 0               | 0    |   | 0 | 0  | 0        | 0    | III(0) | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70  |                        | 0  | 0  | 0  | 0      | 2       | 1   | 1   | 1   | 1   | 1              |          | 0  | 0  | 1      | 0               | 0    |   | 0 | 0  | 0        | 0    |        | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 71  |                        | 0  | 0  | 0  | 0      | 2       | 0   | 0   | 0   | 0   | 0              |          | 0  | 0  | 1      | 0               | 0    |   | 0 | 0  | 0        | 0    |        | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72  |                        | 2  | 1  | 1  | 1      | 3       | 2   | 0   | 0   | 0   | 0              |          | 0  | 0  | 0      | 0               | 0    |   | 0 | 0  | 0        | 0    |        | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73  |                        | 2  | 2  | 1  | 1      | 3       | 2   | 0   | 0   | 0   | 0              |          | 2  | 0  | 4      | 0               | 0    |   | 0 | 0  | 0        | 0    |        | 0 | 0  | 0    | 0    | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION               | SUSPENDED PARTICULATES |        |     |     |         |     | SULFUR DIOXIDE |     |        |      |         | CARBON MONOXIDE |      |      |      |      | OXYDANTS |      |         |     |          |         |  |          |         |  |  |
|--|------------------------|--------|-----|-----|---------|-----|----------------|-----|--------|------|---------|-----------------|------|------|------|------|----------|------|---------|-----|----------|---------|--|----------|---------|--|--|
|  | YR                     | ANNUAL |     |     | 24-HOUR |     |                | P   | ANNUAL |      | 24-HOUR |                 |      | P    | 1-HR |      | 1-HR     |      |         |     |          |         |  |          |         |  |  |
|  |                        | STA    | SEC | PRI | STA     | SEC | PRI            |     | STA    | STD  | STD     | STD             | STO  |      | R    | STO  | STD      | R    | STO     | STD | Y        |         |  |          |         |  |  |
|  | (1)                    | (2)    | (3) | (4) | (5)     | (6) | (7)            | (8) | (9)    | (10) | (11)    | (12)            | (13) | (14) | (15) | (16) | (17)     | (18) | (19)    |     |          |         |  |          |         |  |  |
| UG/CU.M:                                 | T                      | I      | Y   | T   | I       | Y   | T              | I   | Y      | T    | I       | Y               | T    | I    | Y    | T    | I        | Y    | T       |     |          |         |  |          |         |  |  |
| 211 AMARILLO-LUBBOCK (TEX)               | I ( 6 + 2 )            |        |     |     |         |     |                |     |        |      |         |                 |      |      |      |      |          |      |         |     | I ( 3 )  |         |  | I ( 3 )  |         |  |  |
| 69                                       | 1                      | 1      | 0   | 2   | 1       | 0   | 0              | 0   | 0      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
| 70                                       | 1                      | 1      | 1   | 4   | 3       | 0   | 0              | 0   | 0      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
| 71                                       | 1                      | 1      | 1   | 4   | 2       | 0   | 0              | 0   | 0      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
| 72                                       | 18                     | 7      | 4   | 21  | 20      | 13  | 0              | 0   | 2      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
| 73                                       | 2                      | 1      | 1   | 18  | 11      | 1   | 2              | 0   | 7      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
|  |                        |        |     |     |         |     |                |     |        |      |         |                 |      |      |      |      |          |      | I ( 3 ) |     |          | I ( 3 ) |  |          | I ( 3 ) |  |  |
| 212 AUSTIN-WACO (TEX)                    | I ( 1 + 0 )            |        |     |     |         |     |                |     |        |      |         |                 |      |      |      |      |          |      |         |     | I ( 3 )  |         |  | I ( 3 )  |         |  |  |
| 69                                       | 2                      | 1      | 0   | 2   | 0       | 0   | 0              | 0   | 0      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
| 70                                       | 2                      | 0      | 0   | 3   | 0       | 0   | 1              | 0   | 1      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
| 71                                       | 1                      | 0      | 0   | 4   | 0       | 0   | 0              | 0   | 1      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
| 72                                       | 5                      | 3      | 0   | 10  | 1       | 0   | 0              | 0   | 1      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
| 73                                       | 7                      | 3      | 2   | 11  | 3       | 0   | 2              | 0   | 7      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 2        |         |  |          |         |  |  |
|  |                        |        |     |     |         |     |                |     |        |      |         |                 |      |      |      |      |          |      | I ( 7 ) |     |          | I ( 3 ) |  |          | I ( 3 ) |  |  |
| 213 BROWNSVILLE-LAREDO (TEX)             | I ( 1 + 0 )            |        |     |     |         |     |                |     |        |      |         |                 |      |      |      |      |          |      |         |     | I ( 7 )  |         |  | I ( 7 )  |         |  |  |
| 69                                       | 2                      | 1      | 1   | 4   | 2       | 2   | 0              | 0   | 0      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
| 70                                       | 3                      | 3      | 3   | 4   | 3       | 2   | 0              | 0   | 0      | 0    | 0       | 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    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
| 72                                       | 7                      | 6      | 6   | 13  | 9       | 7   | 0              | 0   | 0      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
| 73                                       | 3                      | 3      | 2   | 4   | 3       | 2   | 0              | 0   | 0      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
|  |                        |        |     |     |         |     |                |     |        |      |         |                 |      |      |      |      |          |      | I ( 7 ) |     |          | I ( 7 ) |  |          | I ( 7 ) |  |  |
| 214 CORPUS CHRISTI-VICTORIA (TEX)        | I ( 5 + 2 )            |        |     |     |         |     |                |     |        |      |         |                 |      |      |      |      |          |      |         |     | I ( 7 )  |         |  | I ( 7 )  |         |  |  |
| 69                                       | 1                      | 0      | 0   | 2   | 0       | 0   | 1              | 0   | 0      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
| 70                                       | 0                      | 0      | 0   | 3   | 0       | 0   | 1              | 0   | 1      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
| 71                                       | 1                      | 1      | 0   | 2   | 1       | 1   | 0              | 0   | 1      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
| 72                                       | 11                     | 5      | 4   | 12  | 4       | 1   | 1              | 0   | 1      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
| 73                                       | 7                      | 4      | 1   | 15  | 4       | 1   | 3              | 0   | 5      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 1   | 1        |         |  |          |         |  |  |
|  |                        |        |     |     |         |     |                |     |        |      |         |                 |      |      |      |      |          |      | I ( 7 ) |     |          | I ( 7 ) |  |          | I ( 7 ) |  |  |
| 215 METROPOLITAN DALLAS-FORT WORTH (TEX) | I ( 1 + 0 )            |        |     |     |         |     |                |     |        |      |         |                 |      |      |      |      |          |      |         |     | I ( 3 )  |         |  | I ( 3 )  |         |  |  |
| 69                                       | 2                      | 2      | 2   | 2   | 1       | 0   | 2              | 0   | 2      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
| 70                                       | 2                      | 2      | 2   | 2   | 0       | 0   | 2              | 0   | 2      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
| 71                                       | 2                      | 2      | 1   | 3   | 2       | 0   | 1              | 0   | 2      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
| 72                                       | 28                     | 16     | 7   | 35  | 13      | 5   | 2              | 0   | 2      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
| 73                                       | 16                     | 8      | 3   | 39  | 12      | 2   | 5              | 0   | 10     | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
|  |                        |        |     |     |         |     |                |     |        |      |         |                 |      |      |      |      |          |      | I ( 3 ) |     |          | I ( 3 ) |  |          | I ( 3 ) |  |  |
| 216 METROPOLITAN HOUSTON-GALVESTON (TEX) | I ( 9 + 4 )            |        |     |     |         |     |                |     |        |      |         |                 |      |      |      |      |          |      |         |     | I ( 13 ) |         |  | I ( 13 ) |         |  |  |
| 69                                       | 11                     | 4      | 3   | 13  | 1       | 0   | 2              | 0   | 2      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
| 70                                       | 8                      | 3      | 2   | 12  | 1       | 0   | 1              | 0   | 3      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
| 71                                       | 24                     | 14     | 9   | 29  | 13      | 1   | 12             | 0   | 16     | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
| 72                                       | 28                     | 16     | 8   | 49  | 19      | 0   | 3              | 0   | 4      | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 0        |         |  |          |         |  |  |
| 73                                       | 37                     | 23     | 14  | 58  | 20      | 2   | 30             | 0   | 45     | 0    | 0       | 0               | 0    | 0    | 0    | 0    | 0        | 0    | 0       | 0   | 2        |         |  |          |         |  |  |



Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION          | SUSPENDED PARTICULATES |     |         |    |    | SULFUR DIOXIDE |     |         |         |   | CARBON MONOXIDE |     |         |     |   | OZONE |         |      |     |   |         |     |      |         |   |      |     |
|-------------------------------------|------------------------|-----|---------|----|----|----------------|-----|---------|---------|---|-----------------|-----|---------|-----|---|-------|---------|------|-----|---|---------|-----|------|---------|---|------|-----|
|                                     | ANNUAL                 |     | 24-HOUR |    | P  | ANNUAL         |     | 24-HOUR |         | P | 1-HR            |     | 3-HR    |     | P | 1-HR  |         | 3-HR |     | P | 1-HR    |     | 3-HR |         | P |      |     |
|                                     | YR                     | #   | #>      | #> |    | STATION        | SEC | PRI     | STATION |   | SEC             | PRI | STATION | SEC |   | PRI   | STATION | SEC  | PRI |   | STATION | SEC | PRI  | STATION |   | SEC  | PRI |
| 217 METROPOLITAN SAN ANTONIO (TEX)  | 69                     | 12  | 4       | 2  | 17 | 3              | 1   | 1       | 0       | 0 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
|                                     | 70                     | 1   | 0       | 0  | 1  | 0              | 0   | 1       | 0       | 0 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
|                                     | 71                     | 1   | 0       | 0  | 2  | 1              | 0   | 0       | 0       | 0 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
|                                     | 72                     | 7   | 1       | 1  | 9  | 2              | 1   | 1       | 0       | 1 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
| 73                                  | 7                      | 4   | 2       | 12 | 4  | 0              | 0   | 3       | 0       | 6 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
|                                     | III                    | 3   |         |    |    |                |     | III     | (1+0)   |   |                 |     |         |     |   | III   | (0)     |      |     |   |         |     |      |         |   | I    | (3) |
| 218 MIDLAND-ODESSA-SAN ANGELO (TEX) | 69                     | 1   | 0       | 0  | 2  | 0              | 0   | 0       | 0       | 0 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
|                                     | 70                     | 1   | 0       | 0  | 2  | 1              | 0   | 0       | 0       | 1 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
|                                     | 71                     | 2   | 1       | 5  | 3  | 1              | 0   | 0       | 0       | 1 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
|                                     | 72                     | 4   | 2       | 1  | 5  | 4              | 0   | 1       | 0       | 1 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
| 73                                  | 3                      | 2   | 0       | 5  | 2  | 1              | 3   | 0       | 5       | 0 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
|                                     | II                     | (3) |         |    |    |                |     | II      | (3+1)   |   |                 |     |         |     |   | III   | (0)     |      |     |   |         |     |      |         |   | IIII | (0) |
| 219 UTAH (REMAINDER)                | 69                     | 0   | 0       | 0  | 0  | 0              | 0   | 0       | 0       | 0 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
|                                     | 70                     | 0   | 0       | 0  | 0  | 0              | 0   | 0       | 0       | 0 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
|                                     | 71                     | 0   | 0       | 0  | 0  | 0              | 0   | 0       | 0       | 0 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
|                                     | 72                     | 0   | 0       | 0  | 0  | 0              | 0   | 0       | 0       | 0 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
| 73                                  | 0                      | 0   | 0       | 0  | 0  | 0              | 0   | 0       | 0       | 0 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
|                                     | III                    | (1) |         |    |    |                |     | III     | (1+0)   |   |                 |     |         |     |   | III   | (0)     |      |     |   |         |     |      |         |   | III  | (0) |
| 220 WASATCH FRONT (UTAH)            | 69                     | 2   | 2       | 2  | 5  | 5              | 4   | 1       | 0       | 1 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
|                                     | 70                     | 2   | 2       | 2  | 2  | 1              | 0   | 1       | 0       | 1 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
|                                     | 71                     | 1   | 1       | 1  | 2  | 2              | 0   | 0       | 0       | 1 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
|                                     | 72                     | 7   | 6       | 6  | 7  | 7              | 4   | 1       | 0       | 1 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
| 73                                  | 1                      | 1   | 1       | 2  | 2  | 0              | 0   | 0       | 0       | 7 | 5               | 3   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    |     |
|                                     | I                      | (9) |         |    |    |                |     | I       | (7+2)   |   |                 |     |         |     |   | I     | (2)     |      |     |   |         |     |      |         |   | I    | (2) |
| 221 VERMONT (REMAINDER)             | 69                     | 1   | 0       | 0  | 1  | 0              | 0   | 0       | 0       | 0 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
|                                     | 70                     | 1   | 0       | 0  | 1  | 0              | 0   | 0       | 0       | 0 | 0               | 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       | 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       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
| 73                                  | 0                      | 0   | 0       | 3  | 1  | 0              | 0   | 0       | 0       | 0 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
|                                     | II                     | (3) |         |    |    |                |     | II      | (3+1)   |   |                 |     |         |     |   | III   | (0)     |      |     |   |         |     |      |         |   | III  | (0) |
| 222 CENTRAL VIRGINIA                | 69                     | 2   | 2       | 1  | 4  | 1              | 1   | 0       | 0       | 0 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
|                                     | 70                     | 2   | 2       | 15 | 4  | 0              | 0   | 0       | 0       | 0 | 0               | 0   | 0       | 0   | 0 | 0     | 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       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
|                                     | 72                     | 15  | 6       | 3  | 24 | 13             | 2   | 1       | 0       | 8 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    | 0   |
| 73                                  | 0                      | 0   | 0       | 27 | 10 | 2              | 0   | 0       | 8       | 0 | 0               | 0   | 0       | 0   | 0 | 0     | 0       | 0    | 0   | 0 | 0       | 0   | 0    | 0       | 0 | 0    |     |
|                                     | I                      | (7) |         |    |    |                |     | III     | (1+0)   |   |                 |     |         |     |   | III   | (0)     |      |     |   |         |     |      |         |   | III  | (0) |

Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION       | SUSPENDED PARTICULATES |    |   |     |        |    |   |   |         |    |   | SULFUR DIOXIDE |   |   |   | CARBON MONOXIDE |     |   |     | OXIDANTS |     |     |   |     |   |   |   |   |     |     |   |     |   |   |   |   |   |   |   |   |
|----------------------------------|------------------------|----|---|-----|--------|----|---|---|---------|----|---|----------------|---|---|---|-----------------|-----|---|-----|----------|-----|-----|---|-----|---|---|---|---|-----|-----|---|-----|---|---|---|---|---|---|---|---|
|                                  | YR                     | P  | # | PRI | ANNUAL |    |   |   | 24-HOUR |    |   |                | P | # | R | STA             | STD | T | (1) | R        | STA | STD | T | (2) | Y | # | P | R | STA | STD | T | (3) |   |   |   |   |   |   |   |   |
|                                  |                        |    |   |     | #      | >  | # | > | #       | >  | # | >              |   |   |   |                 |     |   |     |          |     |     |   |     |   |   |   |   |     |     |   |     | # | > | # | > | Y | # | # | Y |
| 223 HAMPTON ROADS (VA)           | 69                     | 4  | 3 | 2   | 5      | 1  | 0 | 1 | 0       | 0  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 |   |   |   |   |
|                                  | 70                     | 4  | 3 | 2   | 11     | 5  | 1 | 0 | 3       | 0  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 |   |   |   |   |
|                                  | 71                     | 7  | 3 | 2   | 12     | 6  | 2 | 4 | 0       | 7  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 |   |   |   |
|                                  | 72                     | 17 | 8 | 4   | 20     | 10 | 4 | 9 | 0       | 14 | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 |   |   |   |
| 73                               | 3                      | 3  | 2 | 22  | 9      | 2  | 1 | 0 | 18      | 0  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 |   |   |   |
| 224 NORTHEASTERN VIRGINIA        | 69                     | 0  | 0 | 0   | 1      | 0  | 0 | 0 | 0       | 0  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 |   |   |   |
|                                  | 70                     | 0  | 0 | 0   | 2      | 1  | 1 | 0 | 0       | 0  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
|                                  | 71                     | 0  | 0 | 0   | 0      | 0  | 0 | 0 | 0       | 0  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 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   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 73                               | 0                      | 0  | 0 | 13  | 1      | 0  | 0 | 0 | 5       | 0  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
| 225 STATE CAPITAL (VA)           | 69                     | 3  | 3 | 3   | 7      | 0  | 0 | 1 | 0       | 0  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
|                                  | 70                     | 1  | 1 | 1   | 5      | 4  | 1 | 1 | 0       | 1  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                                  | 71                     | 0  | 0 | 0   | 4      | 3  | 0 | 0 | 0       | 1  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                  | 72                     | 2  | 1 | 1   | 10     | 2  | 0 | 1 | 0       | 8  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 73                               | 0                      | 0  | 0 | 24  | 9      | 1  | 0 | 0 | 15      | 0  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
| 226 VALLEY OF VIRGINIA           | 69                     | 2  | 1 | 1   | 5      | 2  | 1 | 0 | 0       | 0  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
|                                  | 70                     | 9  | 5 | 1   | 27     | 9  | 4 | 1 | 0       | 1  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
|                                  | 71                     | 3  | 1 | 1   | 23     | 7  | 2 | 1 | 0       | 2  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                                  | 72                     | 5  | 1 | 0   | 18     | 7  | 2 | 3 | 0       | 4  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 73                               | 2                      | 0  | 0 | 38  | 11     | 4  | 1 | 0 | 9       | 0  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
| 227 NORTHERN WASHINGTON          | 69                     | 1  | 1 | 0   | 1      | 1  | 0 | 0 | 0       | 0  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
|                                  | 70                     | 1  | 1 | 0   | 1      | 1  | 1 | 0 | 0       | 0  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                                  | 71                     | 1  | 0 | 0   | 4      | 1  | 0 | 0 | 0       | 0  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                                  | 72                     | 3  | 2 | 0   | 4      | 4  | 1 | 0 | 0       | 0  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 73                               | 3                      | 0  | 0 | 3   | 1      | 0  | 0 | 0 | 0       | 0  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
| 228 OLYMPIC-NORTHWEST WASHINGTON | 69                     | 2  | 1 | 0   | 7      | 5  | 3 | 0 | 0       | 0  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
|                                  | 70                     | 5  | 4 | 3   | 6      | 4  | 3 | 0 | 0       | 0  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
|                                  | 71                     | 8  | 3 | 2   | 8      | 5  | 3 | 1 | 0       | 2  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                                  | 72                     | 3  | 0 | 0   | 4      | 1  | 0 | 0 | 0       | 1  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 73                               | 3                      | 1  | 0 | 4   | 1      | 0  | 0 | 0 | 2       | 0  | 0 | 0              | 0 | 0 | 0 | 0               | 0   | 0 | 0   | 0        | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0   | 0   | 0 | 0   | 0 | 0 | 0 | 0 | 0 | 0 |   |   |

Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CATEGORICAL REGION | SUSPENDED PARTICULATES |    |        |    |       |     |        |     |      |     | SULFUR DIOXIDE |     |      |      | CARBON MONOXIDE |     |      |     | OXIDANTS |     |     |   |     |     |   |     |     |   |
|--------------------------------|------------------------|----|--------|----|-------|-----|--------|-----|------|-----|----------------|-----|------|------|-----------------|-----|------|-----|----------|-----|-----|---|-----|-----|---|-----|-----|---|
|                                | 24-HOUR                |    | ANNUAL |    | 24-HR |     | ANNUAL |     | 3-HR |     | 1-HR           |     | 8-HR |      | 1-HR            |     | 8-HR |     | 1-HR     |     |     |   |     |     |   |     |     |   |
|                                | YR                     | P  | #      | #> | #>    | #>  | P      | #   | #>   | #>  | R              | STA | STD  | STA  | STD             | R   | STA  | STD | R        | STA | STD | P | #   | #>  | P | #   | #>  |   |
| 229 PUGET SOUND (WASH)         | UG/CU.M:               | T  | (1)    | 60 | 75    | (2) | 150    | 260 | T    | (1) | 80             | (2) | 365  | 1300 | T               | (2) | 60*  | 10* | T        | (2) | 160 | T | (2) | 160 | T | (2) | 160 |   |
|                                | P.P.M.:                | Y  | -      | -  | -     | -   | -      | -   | Y    | .03 | .14            | .50 | -    | -    | Y               | 35  | 9    | Y   | 9        | Y   | 9   | Y | 9   | Y   | 9 | Y   | 9   |   |
|                                | I (12)                 | 21 | 8      | 2  | 22    | 14  | 3      | 3   | 1    | 1   | 3              | 1   | 1    | 1    | 1               | 4   | 0    | 0   | 1        | 4   | 0   | 0 | 0   | 0   | 0 | 0   | 0   |   |
|                                | III (1)                | 0  | 0      | 0  | 0     | 0   | 0      | 0   | 0    | 0   | 0              | 0   | 0    | 0    | 0               | 0   | 0    | 0   | 0        | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 |
| 230 SOUTH CENTRAL WASHINGTON   | I (6)                  | 0  | 0      | 0  | 0     | 0   | 0      | 0   | 0    | 0   | 0              | 0   | 0    | 0    | 0               | 0   | 0    | 0   | 0        | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 |
|                                | III (1+0)              | 0  | 0      | 0  | 0     | 0   | 0      | 0   | 0    | 0   | 0              | 0   | 0    | 0    | 0               | 0   | 0    | 0   | 0        | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 |
|                                | I (6)                  | 1  | 1      | 1  | 10    | 7   | 1      | 1   | 0    | 0   | 0              | 0   | 0    | 0    | 0               | 0   | 0    | 0   | 0        | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 |
|                                | III (1)                | 5  | 2      | 0  | 6     | 1   | 1      | 0   | 0    | 0   | 0              | 0   | 0    | 0    | 0               | 0   | 0    | 0   | 0        | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 |
| 231 ALLEGHENY (W. VA)          | III (1)                | 0  | 0      | 0  | 0     | 0   | 0      | 0   | 0    | 0   | 0              | 0   | 0    | 0    | 0               | 0   | 0    | 0   | 0        | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 |
|                                | III (1)                | 0  | 0      | 0  | 0     | 0   | 0      | 0   | 0    | 0   | 0              | 0   | 0    | 0    | 0               | 0   | 0    | 0   | 0        | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 |
|                                | III (1)                | 0  | 0      | 0  | 0     | 0   | 0      | 0   | 0    | 0   | 0              | 0   | 0    | 0    | 0               | 0   | 0    | 0   | 0        | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 |
|                                | III (1)                | 0  | 0      | 0  | 0     | 0   | 0      | 0   | 0    | 0   | 0              | 0   | 0    | 0    | 0               | 0   | 0    | 0   | 0        | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 |
| 232 CENTRAL WEST VIRGINIA      | III (1)                | 0  | 0      | 0  | 0     | 0   | 0      | 0   | 0    | 0   | 0              | 0   | 0    | 0    | 0               | 0   | 0    | 0   | 0        | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 |
|                                | III (1)                | 0  | 0      | 0  | 0     | 0   | 0      | 0   | 0    | 0   | 0              | 0   | 0    | 0    | 0               | 0   | 0    | 0   | 0        | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 |
|                                | III (1)                | 0  | 0      | 0  | 0     | 0   | 0      | 0   | 0    | 0   | 0              | 0   | 0    | 0    | 0               | 0   | 0    | 0   | 0        | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 |
|                                | III (1)                | 0  | 0      | 0  | 0     | 0   | 0      | 0   | 0    | 0   | 0              | 0   | 0    | 0    | 0               | 0   | 0    | 0   | 0        | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 |
| 233 EASTERN PANHANDLE (W. VA)  | III (1)                | 0  | 0      | 0  | 0     | 0   | 0      | 0   | 0    | 0   | 0              | 0   | 0    | 0    | 0               | 0   | 0    | 0   | 0        | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 |
|                                | III (1)                | 0  | 0      | 0  | 0     | 0   | 0      | 0   | 0    | 0   | 0              | 0   | 0    | 0    | 0               | 0   | 0    | 0   | 0        | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 |
|                                | III (1)                | 0  | 0      | 0  | 0     | 0   | 0      | 0   | 0    | 0   | 0              | 0   | 0    | 0    | 0               | 0   | 0    | 0   | 0        | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 |
|                                | III (1)                | 0  | 0      | 0  | 0     | 0   | 0      | 0   | 0    | 0   | 0              | 0   | 0    | 0    | 0               | 0   | 0    | 0   | 0        | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 |
| 234 KANAWHA VALLEY (W. VA.)    | I (6)                  | 1  | 1      | 1  | 1     | 1   | 1      | 1   | 1    | 1   | 1              | 1   | 1    | 1    | 1               | 1   | 1    | 1   | 1        | 1   | 1   | 1 | 1   | 1   | 1 | 1   | 1   | 1 |
|                                | III (1)                | 0  | 0      | 0  | 0     | 0   | 0      | 0   | 0    | 0   | 0              | 0   | 0    | 0    | 0               | 0   | 0    | 0   | 0        | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 |
|                                | III (1)                | 2  | 2      | 2  | 14    | 9   | 3      | 1   | 0    | 9   | 0              | 0   | 0    | 0    | 0               | 0   | 0    | 0   | 0        | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 |
|                                | III (1)                | 11 | 7      | 6  | 14    | 9   | 3      | 1   | 0    | 9   | 0              | 0   | 0    | 0    | 0               | 0   | 0    | 0   | 0        | 0   | 0   | 0 | 0   | 0   | 0 | 0   | 0   | 0 |

Table 3-3 (continued) . NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION      | SUSPENDED PARTICULATES |    |    |     |     |     |   |    |   |    |   |    | SULFUR DIOXIDE |         |        |        |        | CARBON MONOXIDE |        |        |       |     | OXIDANTS |        |       |     |       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------------|------------------------|----|----|-----|-----|-----|---|----|---|----|---|----|----------------|---------|--------|--------|--------|-----------------|--------|--------|-------|-----|----------|--------|-------|-----|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                 | YR                     | P  | #  | #>  | #   | #>  | # | #> | # | #> | # | #> | ANNUAL #       | 24-HR # | 3-HR # | 1-HR # | 8-HR # | 1-HR #          | 8-HR # | P #    | R STA | STD | T (2)    | P #    | R STA | STD | T (2) |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| UG/CU.M: P.P.M:                 | T (1)                  | 60 | 75 | (2) | 150 | 260 | — | —  | — | —  | — | —  | Y              | Y       | 14     | 50     | 35     | 9               | 9      | Y      | T (2) | 160 | Y        | Y      | T (2) | 160 | Y     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 235 NORTH CENTRAL WEST VIRGINIA | I (6)                  | 0  | 0  | 0   | 0   | 0   | 0 | 0  | 0 | 0  | 0 | 0  | III(1+0)       | 0       | 0      | 0      | 0      | 0               | 0      | III(0) | 0     | 0   | 0        | III(0) | 0     | 0   | 0     | 0 | 0 |   |   |   |   |   |   |   |   |   |   |   |   |
| 69                              | 0                      | 0  | 0  | 0   | 0   | 0   | 0 | 0  | 0 | 0  | 0 | 0  | 0              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 |   |   |   |   |   |   |   |   |   |   |   |
| 70                              | 0                      | 0  | 0  | 0   | 0   | 0   | 0 | 0  | 0 | 0  | 0 | 0  | 0              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 |   |   |   |   |   |   |   |   |   |   |
| 71                              | 0                      | 0  | 0  | 0   | 6   | 0   | 0 | 0  | 0 | 0  | 0 | 0  | 0              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 |   |   |   |   |   |   |   |   |   |
| 72                              | 5                      | 4  | 1  | 6   | 4   | 0   | 0 | 0  | 0 | 0  | 0 | 0  | 0              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 |   |   |   |   |   |   |   |   |
| 73                              | 0                      | 0  | 0  | 4   | 0   | 0   | 0 | 0  | 0 | 0  | 0 | 0  | 0              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 |   |   |   |   |   |   |   |   |
| 236 SOUTHERN WEST VIRGINIA      | III(1)                 | 0  | 0  | 0   | 0   | 0   | 0 | 0  | 0 | 0  | 0 | 0  | III(1+0)       | 0       | 0      | 0      | 0      | 0               | 0      | III(0) | 0     | 0   | 0        | III(0) | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |   |   |   |   |
| 69                              | 0                      | 0  | 0  | 0   | 0   | 0   | 0 | 0  | 0 | 0  | 0 | 0  | 0              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |   |   |   |   |
| 70                              | 0                      | 0  | 0  | 0   | 0   | 0   | 0 | 0  | 0 | 0  | 0 | 0  | 0              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |   |   |   |
| 71                              | 0                      | 0  | 0  | 0   | 2   | 2   | 1 | 0  | 0 | 0  | 0 | 0  | 0              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |   |   |
| 72                              | 2                      | 2  | 2  | 2   | 2   | 2   | 1 | 0  | 0 | 0  | 0 | 0  | 0              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |   |
| 73                              | 0                      | 0  | 0  | 0   | 2   | 1   | 0 | 0  | 0 | 0  | 0 | 0  | 0              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |   |
| 237 LAKE MICHIGAN (WISC)        | II(3)                  | 1  | 0  | 0   | 0   | 0   | 1 | 0  | 0 | 0  | 0 | 0  | III(1+0)       | 0       | 0      | 0      | 0      | 0               | 0      | III(0) | 0     | 0   | 0        | III(0) | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
| 69                              | 0                      | 0  | 0  | 0   | 0   | 0   | 1 | 0  | 0 | 0  | 0 | 0  | 0              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
| 70                              | 0                      | 0  | 0  | 0   | 0   | 0   | 1 | 0  | 0 | 0  | 0 | 0  | 0              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 71                              | 0                      | 0  | 0  | 0   | 13  | 3   | 0 | 0  | 0 | 0  | 0 | 0  | 0              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 72                              | 1                      | 0  | 0  | 1   | 0   | 0   | 1 | 0  | 0 | 0  | 0 | 0  | 0              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 73                              | 11                     | 3  | 0  | 16  | 3   | 0   | 0 | 0  | 0 | 0  | 0 | 0  | 3              | 0       | 7      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 238 NORTH CENTRAL WISCONSIN     | II(3)                  | 0  | 0  | 0   | 0   | 0   | 0 | 0  | 0 | 0  | 0 | 0  | III(1+0)       | 0       | 0      | 0      | 0      | 0               | 0      | III(0) | 0     | 0   | 0        | III(0) | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 69                              | 0                      | 0  | 0  | 0   | 0   | 0   | 0 | 0  | 0 | 0  | 0 | 0  | 0              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 70                              | 0                      | 0  | 0  | 0   | 0   | 0   | 0 | 0  | 0 | 0  | 0 | 0  | 0              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 71                              | 0                      | 0  | 0  | 0   | 3   | 1   | 0 | 0  | 0 | 0  | 0 | 0  | 0              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 72                              | 0                      | 0  | 0  | 0   | 0   | 0   | 0 | 0  | 0 | 0  | 0 | 0  | 0              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 73                              | 3                      | 0  | 0  | 5   | 1   | 1   | 0 | 0  | 0 | 0  | 0 | 0  | 0              | 0       | 2      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 239 SOUTHEASTERN WISCONSIN      | I(12)                  | 6  | 4  | 2   | 6   | 4   | 2 | 2  | 2 | 4  | 2 | 2  | III(3+1)       | 1       | 0      | 1      | 0      | 0               | 0      | III(0) | 0     | 0   | 0        | III(0) | 1     | 4   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 69                              | 0                      | 0  | 0  | 0   | 0   | 0   | 0 | 0  | 0 | 0  | 0 | 0  | 0              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 70                              | 3                      | 3  | 1  | 17  | 3   | 0   | 1 | 0  | 1 | 0  | 1 | 0  | 1              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 71                              | 18                     | 15 | 8  | 39  | 27  | 7   | 0 | 0  | 0 | 0  | 0 | 0  | 0              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 72                              | 3                      | 2  | 1  | 3   | 2   | 0   | 1 | 0  | 1 | 0  | 1 | 0  | 1              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 73                              | 19                     | 5  | 1  | 28  | 7   | 1   | 2 | 0  | 7 | 0  | 0 | 0  | 2              | 0       | 7      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 240 SOUTHERN WISCONSIN          | II(3)                  | 1  | 0  | 0   | 0   | 0   | 1 | 0  | 0 | 1  | 0 | 0  | III(1+0)       | 0       | 0      | 0      | 0      | 0               | 0      | III(0) | 0     | 0   | 0        | III(0) | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 69                              | 0                      | 0  | 0  | 0   | 0   | 0   | 1 | 0  | 0 | 1  | 0 | 0  | 0              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 70                              | 1                      | 1  | 0  | 6   | 1   | 0   | 0 | 0  | 0 | 0  | 0 | 0  | 0              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 71                              | 5                      | 5  | 2  | 9   | 5   | 0   | 1 | 0  | 1 | 0  | 0 | 0  | 1              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 72                              | 1                      | 1  | 0  | 1   | 0   | 0   | 1 | 0  | 0 | 0  | 0 | 0  | 1              | 0       | 0      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 73                              | 6                      | 0  | 0  | 3   | 0   | 0   | 3 | 0  | 0 | 0  | 0 | 0  | 6              | 0       | 7      | 0      | 0      | 0               | 0      | 0      | 0     | 0   | 0        | 0      | 0     | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |

Table 3-3 (continued). NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY COUNTY REGIST.       |   | SUSPENDED PARTICULATES |    |    |        |     |       | SULFUR DIOXIDE |      |     |     |     |      | CAPRON MAXIMIZE |     |     |     |     |     | OXIDANTS |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |   |   |   |
|----------------------------------|---|------------------------|----|----|--------|-----|-------|----------------|------|-----|-----|-----|------|-----------------|-----|-----|-----|-----|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|---|---|
| Y2                               | P | #                      | #> | #> | ANNUAL |     | 24-HR |                | 3-HR |     | P   | #   | #>   | #>              | P   | #   | #>  | #>  | P   | #        | #>  | #>  | P   | #   | #>  | #>  | P   | #   | #>  | #>  |     |     |     |     |     |     |     |     |     |     |     |     |   |   |   |   |
|                                  |   |                        |    |    | STG    | SEC | STG   | SEC            | STG  | SEC |     |     |      |                 |     |     |     |     |     |          |     |     |     |     |     |     |     |     |     |     | STG | SEC | STG | SEC | STG | SEC | STG | SEC | STG | SEC | STG | SEC |   |   |   |   |
| UO/CO.M:                         | T | (1)                    | 60 | 75 | (2)    | 150 | 260   | P              | R    | STG | SEC | STG | SEC  | STG             | SEC | STG | SEC | STG | SEC | STG      | SEC | STG | SEC | STG | SEC | STG | SEC | STG | SEC | STG | SEC |     |     |     |     |     |     |     |     |     |     |     |   |   |   |   |
| P.P.M.:                          | Y | --                     | -- | -- | --     | --  | --    | Y              | (1)  | 80  | (2) | 365 | 1300 | Y               | (2) | 40* | 10* | Y   | (2) | 40*      | 10* | Y   | (2) | 40* | 10* | Y   | (2) | 40* | 10* |     |     |     |     |     |     |     |     |     |     |     |     |     |   |   |   |   |
| 241 CASPER (1973)                |   |                        |    |    |        |     |       |                |      |     |     |     |      |                 |     |     |     |     |     |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |   |   |   |
| 69                               | 1 | 1                      | 0  | 1  | 0      | 1   | 0     | 1              | 0    | 1   | 0   | 1   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |   |   |   |   |
| 70                               | 1 | 0                      | 0  | 1  | 0      | 1   | 0     | 1              | 0    | 1   | 0   | 1   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |   |   |   |   |
| 71                               | 1 | 1                      | 1  | 1  | 1      | 1   | 0     | 1              | 0    | 1   | 0   | 1   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |   |   |   |   |
| 72                               | 1 | 1                      | 0  | 1  | 1      | 1   | 0     | 1              | 0    | 1   | 0   | 1   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |   |   |   |   |
| 73                               | 2 | 1                      | 0  | 3  | 2      | 2   | 0     | 1              | 0    | 2   | 0   | 2   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |   |   |   |   |
| 242 METROPOLITAN CHEYENNE (1970) |   |                        |    |    |        |     |       |                |      |     |     |     |      |                 |     |     |     |     |     |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |   |   |   |
| 69                               | 1 | 0                      | 0  | 1  | 0      | 0   | 0     | 1              | 0    | 0   | 0   | 0   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |   |   |   |   |
| 70                               | 1 | 0                      | 0  | 1  | 0      | 0   | 0     | 1              | 0    | 0   | 0   | 0   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |   |   |   |   |
| 71                               | 1 | 0                      | 0  | 1  | 0      | 0   | 0     | 1              | 0    | 0   | 0   | 0   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 |   |   |   |
| 72                               | 1 | 0                      | 0  | 1  | 0      | 0   | 0     | 1              | 0    | 0   | 0   | 0   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 |   |   |   |
| 73                               | 1 | 1                      | 0  | 4  | 1      | 0   | 0     | 0              | 0    | 1   | 0   | 0   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 |   |   |
| 243 WYOMING (REMAINDER)          |   |                        |    |    |        |     |       |                |      |     |     |     |      |                 |     |     |     |     |     |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |   |   |   |
| 69                               | 1 | 0                      | 0  | 2  | 0      | 0   | 0     | 1              | 0    | 0   | 0   | 0   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 |   |   |
| 70                               | 0 | 0                      | 0  | 0  | 0      | 0   | 0     | 0              | 0    | 0   | 0   | 0   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 |   |   |   |
| 71                               | 1 | 0                      | 0  | 2  | 0      | 0   | 0     | 0              | 0    | 0   | 0   | 1   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 |   |   |
| 72                               | 1 | 0                      | 0  | 2  | 0      | 0   | 0     | 1              | 0    | 1   | 0   | 1   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 |   |   |
| 73                               | 3 | 1                      | 1  | 6  | 2      | 1   | 0     | 0              | 0    | 2   | 0   | 2   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 |   |   |
| 244 PUERTO RICO                  |   |                        |    |    |        |     |       |                |      |     |     |     |      |                 |     |     |     |     |     |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |   |   |   |
| 69                               | 5 | 4                      | 4  | 5  | 2      | 1   | 1     | 2              | 0    | 2   | 0   | 2   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 |   |   |
| 70                               | 5 | 5                      | 4  | 5  | 2      | 1   | 1     | 2              | 0    | 4   | 0   | 4   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 |   |   |
| 71                               | 2 | 1                      | 1  | 5  | 2      | 1   | 1     | 1              | 0    | 4   | 0   | 4   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 |   |
| 72                               | 5 | 5                      | 4  | 5  | 4      | 1   | 4     | 0              | 0    | 4   | 0   | 4   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 |   |
| 73                               | 0 | 0                      | 0  | 5  | 3      | 0   | 0     | 0              | 0    | 4   | 0   | 4   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 |   |
| 245 AMERICAN SAMOA               |   |                        |    |    |        |     |       |                |      |     |     |     |      |                 |     |     |     |     |     |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |   |   |   |
| 69                               | 1 | 0                      | 0  | 1  | 0      | 0   | 0     | 1              | 0    | 0   | 0   | 0   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 |   |
| 70                               | 0 | 0                      | 0  | 0  | 0      | 0   | 0     | 0              | 0    | 0   | 0   | 0   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 |   |
| 71                               | 0 | 0                      | 0  | 0  | 0      | 0   | 0     | 0              | 0    | 0   | 0   | 0   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 |
| 72                               | 0 | 0                      | 0  | 0  | 0      | 0   | 0     | 0              | 0    | 0   | 0   | 0   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 |
| 73                               | 0 | 0                      | 0  | 0  | 0      | 0   | 0     | 0              | 0    | 0   | 0   | 0   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 |
| 246 GUAM                         |   |                        |    |    |        |     |       |                |      |     |     |     |      |                 |     |     |     |     |     |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |   |   |   |
| 69                               | 0 | 0                      | 0  | 0  | 0      | 0   | 0     | 0              | 0    | 0   | 0   | 0   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 |
| 70                               | 0 | 0                      | 0  | 0  | 0      | 0   | 0     | 0              | 0    | 0   | 0   | 0   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 |
| 71                               | 0 | 0                      | 0  | 0  | 0      | 0   | 0     | 0              | 0    | 0   | 0   | 0   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 |
| 72                               | 0 | 0                      | 0  | 0  | 0      | 0   | 0     | 0              | 0    | 0   | 0   | 0   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 |
| 73                               | 0 | 0                      | 0  | 0  | 0      | 0   | 0     | 0              | 0    | 0   | 0   | 0   | 0    | 0               | 0   | 0   | 0   | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 |

Table 3-3. NUMBER OF STATIONS REPORTING AND NUMBER OF STATIONS EXCEEDING STANDARDS, BY AQCR, 1969-1973

| AIR QUALITY CONTROL REGION | SUSPENDED PARTICULATES |        |    |    | SULFUR DIOXIDE |         |     |            | CARBON MONOXIDE |         |     |      | OXIDANTS |      |     |         |        |      |     |         |     |     |
|----------------------------|------------------------|--------|----|----|----------------|---------|-----|------------|-----------------|---------|-----|------|----------|------|-----|---------|--------|------|-----|---------|-----|-----|
|                            | YR                     | P      | #  | #> | ANNUAL         | 24-HOUR | #   | #>         | ANNUAL          | 24-HOUR | #   | #>   | ANNUAL   | 8-HR | #   | #>      | ANNUAL | 1-HR | #   | #>      |     |     |
| 247 U.S. VIRGIN ISLANDS    |                        |        |    |    |                |         |     |            |                 |         |     |      |          |      |     |         |        |      |     |         |     |     |
| UG/CU.M:                   | T                      | (1)    | 60 | 75 | (2)            | 150     | 260 | PRI        | R               | STA     | STD | 1300 | R        | STA  | STD | 10*     | R      | STA  | STD | T       | (2) | 160 |
| P.P.M.:                    | Y                      | -      | -  | -  | -              | -       | -   | Y          | .03             | .14     | .50 | Y    | 35       | 9    | 9   | Y       | .08    | Y    | .08 | Y       | .08 | Y   |
|                            |                        | IA( 3) |    |    |                |         |     | IA( 3 + 1) |                 |         |     |      | III( 0)  |      |     | III( 0) |        |      |     | III( 0) |     |     |
|                            | 69                     | 0      | 0  | 0  | 0              | 0       | 0   | 0          | 0               | 0       | 0   | 0    | 0        | 0    | 0   | 0       | 0      | 0    | 0   | 0       | 0   | 0   |
|                            | 70                     | 0      | 0  | 0  | 0              | 0       | 0   | 0          | 0               | 0       | 0   | 0    | 0        | 0    | 0   | 0       | 0      | 0    | 0   | 0       | 0   | 0   |
|                            | 71                     | 0      | 0  | 0  | 0              | 0       | 0   | 0          | 0               | 0       | 0   | 0    | 0        | 0    | 0   | 0       | 0      | 0    | 0   | 0       | 0   | 0   |
|                            | 72                     | 1      | 1  | 1  | 4              | 3       | 3   | 1          | 0               | 2       | 1   | 0    | 0        | 0    | 0   | 0       | 0      | 0    | 0   | 0       | 0   | 0   |
|                            | 73                     | 0      | 0  | 0  | 3              | 1       | 0   | 2          | 0               | 3       | 0   | 0    | 0        | 0    | 0   | 0       | 0      | 0    | 0   | 0       | 0   | 0   |



Table 3-4. STATUS OF NITROGEN DIOXIDE MONITORING STATIONS  
REPORTING VALID ANNUAL DATA, 1973

| Air Quality Control Region                     | Priority <sup>a</sup> | Number of stations | Stations exceeding standard <sup>b</sup> |
|--|-----------------------|--------------------|--|
| 013 Clark-Mohave (AZ-NV)                       | III                   | 1                  | 0  |
| 015 Phoenix-Tucson (AZ)                        | III                   | 1                  | 0  |
| 024 Metropolitan Los Angeles (CA)              | I (10) <sup>c</sup>   | 15                 | 8  |
| 025 North Central Coast (CA)                   | III                   | 3                  | 0  |
| 026 North Coast (CA)                           | III                   | 1                  | 0  |
| 028 Sacramento Valley (CA)                     | III                   | 4                  | 0  |
| 029 San Diego (CA)                             | III                   | 1                  | 0  |
| 030 San Francisco Bay Area (CA)                | III                   | 6                  | 0  |
| 031 San Joaquin Valley (CA)                    | III                   | 5                  | 0  |
| 032 South Central Coast (CA)                   | III                   | 1                  | 0  |
| 033 Southeast Desert (CA)                      | III                   | 2                  | 0  |
| 043 New Jersey-New York-Connecticut (NJ-NY-CT) | I (10) <sup>c</sup>   | 2                  | 1  |
| 045 Metropolitan Philadelphia (DE-NJ-PA)       | III                   | 1                  | 0  |
| 070 Metropolitan St. Louis (IL-MO)             | III                   | 5                  | 0  |
| 077 Evansville-Owensboro-Henderson (IN-KY)     | III                   | 1                  | 0  |
| 078 Louisville (IN-KY)                         | III                   | 1                  | 0  |
| 079 Metropolitan Cincinnati (IN-KY-OH)         | III                   | 1                  | 0  |
| 148 Northwest Nevada (NV)                      | III                   | 1                  | 0  |
| 151 Northeast Penn-Upper Del Val (PA-NJ)       | III                   | 1                  | 0  |
| 174 Greater Metropolitan Cleveland (OH)        | III                   | 1                  | 0  |

<sup>a</sup>Priority classification based on severity of individual pollutant concentration in AQCR.

<sup>b</sup>National primary annual air quality standard for nitrogen dioxide = 100  $\mu\text{g}/\text{m}^3$  (0.05 ppm).

<sup>c</sup>Number of required monitors in parentheses.

Table 3-6 presents, by state, the total stations reporting any data, compared with the number to which they have obligated themselves in their implementation plans and with the minimum required number. Listed adjacent to those obligated and minimum required totals are the current numbers of obligated or required stations actually reporting from the regions comprising each state. A state's total, which is the summation of the totals for individual intrastate AQCR's and state portions of interstate AQCR's, may

Table 3-5. NATIONAL SUMMARY OF MONITORING STATIONS REPORTING  
TO NATIONAL AEROMETRIC DATA BANK, JUNE 1974

| Station and year                                 | Pollutant and method |                               |                            |                  |                              |
|--|----------------------|-------------------------------|----------------------------|------------------|------------------------------|
|  | TSP<br>hi-vol        | SO <sub>2</sub><br>continuous | SO <sub>2</sub><br>bubbler | CO<br>continuous | O <sub>x</sub><br>continuous |
| Stations reporting<br>any data                   |                      |                               |                            |                  |                              |
| 1970   | 1345                 | 107                           | 332                        | 82               | 53                           |
| 1971   | 2099                 | 223                           | 596                        | 171              | 99                           |
| 1972   | 3033                 | 335                           | 1080                       | 241              | 181                          |
| 1973   | 3591                 | 422                           | 1506                       | 289              | 252                          |
| SIP obligated                                    | 3512                 | 698                           | 1434                       | 457              | 455                          |
| % completed                                      | 86                   | 50                            | 77                         | 52               | 38                           |
| Federal Register<br>requirements                 | 1341                 | 213                           | 565                        | 137              | 214                          |
| % completed                                      | 92                   | 64                            | 77                         | 77               | 65                           |
| Stations reporting<br>≥1 valid<br>quarter's data |                      |                               |                            |                  |                              |
| 1970   | 1263                 | 63                            | 316                        | 63               | 45                           |
| 1971   | 1947                 | 125                           | 527                        | 106              | 68                           |
| 1972   | 2931                 | 173                           | 986                        | 144              | 121                          |
| 1973   | 3390                 | 250                           | 1385                       | 213              | 188                          |
| Stations reporting<br>valid annual data          |                      |                               |                            |                  |                              |
| 1970   | 750                  | 17                            | 155                        | 24               | 28                           |
| 1971   | 1020                 | 37                            | 199                        | 47               | 28                           |
| 1972   | 1873                 | 60                            | 517                        | 70               | 49                           |
| 1973   | 1306                 | 51                            | 394                        | 62               | 52                           |

be larger than the obligated or required number, yet the final number of obligated or required stations actually reporting may not measure up because one or more AQCR's within the state are deficient. The minimum required number of stations for each AQCR is included in Table 3-3 of the preceding subsection. In interstate AQCR's, the total stations are apportioned among the component states according to the population in each state portion of the AQCR.

Table 3-7 summarizes the total stations reporting compared with the number of obligated and required stations actually reporting for the 10 EPA regions.

Table 3-6. NUMBER OF STATIONS REPORTING IN 1973 VERSUS STATE IMPLEMENTATION PLAN AND FEDERAL REGISTER REQUIREMENTS, BY STATE OR TERRITORY

| States and territories | TSP                    |           |                      |           | SO <sub>2</sub> (24-hr) |         |           |           | SO <sub>2</sub> (continuous) |           |           |         | CO        |           |         |           | Oxidants  |         |           |           | NO <sub>2</sub> |           |           |         |           |           |         |           |           |         |           |
|------------------------|------------------------|-----------|----------------------|-----------|-------------------------|---------|-----------|-----------|------------------------------|-----------|-----------|---------|-----------|-----------|---------|-----------|-----------|---------|-----------|-----------|-----------------|-----------|-----------|---------|-----------|-----------|---------|-----------|-----------|---------|-----------|
|                        | 1973 <sup>a</sup> Rptg | Prop Rptg | Min <sup>c</sup> Req | 1973 Rptg | Prop Rptg               | Min Req | 1973 Rptg | Prop Rptg | Min Req                      | 1973 Rptg | Prop Rptg | Min Req | 1973 Rptg | Prop Rptg | Min Req | 1973 Rptg | Prop Rptg | Min Req | 1973 Rptg | Prop Rptg | Min Req         | 1973 Rptg | Prop Rptg | Min Req |           |           |         |           |           |         |           |
|                        |                        |           |                      |           |                         |         |           |           |                              |           |           |         |           |           |         |           |           |         |           |           |                 |           |           |         | 1973 Rptg | Prop Rptg | Min Req | 1973 Rptg | Prop Rptg | Min Req | 1973 Rptg |
| Alabama                | 77                     | 38        | 37                   | 36        | 35                      | 12      | 15        | 8         | 14                           | 8         | 4         | 4       | 4         | 3         | 3       | 3         | 3         | 2       | 2         | 4         | 1               | 4         | 1         | 4       | 0         | 0         | 0       | 0         |           |         |           |
| Alaska                 | 27                     | 28        | 25                   | 11        | 10                      | 5       | 6         | 4         | 6                            | 4         | 0         | 1       | 0         | 1         | 0       | 1         | 1         | 1       | 0         | 0         | 0               | 0         | 0         | 0       | 0         | 1         | 0       | 0         | 0         |         |           |
| Arizona                | 49                     | 35        | 32                   | 16        | 16                      | 6       | 5         | 5         | 13                           | 6         | 19        | 12      | 11        | 5         | 4       | 4         | 4         | 3       | 3         | 2         | 3               | 2         | 3         | 2       | 7         | 13        | 6       | 11        | 5         |         |           |
| Arkansas               | 54                     | 29        | 29                   | 9         | 9                       | 11      | 6         | 6         | 4                            | 4         | 0         | 0       | 0         | 0         | 0       | 0         | 0         | 0       | 0         | 0         | 0               | 0         | 0         | 0       | 2         | 1         | 0       | 1         | 0         |         |           |
| Calif                  | 69                     | 102       | 64                   | 64        | 50                      | 16      | 17        | 15        | 15                           | 9         | 31        | 23      | 23        | 2         | 2       | 64        | 57        | 28      | 28        | 78        | 81              | 77        | 31        | 31      | 79        | 66        | 65      | 30        | 24        |         |           |
| Colo                   | 75                     | 66        | 62                   | 27        | 27                      | 2       | 7         | 0         | 7                            | 1         | 7         | 7       | 6         | 0         | 0       | 6         | 6         | 3       | 3         | 7         | 6               | 6         | 3         | 3       | 3         | 6         | 3       | 0         | 0         | 0       |           |
| Conn                   | 61                     | 67        | 59                   | 15        | 15                      | 26      | 11        | 11        | 10                           | 10        | 15        | 24      | 15        | 4         | 4       | 2         | 6         | 2       | 4         | 2         | 3               | 7         | 3         | 4       | 2         | 7         | 24      | 6         | 7         | 3       |           |
| Dela                   | 18                     | 20        | 18                   | 2         | 2                       | 3       | 16        | 3         | 2                            | 2         | 13        | 20      | 13        | 1         | 1       | 0         | 4         | 0       | 1         | 0         | 0               | 4         | 0         | 1       | 0         | 3         | 24      | 3         | 1         | 0       |           |
| D.C.                   | 2                      | 10        | 2                    | 4         | 2                       | 2       | 0         | 0         | 3                            | 2         | 1         | 6       | 1         | 1         | 1       | 1         | 5         | 1       | 1         | 1         | 2               | 2         | 2         | 1       | 1         | 3         | 4       | 3         | 3         | 3       |           |
| Fla                    | 106                    | 30        | 30                   | 32        | 32                      | 42      | 16        | 16        | 17                           | 17        | 6         | 6       | 1         | 6         | 1       | 4         | 0         | 0       | 0         | 9         | 3               | 2         | 4         | 2       | 10        | 20        | 8       | 20        | 8         |         |           |
| Ga                     | 47                     | 56        | 42                   | 43        | 32                      | 24      | 29        | 22        | 26                           | 20        | 7         | 11      | 6         | 10        | 5       | 3         | 3         | 3       | 0         | 2         | 1               | 1         | 1         | 1       | 11        | 17        | 10      | 15        | 9         |         |           |
| Hawaii                 | 16                     | 12        | 12                   | 3         | 3                       | 14      | 8         | 8         | 1                            | 1         | 0         | 1       | 0         | 0         | 0       | 1         | 2         | 1       | 0         | 0         | 1               | 2         | 1         | 0       | 0         | 14        | 9       | 9         | 0         | 0       |           |
| Idaho                  | 25                     | 35        | 25                   | 15        | 13                      | 0       | 8         | 0         | 6                            | 0         | 4         | 3       | 2         | 1         | 0       | 0         | 0         | 0       | 0         | 0         | 0               | 0         | 0         | 0       | 0         | 0         | 0       | 0         | 0         | 0       | 0         |
| Illinois               | 55                     | 125       | 55                   | 54        | 28                      | 40      | 50        | 31        | 36                           | 16        | 13        | 32      | 13        | 16        | 9       | 9         | 16        | 9       | 10        | 9         | 4               | 12        | 4         | 12      | 4         | 26        | 27      | 21        | 12        | 9       |           |
| Indiana                | 121                    | 124       | 104                  | 42        | 41                      | 77      | 89        | 62        | 28                           | 26        | 15        | 32      | 15        | 10        | 5       | 1         | 7         | 1       | 4         | 1         | 2               | 7         | 2         | 4       | 2         | 10        | 70      | 10        | 12        | 3       |           |
| Iowa                   | 52                     | 44        | 43                   | 30        | 30                      | 21      | 13        | 11        | 9                            | 8         | 2         | 3       | 2         | 0         | 0       | 2         | 1         | 1       | 0         | 0         | 2               | 0         | 2         | 0       | 11        | 4         | 4       | 1         | 1         | 1       |           |
| Kansas                 | 56                     | 59        | 54                   | 34        | 34                      | 37      | 36        | 35        | 6                            | 6         | 7         | 2       | 2         | 0         | 0       | 8         | 5         | 5       | 1         | 1         | 6               | 5         | 5         | 3       | 3         | 11        | 36      | 11        | 0         | 0       |           |
| Kentucky               | 120                    | 165       | 116                  | 30        | 30                      | 123     | 150       | 109       | 16                           | 16        | 17        | 23      | 15        | 3         | 3       | 11        | 14        | 9       | 0         | 0         | 7               | 12        | 6         | 3       | 3         | 120       | 163     | 114       | 10        | 10      |           |
| Louisiana              | 11                     | 9         | 9                    | 5         | 5                       | 16      | 13        | 13        | 10                           | 10        | 4         | 6       | 4         | 5         | 4       | 1         | 0         | 0       | 0         | 1         | 6               | 1         | 5         | 1       | 3         | 0         | 0       | 0         | 0         | 0       | 0         |

<sup>a</sup>These figures represent the number of air quality monitoring stations reporting (Rptg) to the National Aerometric Data Bank as of June 15, 1974.

<sup>b</sup>These figures represent the number of air quality monitoring stations proposed (Prop) for the planned (1974) complete network as described in the State Implementation Plan. In some cases sizeable modifications have been made to these original assessments of planned monitoring strength. However, it is not known in many of these cases just what the modifications have been.

<sup>c</sup>These figures represent the number of stations needed to satisfy the minimum Federal requirements (Min req) as defined in the Federal Register.

Table 3-6 (continued). NUMBER OF STATIONS REPORTING IN 1973 VERSUS STATE IMPLEMENTATION PLAN AND FEDERAL REGISTER REQUIREMENTS, BY STATE OR TERRITORY

| States and territories | TSP                    |     |         |     |           |     | SO <sub>2</sub> (24-hr) |     |         |     |           |     | SO <sub>2</sub> (continuous) |     |         |     |           |     | CO        |     |         |     |           |     | Oxidants  |     |         |     |           |     | NO <sub>2</sub> |     |         |     |           |     |           |    |    |   |
|------------------------|------------------------|-----|---------|-----|-----------|-----|-------------------------|-----|---------|-----|-----------|-----|------------------------------|-----|---------|-----|-----------|-----|-----------|-----|---------|-----|-----------|-----|-----------|-----|---------|-----|-----------|-----|-----------------|-----|---------|-----|-----------|-----|-----------|----|----|---|
|                        | 1973 <sup>a</sup> Rptg |     | Min Req |     | 1973 Rptg |     | Prop Rptg               |     | Min Req |     | 1973 Rptg |     | Prop Rptg                    |     | Min Req |     | 1973 Rptg |     | Prop Rptg |     | Min Req |     | 1973 Rptg |     | Prop Rptg |     | Min Req |     | 1973 Rptg |     | Prop Rptg       |     | Min Req |     | 1973 Rptg |     | Prop Rptg |    |    |   |
|                        | Rptg                   | Req | Rptg    | Req | Rptg      | Req | Rptg                    | Req | Rptg    | Req | Rptg      | Req | Rptg                         | Req | Rptg    | Req | Rptg      | Req | Rptg      | Req | Rptg    | Req | Rptg      | Req | Rptg      | Req | Rptg    | Req | Rptg      | Req | Rptg            | Req | Rptg    | Req | Rptg      | Req |           |    |    |   |
| Maine                  | 17                     | 22  | 17      | 14  | 12        | 16  | 22                      | 16  | 11      | 9   | 5         | 3   | 3                            | 3   | 3       | 0   | 0         | 0   | 0         | 0   | 0       | 0   | 0         | 0   | 0         | 0   | 0       | 0   | 0         | 0   | 0               | 0   | 0       | 0   | 0         | 0   | 0         |    |    |   |
| Maryland               | 81                     | 74  | 70      | 31  | 31        | 53  | 38                      | 38  | 22      | 22  | 25        | 26  | 17                           | 8   | 7       | 19  | 20        | 19  | 6         | 6   | 6       | 6   | 6         | 6   | 6         | 6   | 6       | 6   | 6         | 6   | 6               | 6   | 6       | 6   | 6         | 6   | 6         | 6  |    |   |
| Mass                   | 56                     | 63  | 56      | 41  | 40        | 55  | 66                      | 54  | 26      | 26  | 0         | 22  | 0                            | 12  | 0       | 0   | 11        | 0   | 10        | 0   | 0       | 0   | 0         | 0   | 0         | 0   | 0       | 0   | 0         | 0   | 0               | 0   | 0       | 0   | 0         | 0   | 0         | 0  | 0  |   |
| Michigan               | 123                    | 127 | 120     | 29  | 29        | 28  | 36                      | 29  | 19      | 15  | 25        | 27  | 24                           | 8   | 8       | 7   | 10        | 7   | 0         | 0   | 1       | 5   | 1         | 5   | 1         | 5   | 1       | 5   | 1         | 5   | 1               | 5   | 1       | 5   | 1         | 5   | 1         | 5  |    |   |
| Minnesota              | 93                     | 68  | 68      | 26  | 26        | 33  | 20                      | 20  | 15      | 15  | 3         | 12  | 3                            | 5   | 2       | 5   | 4         | 4   | 4         | 4   | 4       | 4   | 4         | 4   | 4         | 4   | 4       | 4   | 4         | 4   | 4               | 4   | 4       | 4   | 4         | 4   | 4         | 4  |    |   |
| Miss                   | 27                     | 29  | 27      | 11  | 11        | 15  | 15                      | 13  | 7       | 5   | 2         | 4   | 2                            | 2   | 2       | 0   | 0         | 0   | 0         | 0   | 0       | 0   | 0         | 0   | 0         | 0   | 0       | 0   | 0         | 0   | 0               | 0   | 0       | 0   | 0         | 0   | 0         | 0  | 0  |   |
| Missouri               | 77                     | 75  | 71      | 30  | 30        | 13  | 6                       | 5   | 11      | 6   | 19        | 11  | 11                           | 4   | 4       | 12  | 13        | 12  | 6         | 6   | 6       | 6   | 6         | 6   | 6         | 6   | 6       | 6   | 6         | 6   | 6               | 6   | 6       | 6   | 6         | 6   | 6         | 6  | 6  |   |
| Montana                | 2                      | 14  | 2       | 13  | 2         | 4   | 11                      | 4   | 11      | 4   | 0         | 4   | 0                            | 3   | 0       | 0   | 0         | 0   | 0         | 0   | 0       | 0   | 0         | 0   | 0         | 0   | 0       | 0   | 0         | 0   | 0               | 0   | 0       | 0   | 0         | 0   | 0         | 0  | 0  |   |
| Nebraska               | 44                     | 29  | 29      | 10  | 10        | 6   | 6                       | 4   | 5       | 4   | 0         | 1   | 0                            | 1   | 0       | 1   | 0         | 0   | 0         | 0   | 0       | 0   | 0         | 0   | 0         | 0   | 0       | 0   | 0         | 0   | 0               | 0   | 0       | 0   | 0         | 0   | 0         | 0  | 0  | 0 |
| Nevada                 | 41                     | 34  | 34      | 13  | 13        | 6   | 6                       | 3   | 6       | 3   | 3         | 2   | 1                            | 2   | 1       | 2   | 2         | 2   | 2         | 1   | 2       | 1   | 3         | 3   | 3         | 3   | 3       | 3   | 3         | 3   | 3               | 3   | 3       | 3   | 3         | 3   | 3         | 3  | 3  |   |
| N. H.                  | 33                     | 32  | 31      | 7   | 7         | 8   | 13                      | 8   | 5       | 4   | 3         | 4   | 3                            | 2   | 2       | 2   | 2         | 2   | 2         | 0   | 0       | 2   | 1         | 1   | 1         | 1   | 1       | 1   | 1         | 1   | 1               | 1   | 1       | 1   | 1         | 1   | 1         | 1  | 1  |   |
| New Jersey             | 79                     | 50  | 50      | 19  | 19        | 9   | 5                       | 0   | 12      | 7   | 22        | 22  | 22                           | 7   | 7       | 22  | 22        | 22  | 8         | 8   | 8       | 8   | 8         | 8   | 8         | 8   | 8       | 8   | 8         | 8   | 8               | 8   | 8       | 8   | 8         | 8   | 8         | 8  | 8  |   |
| New Mexico             | 57                     | 52  | 49      | 14  | 14        | 27  | 22                      | 18  | 8       | 7   | 6         | 5   | 4                            | 0   | 0       | 15  | 3         | 2   | 0         | 0   | 2       | 3   | 2         | 3   | 2         | 3   | 2       | 3   | 2         | 3   | 2               | 3   | 2       | 3   | 2         | 3   | 2         | 3  | 2  |   |
| New York               | 290                    | 336 | 286     | 71  | 71        | 83  | 11                      | 11  | 38      | 35  | 63        | 79  | 60                           | 19  | 18      | 19  | 29        | 18  | 13        | 10  | 16      | 23  | 14        | 23  | 14        | 23  | 14      | 23  | 14        | 23  | 14              | 23  | 14      | 23  | 14        | 23  | 14        | 23 | 14 |   |
| N.C.                   | 171                    | 165 | 162     | 53  | 53        | 138 | 131                     | 129 | 9       | 9   | 1         | 0   | 0                            | 1   | 1       | 2   | 4         | 1   | 0         | 0   | 3       | 5   | 2         | 2   | 2         | 2   | 2       | 2   | 2         | 2   | 2               | 2   | 2       | 2   | 2         | 2   | 2         | 2  | 2  |   |
| N.D.                   | 16                     | 15  | 15      | 5   | 5         | 0   | 2                       | 0   | 2       | 0   | 0         | 0   | 0                            | 0   | 0       | 0   | 0         | 0   | 0         | 0   | 0       | 0   | 0         | 0   | 0         | 0   | 0       | 0   | 0         | 0   | 0               | 0   | 0       | 0   | 0         | 0   | 0         | 0  | 0  |   |
| Ohio                   | 234                    | 255 | 219     | 78  | 65        | 95  | 94                      | 64  | 40      | 23  | 21        | 46  | 19                           | 15  | 10      | 10  | 24        | 10  | 0         | 0   | 12      | 24  | 10        | 16  | 12        | 15  | 129     | 15  | 45        | 13  | 0               | 0   | 0       | 0   | 0         | 0   | 0         | 0  | 0  |   |
| Oklahoma               | 97                     | 98  | 93      | 23  | 23        | 29  | 15                      | 13  | 6       | 6   | 0         | 3   | 0                            | 0   | 0       | 4   | 4         | 3   | 0         | 0   | 3       | 4   | 3         | 4   | 3         | 4   | 3       | 4   | 3         | 4   | 3               | 4   | 3       | 4   | 3         | 4   | 3         | 4  |    |   |
| Oregon                 | 77                     | 27  | 27      | 20  | 20        | 9   | 7                       | 7   | 7       | 7   | 3         | 1   | 1                            | 1   | 1       | 5   | 4         | 4   | 3         | 3   | 4       | 3   | 3         | 3   | 3         | 3   | 3       | 3   | 3         | 3   | 3               | 3   | 3       | 3   | 3         | 3   | 3         | 3  |    |   |

<sup>a</sup> These figures represent the number of air quality monitoring stations reporting (Rptg) to the National Aerometric Data Bank as of June 15, 1974.

<sup>b</sup> These figures represent the number of air quality monitoring stations proposed (Prop) for the planned (1974) complete network as described in the State Implementation Plan. In some cases sizeable modifications have been made to these original assessments of planned monitoring strength. However, it is not known in many of these cases just what the modifications have been.

<sup>c</sup> These figures represent the number of stations needed to satisfy the minimum Federal requirements (Min req) as defined in the Federal Register.<sup>3</sup>

Table 3-6 (continued). NUMBER OF STATIONS REPORTING IN 1973 VERSUS STATE IMPLEMENTATION PLAN AND FEDERAL REGISTER REQUIREMENTS, BY STATE OR TERRITORY

| States and territories | TSP                    |           |                           | SO <sub>2</sub> (24-hr) |           |              | SO <sub>2</sub> (continuous) |           |              | CO        |           |              | Oxidants  |           |              | NO <sub>2</sub> |           |              |     |     |     |     |     |     |     |      |     |     |     |   |   |
|------------------------|------------------------|-----------|---------------------------|-------------------------|-----------|--------------|------------------------------|-----------|--------------|-----------|-----------|--------------|-----------|-----------|--------------|-----------------|-----------|--------------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|---|---|
|                        | 1973 <sup>a</sup> Rptg | Prop Rptg | Min <sup>c</sup> Req Rptg | 1973 Rptg               | Prop Rptg | Min Req Rptg | 1973 Rptg                    | Prop Rptg | Min Req Rptg | 1973 Rptg | Prop Rptg | Min Req Rptg | 1973 Rptg | Prop Rptg | Min Req Rptg | 1973 Rptg       | Prop Rptg | Min Req Rptg |     |     |     |     |     |     |     |      |     |     |     |   |   |
|                        |                        |           |                           |                         |           |              |                              |           |              |           |           |              |           |           |              |                 |           |              |     |     |     |     |     |     |     |      |     |     |     |   |   |
| Penn                   | 131                    | 116       | 70                        | 68                      | 15        | 0            | 0                            | 29        | 15           | 10        | 59        | 10           | 14        | 8         | 5            | 50              | 5         | 11           | 5   | 4   | 44  | 4   | 11  | 4   | 18  | 60   | 16  | 46  | 17  |   |   |
| P. R.                  | 5                      | 22        | 3                         | 3                       | 5         | 3            | 3                            | 3         | 3            | 0         | 19        | 0            | 1         | 0         | 0            | 1               | 0         | 0            | 0   | 0   | 0   | 0   | 0   | 0   | 5   | 19   | 5   | 0   | 0   |   |   |
| R. I.                  | 28                     | 25        | 7                         | 7                       | 22        | 21           | 21                           | 5         | 5            | 3         | 4         | 3            | 2         | 2         | 4            | 4               | 4         | 2            | 2   | 1   | 4   | 1   | 2   | 1   | 4   | 25   | 4   | 6   | 4   |   |   |
| S. C.                  | 79                     | 68        | 32                        | 32                      | 54        | 39           | 38                           | 13        | 13           | 10        | 6         | 6            | 2         | 2         | 1            | 0               | 0         | 0            | 0   | 2   | 1   | 1   | 1   | 1   | 53  | 0    | 0   | 0   | 0   |   |   |
| S. D.                  | 8                      | 6         | 5                         | 5                       | 1         | 4            | 1                            | 3         | 1            | 0         | 0         | 0            | 0         | 0         | 0            | 0               | 0         | 0            | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0    | 0   | 0   | 0   |   |   |
| Tennessee              | 102                    | 96        | 39                        | 39                      | 56        | 45           | 42                           | 14        | 13           | 4         | 6         | 3            | 4         | 3         | 4            | 5               | 3         | 0            | 0   | 8   | 7   | 6   | 5   | 5   | 6   | 38   | 5   | 11  | 2   |   |   |
| Texas                  | 208                    | 221       | 53                        | 53                      | 106       | 171          | 106                          | 37        | 36           | 5         | 61        | 5            | 13        | 4         | 5            | 79              | 5         | 2            | 1   | 9   | 81  | 9   | 20  | 9   | 17  | 69   | 7   | 27  | 8   |   |   |
| Utah                   | 2                      | 19        | 2                         | 2                       | 4         | 15           | 4                            | 8         | 4            | 3         | 6         | 3            | 2         | 2         | 0            | 5               | 0         | 2            | 0   | 0   | 5   | 0   | 2   | 0   | 1   | 21   | 1   | 9   | 1   |   |   |
| Vermont                | 7                      | 10        | 4                         | 4                       | 0         | 3            | 0                            | 4         | 0            | 0         | 6         | 0            | 1         | 0         | 0            | 1               | 0         | 0            | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 1    | 0   | 0   | 0   | 0 |   |
| Virginia               | 181                    | 108       | 44                        | 44                      | 74        | 47           | 46                           | 12        | 12           | 12        | 9         | 8            | 4         | 4         | 13           | 7               | 7         | 2            | 2   | 13  | 7   | 7   | 7   | 7   | 8   | 40   | 8   | 21  | 6   |   |   |
| Washington             | 44                     | 72        | 31                        | 31                      | 7         | 4            | 3                            | 10        | 7            | 7         | 21        | 7            | 3         | 3         | 9            | 9               | 7         | 7            | 7   | 6   | 7   | 5   | 5   | 5   | 4   | 13   | 3   | 10  | 3   |   |   |
| W. Virginia            | 37                     | 30        | 24                        | 19                      | 12        | 21           | 12                           | 10        | 3            | 0         | 2         | 0            | 2         | 0         | 0            | 1               | 0         | 0            | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 0    | 0   | 0   | 0   | 0 |   |
| Wisconsin              | 77                     | 74        | 27                        | 27                      | 31        | 30           | 26                           | 9         | 9            | 2         | 9         | 2            | 2         | 1         | 1            | 9               | 1         | 0            | 0   | 0   | 0   | 11  | 0   | 4   | 0   | 3    | 14  | 2   | 10  | 1 |   |
| Wyoming                | 13                     | 10        | 7                         | 7                       | 5         | 3            | 1                            | 3         | 3            | 0         | 0         | 0            | 0         | 0         | 0            | 0               | 0         | 0            | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 0    | 0   | 0   | 0   | 0 |   |
| A. S.                  | 0                      | 1         | 0                         | 0                       | 0         | 1            | 0                            | 1         | 0            | 0         | 0         | 0            | 0         | 0         | 0            | 0               | 0         | 0            | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0   | 0   | 0   | 0 | 0 |
| Guam                   | 9                      | 2         | 1                         | 1                       | 7         | 3            | 3                            | 3         | 3            | 0         | 1         | 0            | 1         | 0         | 0            | 0               | 0         | 0            | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0   | 0   | 0   | 0 | 0 |
| V. I.                  | 4                      | 5         | 4                         | 3                       | 3         | 3            | 3                            | 3         | 3            | 0         | 1         | 0            | 1         | 0         | 0            | 0               | 0         | 0            | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0   | 0   | 0   | 0 | 0 |
| TOTAL                  | 3591                   | 3512      | 1341                      | 1240                    | 1506      | 1434         | 1104                         | 656       | 503          | 422       | 698       | 350          | 213       | 137       | 289          | 457             | 238       | 137          | 106 | 252 | 455 | 216 | 214 | 142 | 649 | 1180 | 453 | 429 | 195 |   |   |

<sup>a</sup>These figures represent the number of air quality monitoring stations reporting (Rptg) to the National Aerometric Data Bank as of June 15, 1974.

<sup>b</sup>These figures represent the number of air quality monitoring stations proposed (Prop) for the planned (1974) complete network as described in the State Implementation Plan. In some cases sizeable modifications have been made to these original assessments of planned monitoring strength. However, it is not known in many of these cases just what the modifications have been.

<sup>c</sup>These figures represent the number of stations needed to satisfy the minimum Federal requirements (Min req) as defined in the Federal Register.<sup>3</sup>

Table 3-7. NUMBER OF STATIONS REPORTING IN 1973 VERSUS STATE IMPLEMENTATION PLAN (SIP) AND FEDERAL REGISTER REQUIREMENTS, BY EPA REGION

| Pollutant                       | EPA Region |     |     |     |     |     |     |      |     |     | Total |
|---------------------------------|------------|-----|-----|-----|-----|-----|-----|------|-----|-----|-------|
|                                 | I          | II  | III | IV  | V   | VI  | VII | VIII | IX  | X   |       |
| Total suspended particulate     |            |     |     |     |     |     |     |      |     |     |       |
| Stations reporting <sup>a</sup> | 202        | 378 | 450 | 729 | 703 | 427 | 229 | 116  | 184 | 173 | 3591  |
| Proposed in SIP <sup>b</sup>    | 219        | 426 | 365 | 647 | 773 | 409 | 207 | 130  | 186 | 162 | 3524  |
| Number reporting <sup>b</sup>   | 195        | 345 | 343 | 575 | 636 | 369 | 197 | 97   | 144 | 121 | 3022  |
| Minimum required <sup>c</sup>   | 88         | 96  | 175 | 276 | 256 | 104 | 104 | 67   | 98  | 77  | 1341  |
| Number reporting <sup>c</sup>   | 85         | 96  | 166 | 264 | 216 | 104 | 104 | 48   | 83  | 74  | 1240  |
| Sulfur dioxide (24-hr)          |            |     |     |     |     |     |     |      |     |     |       |
| Stations reporting              | 127        | 100 | 159 | 464 | 304 | 189 | 77  | 16   | 49  | 21  | 1506  |
| Proposed in SIP                 | 136        | 30  | 122 | 440 | 319 | 227 | 61  | 42   | 40  | 25  | 1442  |
| Number reporting                | 110        | 17  | 99  | 377 | 232 | 156 | 55  | 10   | 34  | 14  | 1104  |
| Minimum required                | 61         | 56  | 78  | 116 | 147 | 65  | 31  | 34   | 39  | 29  | 656   |
| Number reporting                | 54         | 48  | 56  | 101 | 104 | 63  | 24  | 13   | 22  | 18  | 503   |
| Sulfur dioxide (continuous)     |            |     |     |     |     |     |     |      |     |     |       |
| Stations reporting              | 26         | 85  | 61  | 51  | 79  | 15  | 28  | 10   | 53  | 14  | 422   |
| Proposed in SIP                 | 63         | 122 | 122 | 60  | 158 | 75  | 17  | 17   | 39  | 26  | 699   |
| Number reporting                | 24         | 82  | 49  | 37  | 76  | 13  | 15  | 9    | 35  | 10  | 350   |
| Minimum required                | 24         | 28  | 30  | 31  | 56  | 18  | 5   | 5    | 10  | 6   | 213   |
| Number reporting                | 11         | 25  | 21  | 20  | 35  | 8   | 4   | 2    | 7   | 4   | 137   |
| Carbon monoxide                 |            |     |     |     |     |     |     |      |     |     |       |
| Stations reporting              | 8          | 41  | 38  | 28  | 33  | 25  | 23  | 6    | 71  | 16  | 289   |
| Proposed in SIP                 | 24         | 54  | 87  | 29  | 70  | 86  | 19  | 11   | 65  | 14  | 459   |
| Number reporting                | 8          | 40  | 32  | 18  | 32  | 10  | 18  | 6    | 62  | 12  | 238   |
| Minimum required                | 16         | 21  | 21  | 3   | 18  | 2   | 7   | 5    | 33  | 11  | 137   |
| Number reporting                | 4          | 18  | 14  | 2   | 14  | 1   | 7   | 3    | 32  | 11  | 106   |
| Oxidants                        |            |     |     |     |     |     |     |      |     |     |       |
| Stations reporting              | 6          | 23  | 29  | 33  | 21  | 15  | 24  | 7    | 84  | 10  | 252   |
| Proposed in SIP                 | 25         | 32  | 76  | 36  | 64  | 94  | 20  | 11   | 89  | 10  | 457   |
| Number reporting                | 5          | 20  | 23  | 19  | 19  | 15  | 18  | 6    | 83  | 8   | 216   |
| Minimum required                | 16         | 25  | 26  | 22  | 34  | 31  | 11  | 5    | 36  | 8   | 214   |
| Number reporting                | 3          | 18  | 18  | 15  | 18  | 15  | 9   | 3    | 35  | 8   | 142   |

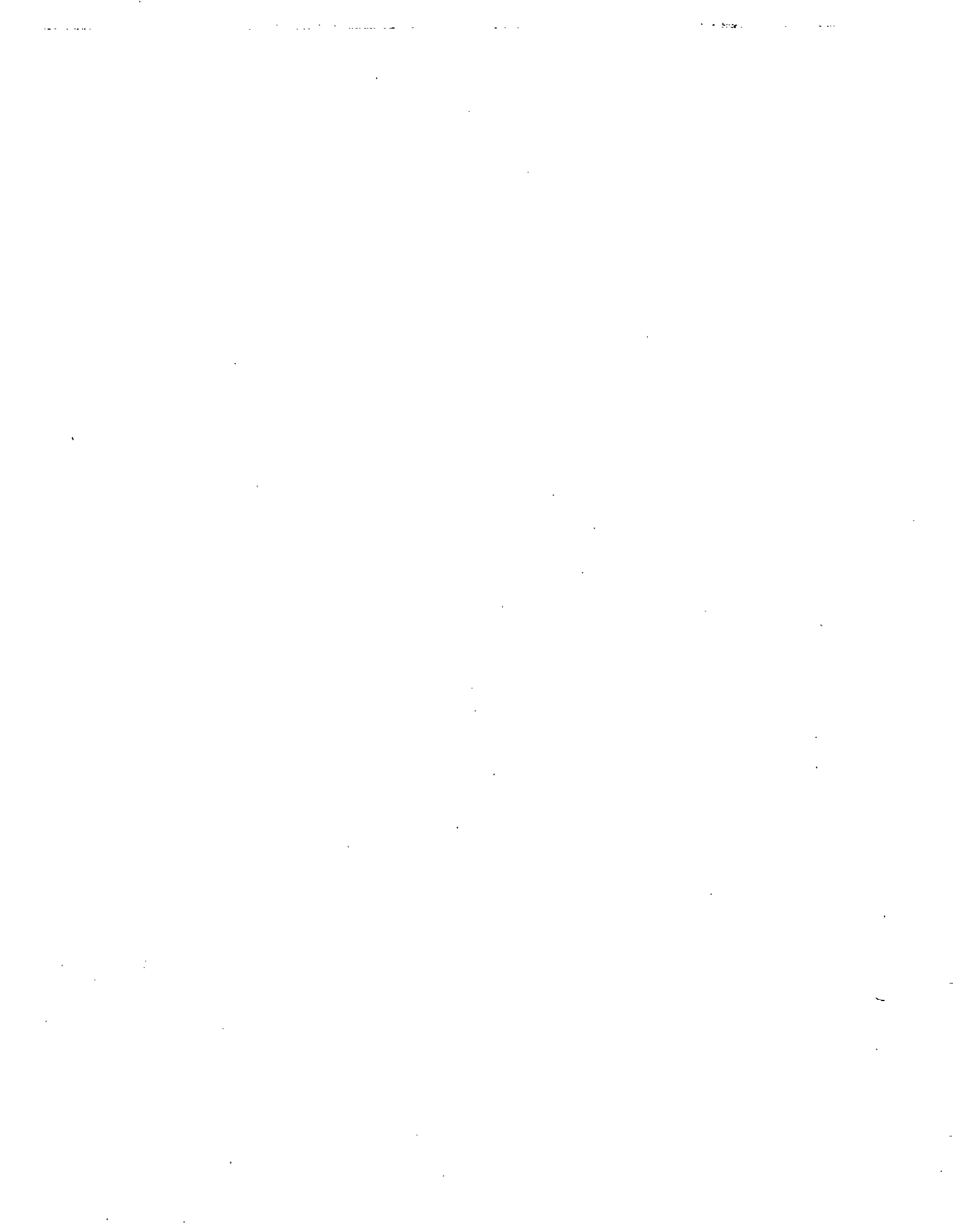
<sup>a</sup>These figures represent the number of stations reporting to the National Aerometric Data Bank as of June 15, 1974.

<sup>b</sup>These figures represent the number of stations proposed in the State Implementation Plans and the number of stations actually reporting.

<sup>c</sup>These figures represent the number of stations needed to satisfy the minimum Federal requirements as defined in the Federal Register<sup>3</sup> and the number of stations actually reporting.

### 3.3 REFERENCES FOR SECTION 3

1. Title 40 - Protection of Environment. National Primary and Secondary Ambient Air Quality Standards. Federal Register. 36(84):8187, April 30, 1971.
2. Monitoring and Air Quality Trends Report, 1972. U.S. Environmental Protection Agency, Research Triangle Park, N.C. Publication Number EPA-450/1-73-004. December 1973.
3. Title 42 - Public Health. Requirements for Preparation, Adoption, and Submittal of Implementation Plans. Federal Register. 36(158):15492, August 14, 1971.





## 4. TRENDS IN AIR QUALITY

Air quality trends in criteria pollutants and in organic suspended particulates - and the techniques employed in analyzing the data - are presented in this section. Although an assessment of national trends can be made for total suspended particulate, sulfur dioxide, benzene-soluble organic suspended particulates, and benzo(a)pyrene, only limited data on oxidant and carbon monoxide are available. Therefore, specific geographic areas are discussed in the sections dealing with  $O_x$  and CO.

### 4.1 TRENDS IN CRITERIA POLLUTANTS

This section discusses trends in criteria pollutants, other than nitrogen dioxide, on both a national and regional basis for total suspended particulate and sulfur dioxide and in specific geographic areas for oxidant and carbon monoxide. For purposes of regional comparison, the nation was divided into five geographical areas: Northeast, South, North Central, Midwest, and West. In terms of EPA Regions, the Northeast consists of EPA Regions I, II, and III; the South of EPA Region IV; the North Central of EPA Region V; the Midwest of EPA Regions VI, VII, and VIII; and the West of EPA Regions IX and X. Figure 4-1 outlines the size and shape of these geographical areas. Characterization of  $NO_2$  trends is omitted because difficulties in measurement methodology have resulted in an extremely limited historical data base for that pollutant.

#### 4.1.1 Data and Methodology

All the data used in this analysis are from the National Aerometric Data Bank, which is comprised of data from state and local monitoring networks and from Federal networks. The purpose of this section is to present a general description of recent trends in concentrations of criteria pollutants. With this in mind, 1970 and later monitoring data were selected using fairly relaxed criteria in order to include as many sites as seemed reasonable. The specific criterion for each pollutant is indicated in Table 4-1. To be included in the analysis, a site had to meet this pollutant criterion in either 1970 or 1971 and either 1972 or 1973. The number of sites satisfying this requirement for each geographical region is indicated in Figure 4-1. It is apparent from this figure that the data bases for carbon monoxide and oxidant are extremely limited in geographical scope. This could be expected because many regions are in the process of initiating their monitoring networks for these pollutants. In contrast, California has had an extensive monitoring network for a wide variety of pollutants for several years; so the bulk of the  $O_x$  data and much of the CO data are from this state.

Table 4-2 shows the number of sites meeting the validity criterion for each pollutant during various time periods. These figures confirm a definite increase in monitoring

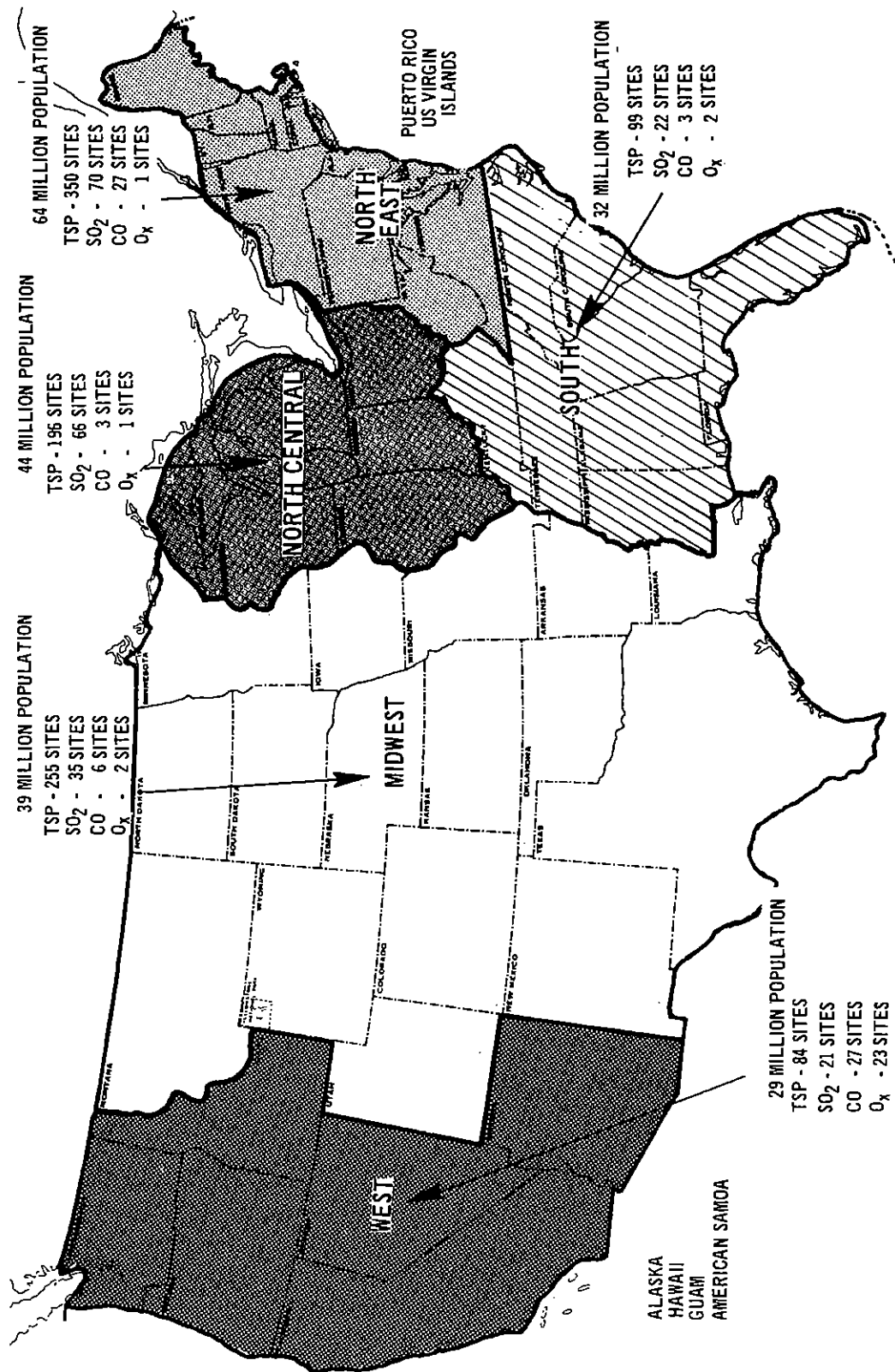


Figure 4-1. Geographical distribution of monitoring sites meeting trend criteria, 1970-73.

Table 4-1. STATION VALIDATION CRITERIA FOR NAAQS POLLUTANTS  
OTHER THAN NITROGEN DIOXIDE

| Pollutant                   | Validity criterion <sup>a</sup>  |
|-----------------------------|----------------------------------|
| Total suspended particulate | Valid year <sup>b</sup>          |
| Sulfur dioxide              | Valid year <sup>b,c</sup>        |
| Oxidant                     | Valid third quarter <sup>c</sup> |
| Carbon monoxide             | Valid quarter <sup>c</sup>       |

<sup>a</sup>To be included in this analysis, a site had to meet this criterion in either 1970 or 1971 and 1972 or 1973.

<sup>b</sup>For TSP and SO<sub>2</sub> noncontinuous sampling instruments (>24-hour measurements), a valid year of data is defined as a year of data with four valid quarters, in each of which a minimum of 5 samples were taken. If no samples are collected in 1 month, neither of the other 2 months in that quarter may have less than 2 samples reported.

<sup>c</sup>For O<sub>x</sub>, CO, and SO<sub>2</sub> continuous sampling instruments (<24-hour measurement), each quarter and year must have at least 75 percent of the total number of possible observations.

activity as illustrated by a comparison of the number of sites satisfying the trend criteria during 1972 or 1973 with those in 1970 or 1971. There was an increase of 90 percent for TSP and well over 100 percent for the other three pollutants. In fact, because data from 1973 are still being received by the National Aerometric Data Bank, the actual increases are probably even greater.

The choice of a validity criterion for each pollutant was based upon a consideration of the amount of data available and the relative degree of seasonality that characterized the pollutant. A large number of sites satisfied the valid year criterion for TSP and SO<sub>2</sub>, and this was used as the requirement. The limited data bases for CO and O<sub>x</sub> indicated the need for a less restrictive criterion; so validity was based upon quarterly data. A valid third quarter was required for oxidant in order to ensure that the typical oxidant season (summer) was represented. Although carbon monoxide is also seasonal, no particular quarter was preselected because the seasonality is not as pronounced as that for oxidants.

An important factor in any analysis is the selection of the appropriate parameter. In terms of relevance, particular attention should be given to those parameters that relate to the National Ambient Air Quality Standards. However, the present analysis does not take meteorological factors into consideration. With this in mind, emphasis is placed upon parameters that are relatively stable indicators of air quality and not as susceptible to temporary, atypical meteorology. For example, the geometric mean is used for TSP and the arithmetic mean for SO<sub>2</sub> rather than the maximum or second highest 24-hour values. Similarly for CO and O<sub>x</sub>, consideration is given to the number of times a standard

Table 4-2. NUMBER OF SITES SATISFYING  
VALIDITY CRITERION FOR SELECTED TIME PERIODS

| Pollutant       | Validity criterion  | Time period  |              |                               |             |
|-----------------|---------------------|--------------|--------------|-------------------------------|-------------|
|                 |                     | 1970 or 1971 | 1972 or 1973 | 1970 or 1971 and 1972 or 1973 | All 4 years |
| TSP             | Valid year          | 1248         | 2364         | 984                           | 251         |
| SO <sub>2</sub> | Valid year          | 305          | 793          | 213                           | 37          |
| CO              | Valid quarter       | 111          | 252          | 66                            | 27          |
| O <sub>x</sub>  | Valid third quarter | 53           | 148          | 28                            | 15          |

was exceeded as well as to peak values. These types of parameters, when averaged over many sites for a 4-year interval, should alleviate most of the possible influences of meteorology.

Most of the analysis is descriptive and relies upon graphical analysis and particularly upon the use of composite averages. In constructing these composite averages, interpolated values were used for any year in which the validity check was not satisfied. These missing values for each site were determined by linear interpolation for missing points within the time interval and by assuming no change when end points were missing. This practice avoided apparent fluctuations in levels caused by variation in the number of sites contributing to the composite in certain years. Although these substituted values could affect specific features of the composite graph, comparisons with subsets of sites having complete data indicated no significant alteration of the general trends. Because many sites are missing in the 1973 data, this method seems to be a reasonable compromise and results in plausible comparisons between the 2-year periods of 1970-1971 and 1972-1973.

A final factor affecting the presentation is that the data do not constitute a random sample. Therefore, regional comparisons are not necessarily valid because the sites in one region may only reflect high values, whereas another area may have many rural sites contributing to the composite average. Furthermore, because the sites are not randomly distributed throughout the regions, it is possible that the composite graphs may be dominated by sites from one particular city. Where these factors seem significant, they are indicated in the analysis.

#### 4.1.2. National and Regional Trends in TSP

During the 4-year period from 1970 to 1973, a general decline in total suspended particulate levels occurred throughout the nation. This trend occurred in all five geographic areas as indicated by the regional and national composite averages in Figure 4-2. These downward trends in TSP are consistent with the trends observed in annual averages for the National Aerometric Surveillance Network during the period 1960 through 1972.<sup>1,2</sup>

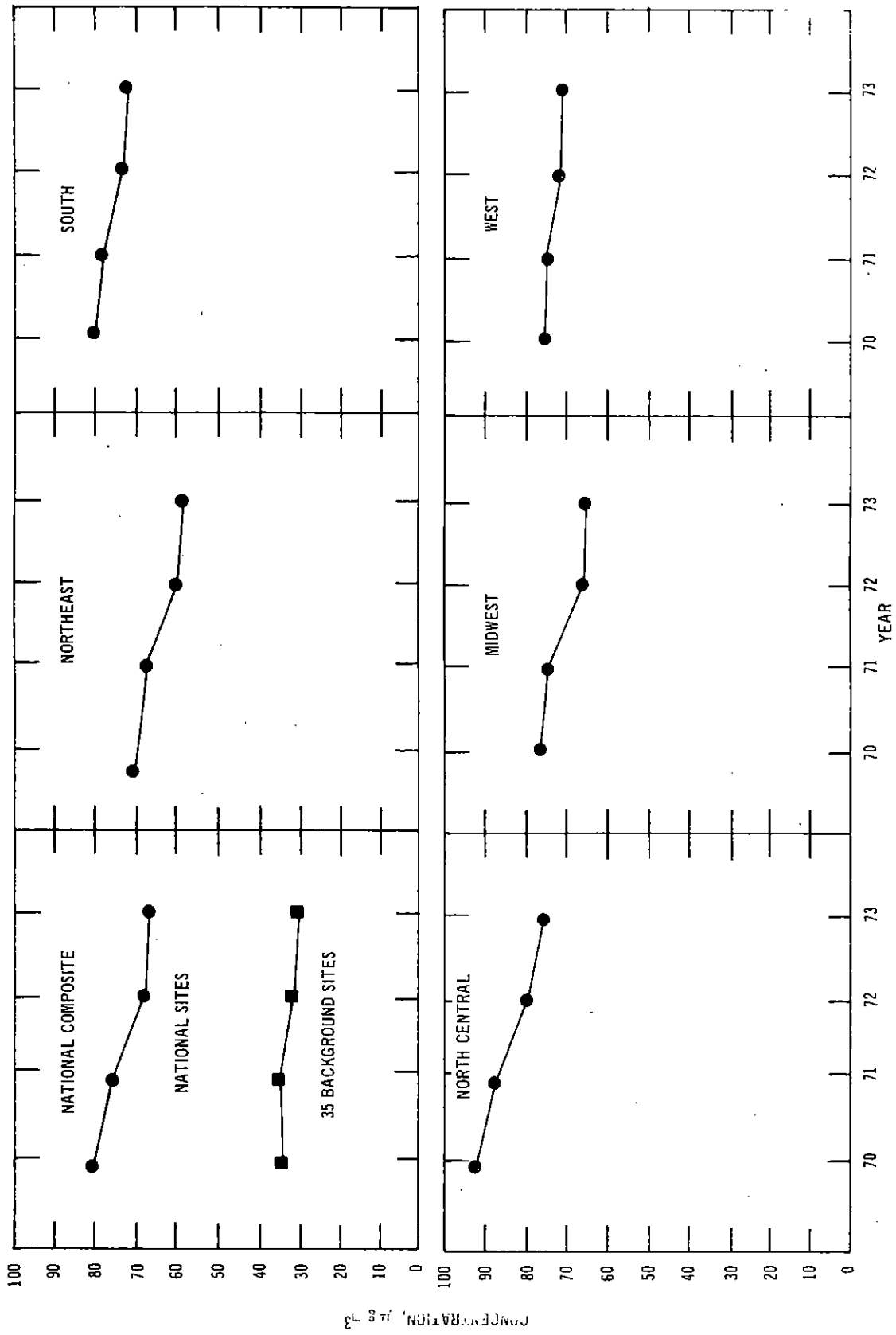


Figure 4-2. National and regional trends in total suspended particulate, 1970 - 1973.

This analysis confirms that ambient suspended particulate concentrations are continuing to improve even though many stations are recording concentrations in excess of the NAAQS.

The composite graph of the annual averages for TSP of the 35 background sites is also presented in Figure 4-2. Essentially it shows a slight decline caused primarily by decreases in the Midwest.

The Storage and Retrieval of Aerometric Data (SAROAD) coding system permits classification of the monitoring sites into three broad surveillance categories: (1) population-oriented, (2) source-oriented, and (3) background. Table 4-3 presents this breakdown for the various geographical areas involved in this analysis. Although this does not constitute a precise categorization of the sites, it is sufficient to indicate that in all regions the population-oriented monitoring sites predominate. It is reasonable, therefore, to assume that the trends presented here primarily reflect recent patterns in urbanized population centers. As air quality monitoring efforts continue to increase, it will become possible to obtain a more complete picture of air quality at all types of sites.

Table 4-3. SURVEILLANCE CATEGORIES FOR TOTAL SUSPENDED PARTICULATE SITES  
(number of sites)

| Surveillance type   | Geographical area |       |               |         |      |        |
|---------------------|-------------------|-------|---------------|---------|------|--------|
|                     | Northeast         | South | North Central | Midwest | West | Nation |
| Population-oriented | 333               | 95    | 179           | 243     | 75   | 925    |
| Source-oriented     | 9                 | 1     | 10            | 1       | 3    | 24     |
| Background          | 8                 | 3     | 7             | 11      | 6    | 35     |
| Total               | 350               | 99    | 196           | 255     | 84   | 984    |

Another indicator of the general improvements in TSP air quality is the decrease in the numbers of stations reporting concentrations above the primary NAAQS. Table 4-4 shows the status of the trend sites with respect to the annual mean TSP standards. The percentage of sites between the two standards remained relatively constant, but the general downward trend is evidenced by the increasing percentage of sites below the primary standard. The trend is also occurring at higher concentration levels with 28 percent of the sites being above 90 mg/m<sup>3</sup> in the 1970-71 period compared with only 18 percent in this range in the 1972-73 period.

This indication of a general downward pattern in TSP levels is indicative of the general success of control measures for particulate.

Table 4-4. STATUS OF SITES MEASURING TOTAL SUSPENDED PARTICULATE WITH RESPECT TO ANNUAL MEAN STANDARD  
(percent)

|              | Below secondary standard | Between secondary and primary | Above primary |
|--------------|--------------------------|-------------------------------|---------------|
| 1970 to 1971 | 32                       | 23                            | 45            |
| 1972 to 1973 | 44                       | 24                            | 32            |

Specific localities, however, may not be following this general pattern. Such cases may be the result of atypical meteorology, lack of fully implemented control regulations, or departures from these regulations by the granting of variances. For example, meteorological factors such as a long-term drying trend could be important. Detailed studies of such matters are in progress.

#### 4.1.3 National and Regional Trends in Sulfur Dioxide

As indicated in previous trends reports,<sup>1,2</sup> a pronounced decline in sulfur dioxide levels has occurred throughout the nation. As shown in Figure 4-3, this downward trend is apparent throughout the nation with, perhaps, a certain degree of leveling off at stations at which concentrations are well below the annual standard. In comparing the 1970-71 period with the 1972-73 period, the percentage of sites used in the trends analysis that exceeded the annual average standard dropped from 8 percent to 3 percent.

In presenting these trends in sulfur dioxide levels, it is important to consider the geographical distribution of the sites. Table 4-5 indicates that 199 out of 213 (93 percent) of the sites used in this analysis were population-oriented. This indicates that these downward trends are representative of general patterns in urbanized population centers and may not adequately reflect SO<sub>2</sub> levels in the vicinity of nonurban point

Table 4-5. SURVEILLANCE CATEGORIES FOR SULFUR DIOXIDE SITES  
(number of sites)

| Surveillance type   | Geographical area |       |               |         |      |        |
|---------------------|-------------------|-------|---------------|---------|------|--------|
|                     | Northeast         | South | North Central | Midwest | West | Nation |
| Population-oriented | 65                | 18    | 62            | 33      | 21   | 199    |
| Source-oriented     | 1                 | 1     | 2             | 0       | 0    | 4      |
| Background          | 4                 | 2     | 2             | 2       | 0    | 10     |
| Total               | 70                | 21    | 66            | 35      | 21   | 213    |

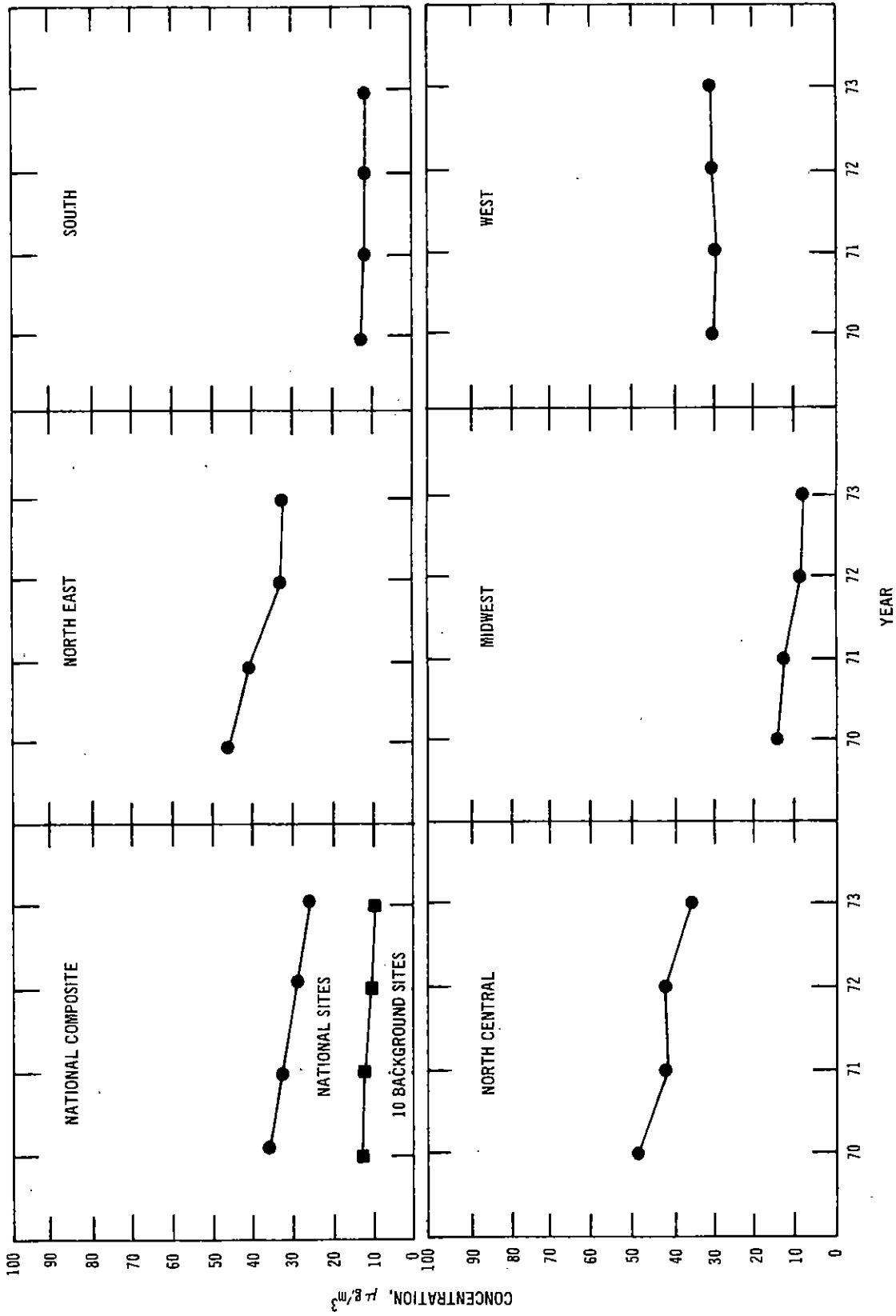


Figure 4-3. National and regional trends in sulfur dioxide, 1970 - 1973.



sources. The 10 background sites were also examined and the composite graph of their annual averages is indicated in Figure 4-3. As can be seen, the SO<sub>2</sub> levels have remained relatively stable over the 4-year period.

In discussing recent trends in SO<sub>2</sub> levels, special attention should be given to the possible impact of the recent energy crisis. In previous trends reports, the effect of sulfur regulations, strong enforcement practices, and fuel switching upon SO<sub>2</sub> levels has been discussed. The impact of recent variances was not treated in this general discussion because the data were not generally available in sufficient quantities during the winter of 1973-74 to permit such an evaluation. A case study of the impact of the energy shortage on SO<sub>2</sub> air quality is presented, however, in Section 5.1 of this report.

#### 4.1.4. Trends in Oxidant

As indicated in the discussion on the air quality data base, most of the sites measuring oxidant that met the minimum trend criterion are located in California. The other sites outside California that met the trend analysis criterion are not discussed because of their heterogeneous nature and because they are too few to adequately provide an indication of any national trends. The 22 sites located in California were examined within four groupings: Coastal Los Angeles (Downtown Los Angeles, West Los Angeles, Lennox, and Long Beach), Noncoastal Los Angeles (Anaheim, Azusa, La Habra, Reseda, and Redlands), the San Francisco Bay Area (Fremont, Oakland, Pittsburg, Redwood City, San Leandro, and San Rafael), and the remaining California sites. Both averages of the second highest annual 1-hour average oxidant levels as well as the average annual number of hourly values exceeding the 1-hour NAAQS were examined for composite groups within the Los Angeles area and the Bay area during the 4-year period from 1970 to 1973.

In general, the trends found at these California sites confirm the longer-term oxidant trends previously reported.<sup>1,2</sup> This improvement has been noted both in the magnitude of the peak hourly oxidant concentrations indicated in Figure 4-4 as well as the number of values above the 1-hour NAAQS presented in Table 4-6.

The group of sites within the Los Angeles Air Quality Control Region that has experienced some of the historical oxidant problems continues to show improvement. A notable deviation from the general pattern of decline in concentrations did occur, however, in some areas of the Los Angeles Basin as indicated by the trend at four coastal sites in Los Angeles. The California Air Resources Board attributes the high oxidant concentrations recorded during 1973 to extranormal meteorological conditions. They state in their report, California Air Quality Data, January through March 1973,<sup>3</sup> that under the influence of extensive warm air and high pressure aloft, two oxidant smog episodes developed in the south coast air basin in June 1973. In addition, the frequency of adverse conditions was unusually high for the month as a whole; high pressure aloft occurred on 20 days as opposed to a long-term mean occurrence for June of 8 days. These conditions contributed

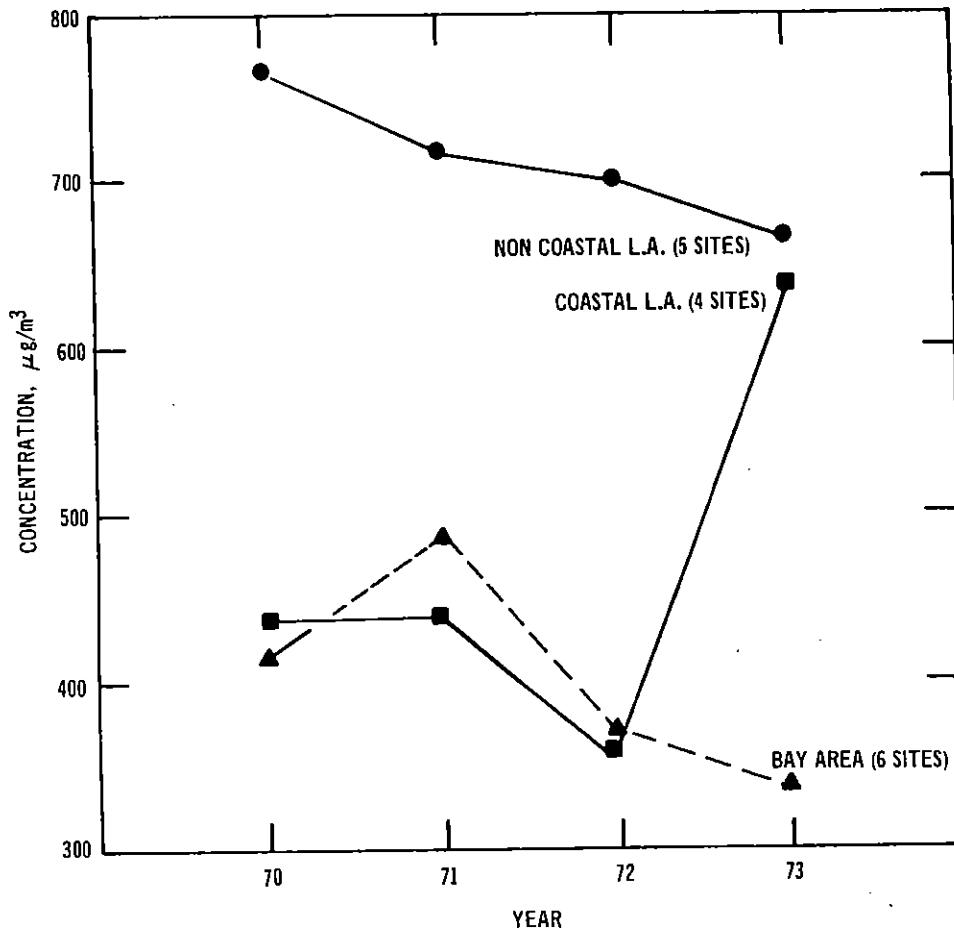


Figure 4-4. Composite averages of second high annual 1-hour oxidant values for various areas within California.

Table 4-6. AVERAGE ANNUAL NUMBER OF VALUES ABOVE 1-HOUR OXIDANT STANDARDS<sup>a</sup> FOR LOS ANGELES AND SAN FRANCISCO BAY REGIONS

| Composite              | Number of stations | Year |      |      |      |
|------------------------|--------------------|------|------|------|------|
|                        |                    | 1970 | 1971 | 1972 | 1973 |
| Coastal Los Angeles    | 4                  | 309  | 202  | 188  | 299  |
| Noncoastal Los Angeles | 5                  | 886  | 768  | 698  | 703  |
| Bay Area               | 6                  | 110  | 77   | 80   | 49   |

<sup>a</sup> The 1-hour National Ambient Air Quality Standard for oxidants is 160 µg/m<sup>3</sup>.

to the slight increase in number of annual violations of the 1-hour NAAQS that occurred within the Los Angeles Basin during 1973.

The sites selected from the San Francisco Bay area have shown improvement in both the second highest annual maximum and in the number of observations exceeding the NAAQS. The Bay Area Air Pollution Control District states, however, that the downward trend in oxidant concentration has leveled off somewhat since 1971.<sup>4</sup> The remaining sites in California show no particular trend over the 4-year period.

Overall the general pattern seems to be one of modest improvements in peak oxidant levels and in the frequency with which the NAAQS are exceeded. These improvements are consistent with scheduled reductions of hydrocarbon emissions (which are known to cause oxidant formation) as shown in Figure 4-5. These normalized hydrocarbon emission curves indicate that ambient levels of oxidant precursors have probably decreased by approximately 10 percent.

#### 4.1.5 Trends in Carbon Monoxide

Carbon monoxide trends are presented for six groupings: the Los Angeles area, the San Francisco Bay area, the State of New Jersey, the State of New York, the State of Washington, and the remainder of the U.S. For this pollutant, composite averages of the second annual maximum 1-hour concentration and the average percentage of observations exceeding the 8-hour NAAQS for CO are presented for each grouping during 1970-73.

Carbon monoxide concentrations experienced a nationwide decline during 1970-73, as evidenced by a downward trend in the percentage of annual values above the 8-hour NAAQS of 10 mg/m<sup>3</sup>. Table 4-7 indicates that most groups of sites examined have made progress toward meeting the 8-hour standard. The decline in the percentage of values above the 8-hour standard can be seen in Figure 4-6. This progress is noteworthy because it is the 8-hour CO standard that is most frequently violated.

With respect to the annual second highest 1-hour average CO concentrations, only the sites in California, as a group, appear to have made sustained progress in this parameter. In particular, the Los Angeles sites, which have historically produced some of the highest 1-hour CO concentrations, have steadily declined in this parameter from a composite level of 32 mg/m<sup>3</sup> in 1970 to 26 mg/m<sup>3</sup> in 1973. Nevertheless, 2 of 10 sites examined in Los Angeles still exceeded the 1-hour NAAQS in 1973. On the other hand, as indicated in Table 4-7, the various groups of sites outside of California did not show any apparent change in the annual levels of the second highest annual 1-hour CO concentration. Each area appears to have experienced a moderate increase in peak 1-hour CO during 1973 that offset the previous decline observed during 1972. This occurred despite the decrease in the percentage of annual values above the 8-hour standard.

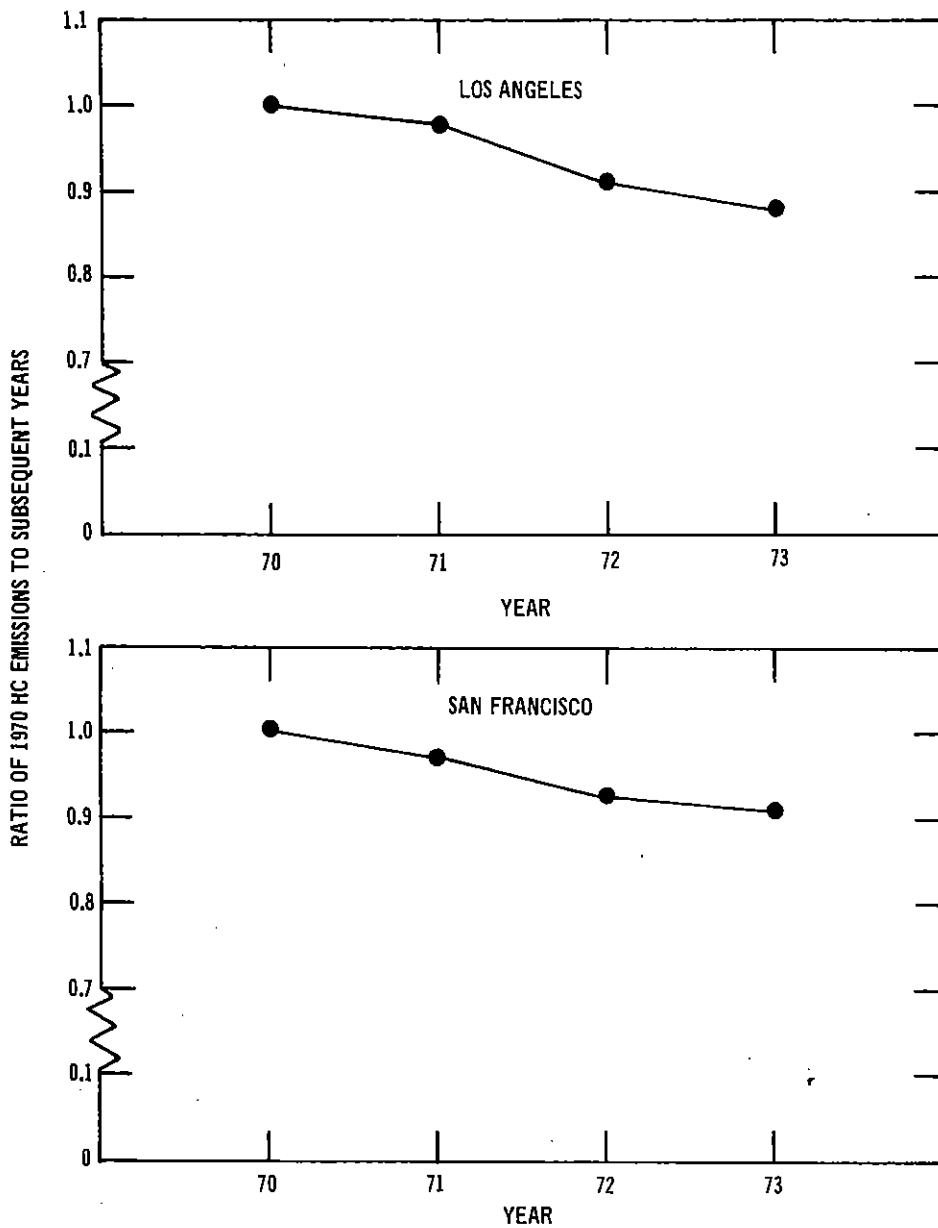


Figure 4-5. Normalized hydrocarbon emission curves for the Los Angeles and San Francisco bay areas, 1970 - 1973. These curves are based on the Federal Motor Vehicle Control Curve (Federal Register, 36(158): August 14, 1971, p. 15500 - 15502) and appropriate Transportation Control Plans.

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The apparent discrepancy between the downward trend in the percentage of annual values above the 8-hour NAAQS as compared with the lack of sustained change in the second highest 1-hour concentration is not too surprising. Short-term statistics such as the 1-hour maximum are notoriously influenced by irregular conditions. Consequently, the high variability of the 1-hour maximum may cause it to be an unreliable indicator of real change; however, because of its relationship to the NAAQS, its information content should not be ignored. The percentage of values above a particular threshold,

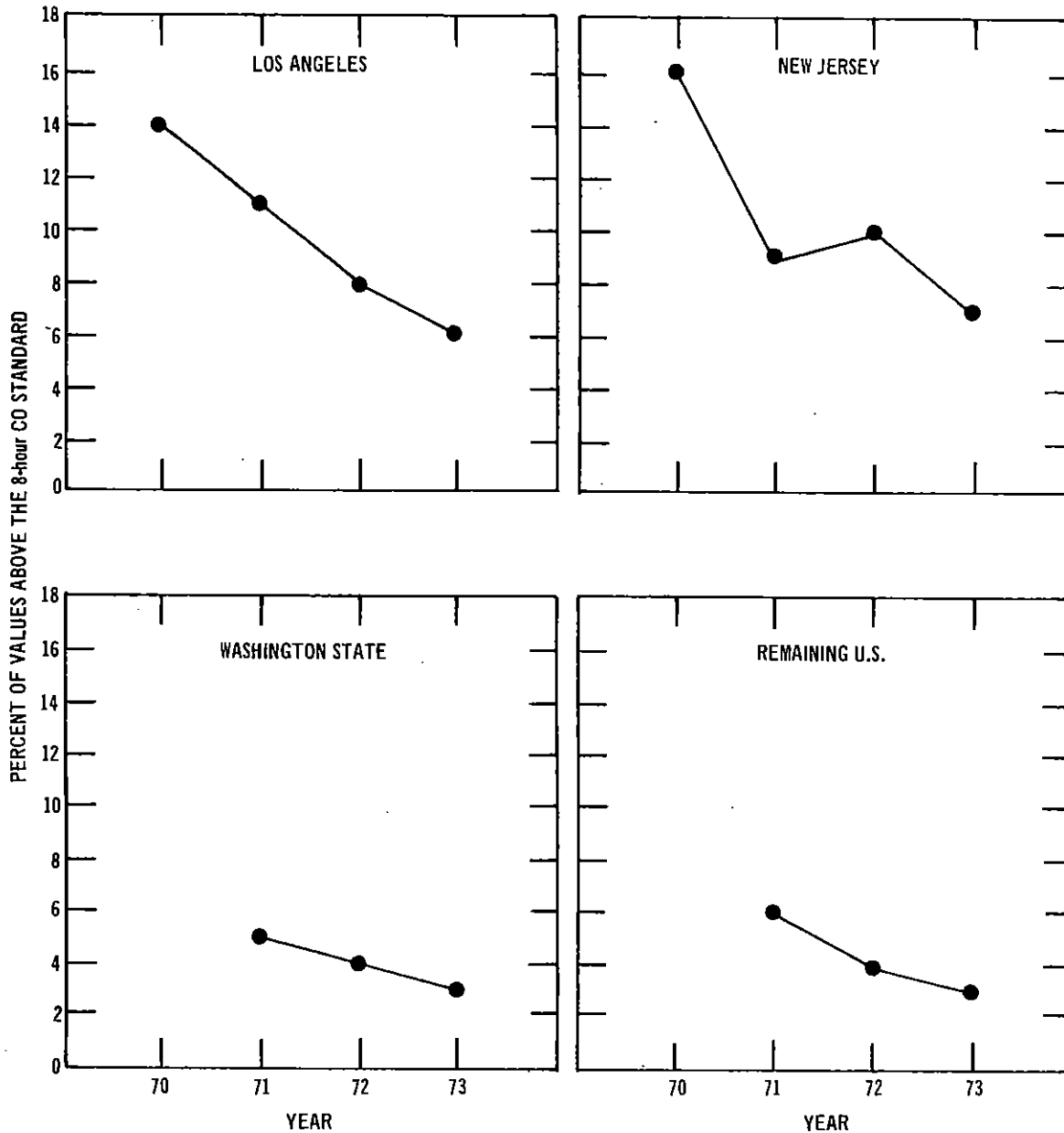


Figure 4-6. Annual average percent of values above the 8-hour carbon monoxide standard for selected areas, 1970 - 1973.

such as the 8-hour NAAQS, takes into consideration an entire year of data, averaging out a variety of conditions and is, therefore, a more stable indicator.

The decreasing trends in the percentage of values above the 8-hour NAAQS seen in Table 4-7 can be explained in part by the reduction in CO emissions as seen in Figure 4-7, which shows the normalized CO emission curves. As the figure indicates, CO emissions have decreased in each of the specific areas examined, demonstrating, in part, the success of the Federal Motor Vehicle Emissions Control Program.

**Table 4-7. ANNUAL SECOND HIGHEST 1-HOUR AVERAGE CARBON MONOXIDE CONCENTRATIONS AND PERCENTAGE OF ANNUAL VALUES ABOVE 8-HOUR STANDARD FOR COMPOSITE GROUPS OF SITES, 1970-1973**

| Site group             | Number of sites | Average second highest annual 1-hour CO concentration, mg/m <sup>3</sup> |      |      |      | Average percentage above 8-hour standard |      |      |      |
|------------------------|-----------------|--|------|------|------|--|------|------|------|
|                        |                 | 1970   | 1971 | 1972 | 1973 | 1970                                     | 1971 | 1972 | 1973 |
| Los Angeles            | 10              | 32   | 32   | 31   | 26   | 14                                       | 11   | 8    | 6    |
| San Francisco Bay Area | 7               | 15   | 16   | 16   | 14   | a  | a    | a    | a    |
| New Jersey             | 15              | 29   | 30   | 28   | 30   | 16                                       | 9    | 10   | 7    |
| New York State         | 8               |  | 20   | 16   | 18   |  | 1    | a    | 1    |
| Washington State       | 7               |  | 21   | 20   | 23   |  | 5    | 4    | 3    |
| Remaining U.S.         | 17              |  | 30   | 27   | 29   |  | 6    | 4    | 3    |

<sup>a</sup> Less than 0.5 percent.

#### 4.2 TRENDS IN ORGANIC SUSPENDED PARTICULATE

This section discusses the significant findings of recent studies,<sup>5,6</sup> which show that atmospheric levels of man-made organic particulate air pollution are on the decline in most urban areas. The term organic particulates refers to that portion of total particulate matter (dust, spray, and mist) that is soluble in benzene. These organics are called benzene-soluble organics (BSO) and include benzo(a)pyrene (BaP), a potential carcinogen.<sup>7</sup> BSO can constitute up to 10 percent of particulate matter in certain urban areas. Major sources of this type of pollution are coal burning in residential furnaces, wood burning, motor vehicle emissions, and open refuse burning.

In 32 areas where complete data were available, levels of BSO dropped nearly 50 percent between 1960 and 1970, and BaP levels dropped about 30 percent between 1966 and 1970. The 32 urban areas experiencing a decline in one or both of these pollutants included Los Angeles and San Francisco, Seattle, Atlanta, Chicago, Baltimore, Cleveland, Philadelphia, and Houston.

The reductions in BSO and BaP apparently resulted from a decrease of approximately 50 percent in the use of coal by small consumers for heating purposes during the 1970's. Local open burning restrictions and automobile emission controls instituted during the same period may also have contributed to the BSO and BaP declines.

The measurement sites were mainly located in central city areas; therefore, they may not necessarily represent trends in other parts of the same urban area. Because of differences in site location, in the type of pollution sources located adjacent to the

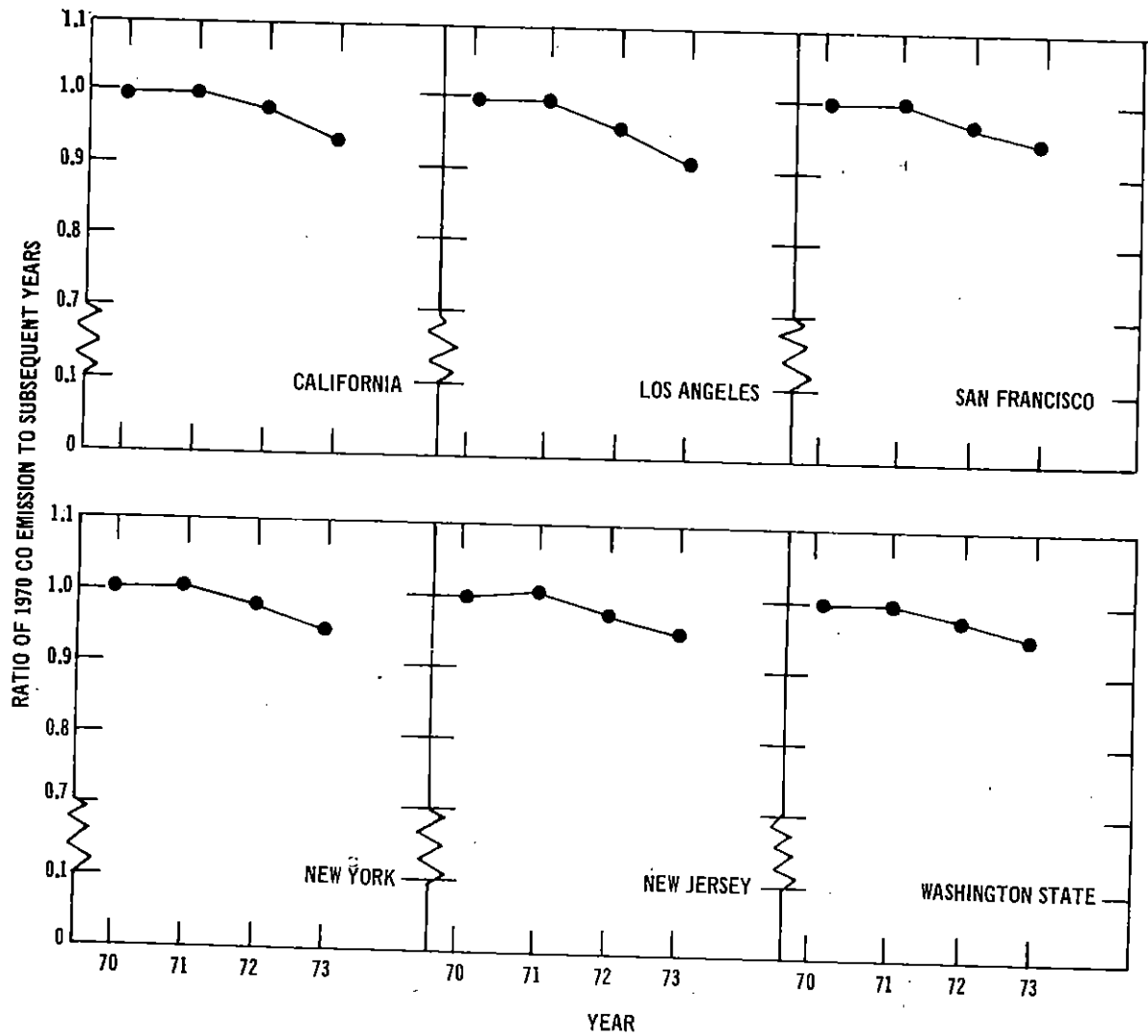


Figure 4-7. Normalized carbon monoxide emission curves for selected areas, 1970 - 1973. (These curves are based on the Federal Motor Vehicle Control Curve and appropriate Transportation Control Plans.)

sampling site, and in other similar variable factors, the measurements from one urban area cannot be used to compare its pollution levels with those of other cities.

In summary, the decline in BaP and BSO in urban areas appears to be the result of existing control regulations affecting the burning of coal. Because the decline between 1960 and 1972 has been so dramatic, no national standard for control of these pollutants is anticipated. The present national strategy is to continue monitoring and to take no direct control action.

4.2.1 Data Base

The data used in this analysis were obtained through the NASN, which has been in operation since 1957. The NASN has been administered by a number of Federal agencies

responsible for monitoring important air pollutants on a nationwide basis. Under NASN, approximately 250 high-volume samplers are maintained annually in major American cities and selected rural areas. Each monitoring station in the network obtains 24-hour samples on a biweekly basis. After collection, the samples are forwarded to a central laboratory for gravimetric and chemical analyses of the suspended particulates. Since 1964, the organic analysis has been done by compositing individual samples by quarter to save both time and expense in analysis.

For measurement of the benzene-soluble fraction, the sample is extracted with redistilled benzene in a Soxhlet extractor for 6 hours. Removal of the solvent leaves the dissolved organic material as a residue. BaP is determined by separating the extracted organic material into its different components by thin-layer chromatography and then removing the BaP from the thin-layer absorbent. The BaP is then dissolved in sulfuric acid, and its concentration is measured by fluorescence spectroscopy.

The urban NASN sampling sites were chosen to be generally representative of the downtown business districts in their respective cities. On the other hand, nonurban sites are generally located in Federal or state parks removed to a great extent from the direct impact of man. Data from these sites either provide estimates of background concentrations of the organic particulates released near the sites from man-made or natural sources, or serve as an indication of long-range transport phenomena from urban areas. The difference between urban and nonurban concentrations provides a gross estimate of the effect of the varied urban pollution sources on concentrations of these organic suspended particulates.

The last year for which routine NASN BSO and BaP data exist is 1970, although 1971 and 1972 data are available for a selected group of 33 NASN sites. BSO was analyzed beginning in 1960; however, analysis for BaP did not begin on a routine basis until 1966. Data on other important and possibly hazardous hydrocarbons present in the BSO fraction are nonexistent.

The data reported herein represent a single sampling site per urban or nonurban area. As a result, they do not provide an adequate picture of concentrations in other portions of the metropolitan area. Organic particulate data for multiple-site networks within a metropolitan area are just now becoming available, and future reports on this subject can study trends across the entire urbanized area.

Finally, it should be noted that, as with any ambient air quality measurements, meteorology and other extraneous factors can introduce year-to-year variations in particulate loadings and, more specifically, in the organic particulates measured on any given day. Because the data exist as quarterly composited values, these influencing factors were not examined in detail, but it is believed that such effects were inconsequential in terms of the conclusions of the study.



#### 4.2.2 Statistical Methodology

Two distinct approaches were used to show the trends in BSO and BaP concentrations. The first method, which is strictly descriptive, was used to show general or national trends and is based on comparisons of the composite station averages over the period from 1960 to 1970. Unfortunately, the number of stations reporting valid consecutive annual data differed widely during the period. For example, 157 urban sites had data for BSO in both 1969 and 1970, whereas data were available for only 50 urban sites in the interval from 1965 to 1970. To eliminate the possibilities of bias, the analysis of BSO and BaP trends was limited to those stations for which data are available for every year from 1960 through 1970. Thirty-two urban stations satisfied this criterion for BSO. However, the BaP analysis for this same set of stations is restricted to the shorter interval of 1966 to 1970 because, as previously mentioned, pre-1966 BaP data do not exist. Additionally, data from 19 nonurban stations are summarized for BSO and BaP, respectively, over the intervals of 1965 to 1970 and 1966 to 1970 in Figure 4-8. Quarterly composite averages for these same sites are presented to show the effect of the season on concentrations and trend patterns.

A second form of analysis was employed to expose trends at individual stations. This was accomplished by utilizing the Spearman Rank Correlation Coefficient as the test statistic. The Spearman coefficient measures the strength of the association between the annual arithmetic average of BSO and BaP and time. It has the same properties as the common product-moment correlation coefficient; that is, a positive coefficient indicates a direct association (an upward trend), and a negative coefficient indicates an inverse association (a downward trend). The closer the coefficient is to  $\pm 1$ , the stronger the association between the pollutant concentration and time and, thus, the stronger the trend. A two-sided statistical test at the 5 percent level was used to determine the significance of the individual station trends. Although it was previously noted that data are unavailable for some years at some stations, 126 urban and 25 nonurban stations have sufficient data for the analysis of BSO trends by this technique. The same number of urban stations and 22 nonurban stations had sufficient data for BaP trends evaluations.

#### 4.2.3. Trends in Benzene-soluble Organic Particulates

##### 4.2.3.1 National Urban and Nonurban Trends

Composite annual averages of BSO concentrations and BSO expressed as a percentage of TSP are shown in Figure 4-8 for the 32 urban and 19 nonurban NASN stations. The urban composite average concentration of BSO has decreased from  $10.6 \text{ mg/m}^3$  in 1960 to  $4.8 \text{ mg/m}^3$  in 1970, a decline of 55 percent. The general trend line for urban BSO closely parallels the trends observed at the vast majority of the stations included in the composite sample. Statistically downward trends were found for 27 out of the 32 stations represented by this grouping. Only in Helena, Montana, was there some indication found of an increasing trend pattern. Portland, Oregon, did not exhibit a

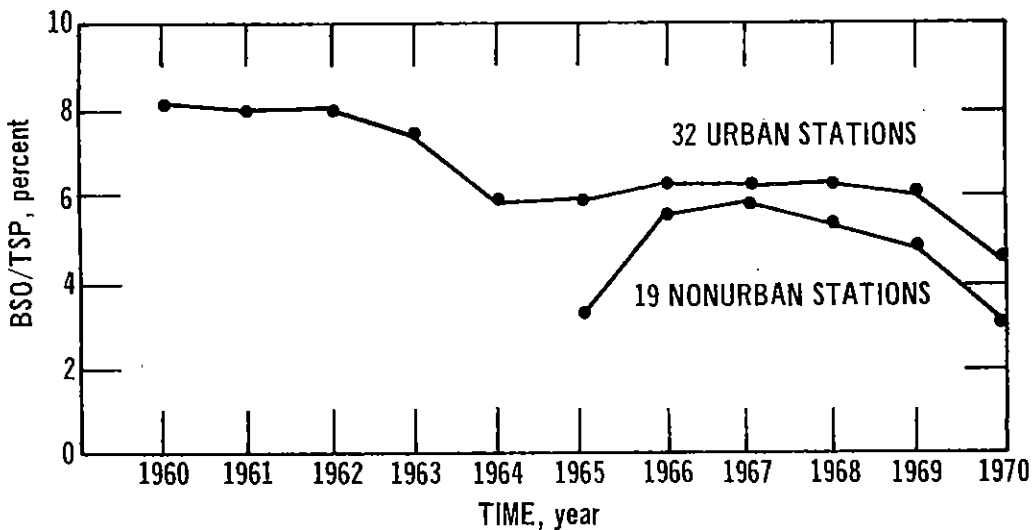
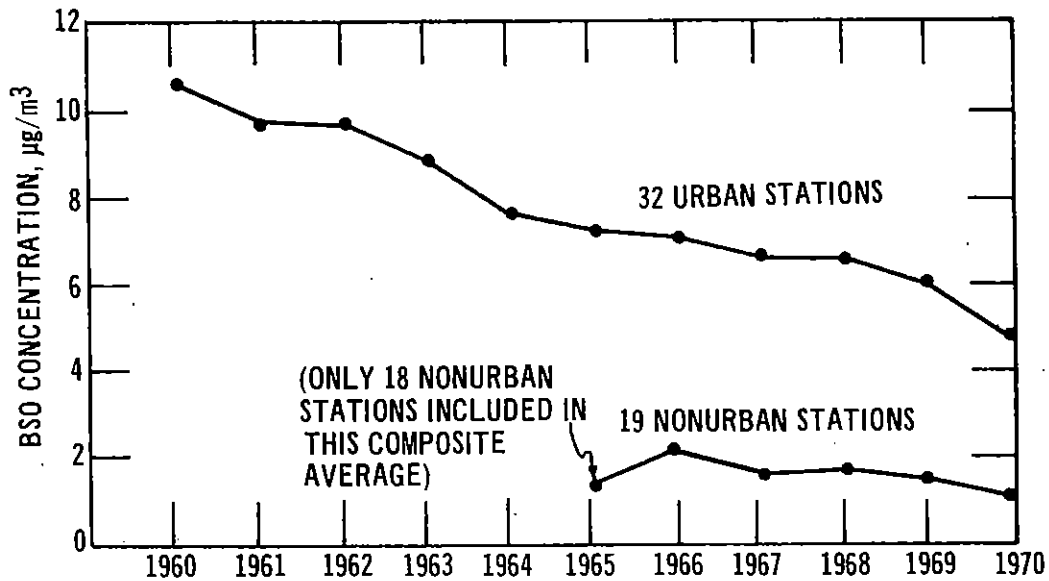


Figure 4-8. Trends in BSO and BSO percent of TSP at 32 urban and 19 nonurban NASA stations.

clear-cut trend pattern and was described as having "no trend," whereas Providence, Rhode Island; Seattle, Washington; and Milwaukee, Wisconsin, exhibited weaker decreasing trend patterns than was the general case. The overwhelming consistency in trend patterns points to some general phenomena exclusive of the geographical location within the country, the size of the city, or the industrial sources present in a particular city. The nonurban average BSO concentration, which is less than the urban BSO average by a factor of about 4 or 5, has decreased from 2.2 mg/m<sup>3</sup> in 1966 to 1.2 mg/m<sup>3</sup> in 1970.

The BSO percentage of TSP has also decreased for the urban stations over the period considered. The pattern is characterized by rather sudden decreases from 1963 to 1964 (8 to 6 percent) and from 1969 to 1970 (6 to 4.5 percent). In other years, the BSO percentage of TSP remained relatively constant. It appears that significant decreases in national urban levels of both the BSO concentration and the BSO percentage of TSP have occurred, notwithstanding sizable, short-term, year-to-year fluctuations.

In a statistical approach to this study of national trends in BSO, data from individual stations were tested for trends using the Spearman Rank Correlation Coefficient described to a limited extent earlier. For all urban stations, the coefficients (rank correlation) of BSO are predominantly negative. Of the 126 stations studied for BSO, 118 had negative correlations with time. Seventy-five stations of the 118 with negative correlations had coefficients that were statistically significant at the  $\alpha = 0.05$  level. A statistically significant coefficient implies that it is unlikely that the observed rank correlation coefficients were derived from the population whose true correlation was zero. In the case of a significant coefficient, the inference is that a significant association exists between BSO and time, and the conclusion is that the available evidence supports a negative or downward trend in annual average concentrations at these 75 stations. Table 4-8 shows the distribution of the individual station Spearman Correlation Coefficients by categories of sign and strength of BSO.

Among the nonurban sites, 15 of the 25 showed downward trends, but only 4 of the declines were statistically significant; the overall nonurban changes were similar to those found in urban areas.

#### 4.2.3.2 Seasonal Trends

Figure 4-9 depicts the composite quarterly BSO averages for the 32 urban and 19 nonurban stations. The seasonality in urban BSO is pronounced (especially for the first half of the data record) with the heating months (first and fourth quarters) showing averages that are 1.5 to 2.0 times the mean of the second and third quarters. The fourth-quarter average has decreased from 13.5 mg/m<sup>3</sup> (1960 heating season) to 7.7 mg/m<sup>3</sup> (1970 heating season), a decrease of approximately 43 percent. The decrease in the heating season's average BSO concentration closely parallels the overall decrease in the annual average shown earlier.

The year-to-year variation in the average composites for the second and third quarters shows three possible distinct downward shifts. These shifts occur at the beginning (1960-61), in the middle (1963-64), and at the end (1969-70) of the 11-year period under consideration. Sizable BSO-to-TSP percentage decreases were also found for the middle and end drops. At the present time, no explanation can be found for the stepwise summer BSO pattern for many NASN urban sites across the nation.

The nonurban stations show a less pronounced and more regular seasonal pattern for BSO than the urban stations. Generally, the averages of the first and fourth quarters

Table 4-8. DISTRIBUTION OF SPEARMAN RANK CORRELATION COEFFICIENTS OF BENZENE-SOLUBLE ORGANIC MATTER (1960-1970) VERSUS TIME FOR URBAN AND NONURBAN NASN SAMPLING SITES

| Spearman Rank Correlation Coefficient categories | Benzene-soluble organic suspended particulate fraction |                |
|--|--|----------------|
|  | Urban sites  | Nonurban sites |
| -0.81 to -1.0                                    | 56 (55) <sup>a</sup>                                   | 2 (2)          |
| -0.61 to -0.80                                   | 39 (20)  | 2 (2)          |
| -0.41 to -0.60                                   | 13   | 2              |
| -0.21 to -0.40                                   | 8  | 5              |
| <0.00 to -0.20                                   | 2  | 4              |
| 0  | 1  | 1              |
| >0.00 to +0.20                                   | 3  | 3              |
| +0.21 to +0.40                                   | 1  | 2              |
| +0.41 to +0.60                                   | 2  | 2              |
| +0.61 to +0.80                                   | 2  |                |
| +0.81 to +1.00                                   | 0  | 0              |
| Total  | 126 (75)   | 25 (4)         |

<sup>a</sup> Numbers in parentheses refer to the number of stations per category having Spearman Correlation Coefficients significantly different from zero at the  $\alpha=0.05$  level of significance.

are the highest. The 1970 composite quarterly averages appear atypical, having generally lower concentrations and less variability than prior years. Overall it can be stated that BSO levels are declining in each of the four seasons for which composite monitoring values have been obtained.

#### 4.2.4 Trends in Benzo(a)pyrene

##### 4.2.4.1 National Urban and Nonurban Trends

Benzo(a)pyrene, like the BSO fraction, shows a similar decrease in the composite average of the 32 urban stations over the period from 1966 to 1970, as shown in Figure 4-10. The average BaP concentration decreased from 3.1 nanograms/m<sup>3</sup> (ng/m<sup>3</sup>) in 1966 to 2.1 ng/m<sup>3</sup> in 1970, a decrease of approximately 30 percent. The trends in BaP concentrations over the time period show 17 out of 32 sites with a decreasing trend pattern; the remainder do not exhibit any trend one way or the other. Statistical significance of the BaP trends could not be determined because of the limited number of years of data available. Sites having little winter heating demand generally showed a pattern of no trend, as did some sites with a heavy heating demand such as those in Minneapolis and

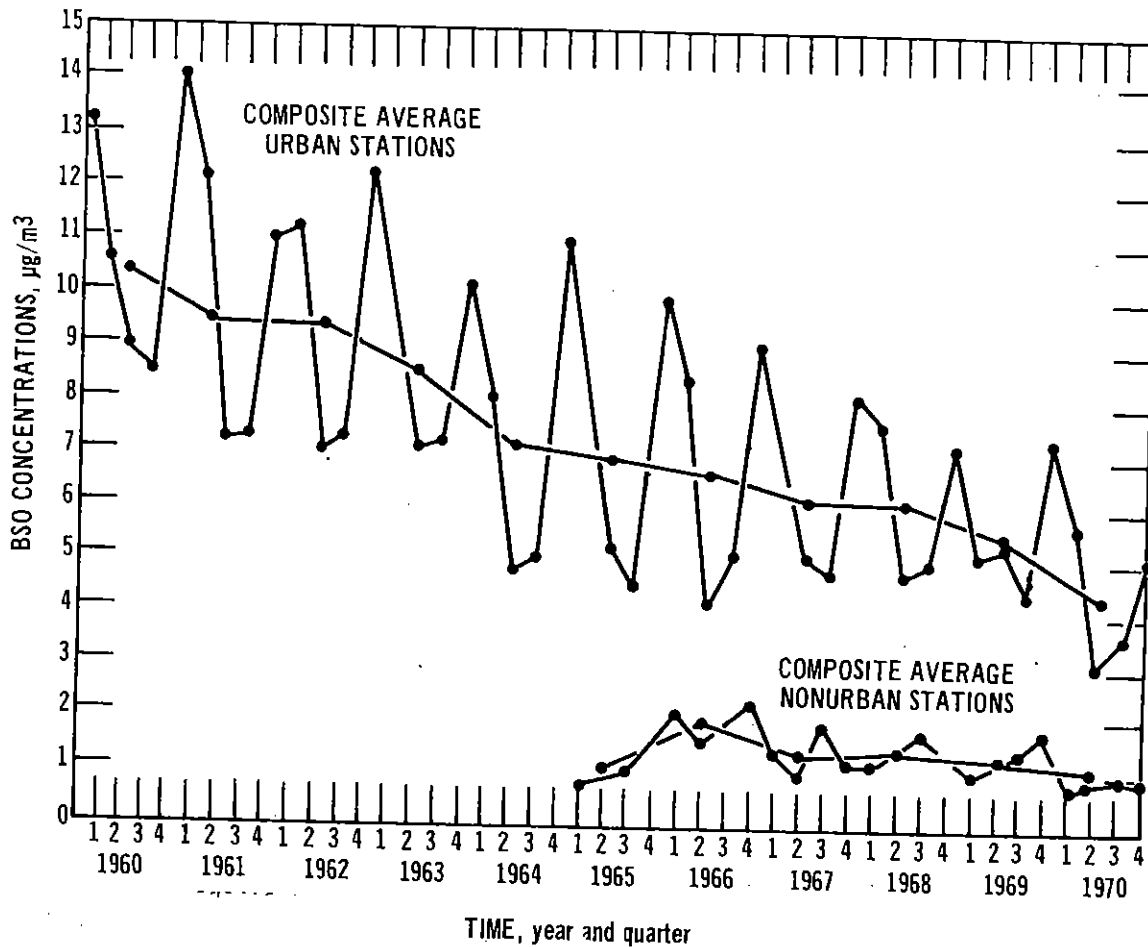


Figure 4-9. Composite quarterly averages for BSO at 32 urban and 19 nonurban NASN stations.

Chicago. In summary, the nonurban average has declined slightly during the 5-year period from 1966 to 1970.

The rank correlations for BaP, like those for BSO, are mostly negative (Table 4-9). Of the 126 stations studied for BaP over the 5-year period (1966-70), 105 stations had negative coefficients of annual average BaP versus time. These negative correlations resulted primarily from the fact that 1970 was the low year in terms of BaP for a vast majority of the stations studied. An explanation for the drop in 1970 is not known. Significance levels were not computed for BaP because there were not enough years of data for this test to be meaningful. Again, the majority of the nonurban sites are found to have negative trend correlations (13 out of 22) for BaP.

#### 4.2.4.2 Seasonal Trends

Concentrations of BaP also exhibit a seasonality as shown in Figure 4-11. Average BaP concentrations for the heating season exceed those of the nonheating season by a factor of approximately 2 or 3.

#### 4.2.5 Analysis of BSO and BaP Data for 1971 and 1972

Chemical analysis of the NASN samples for BSO and BaP was last done on a network basis for 1970. Recently, new analyses have been performed on a selected group of 33 NASN stations for the years 1971 and 1972, thereby making it possible to examine these

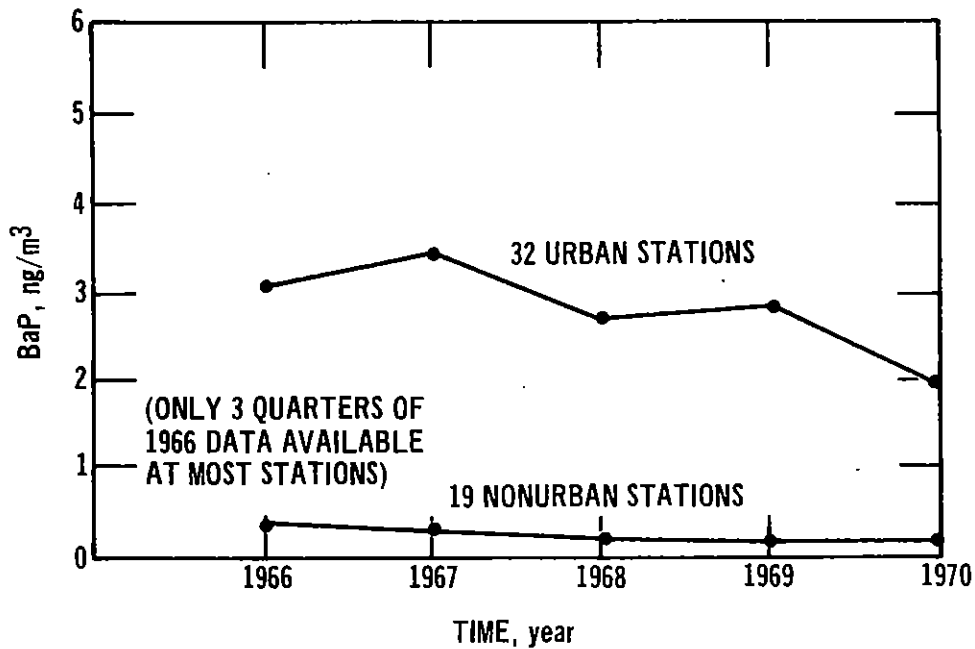


Figure 4-10. Composite annual average of BaP concentrations for 32 urban and 19 nonurban NASN stations.

Table 4-9. DISTRIBUTION OF SPEARMAN RANK CORRELATION COEFFICIENTS OF BENZO(a)PYRENE (1967-1970) VERSUS TIME FOR URBAN AND NONURBAN NASN SAMPLING SITES

| Spearman Rank Correlation Coefficient categories | Benzo(a)pyrene |                |
|--|----------------|----------------|
|  | Urban sites    | Nonurban sites |
| -0.81 to -1.0                                    | 39             | 1              |
| -0.61 to -0.80                                   | 15             | 3              |
| -0.41 to -0.60                                   | 24             | 3              |
| -0.21 to -0.40                                   | 13             | 2              |
| <0.00 to -0.20                                   | 12             | 4              |
| 0  | 2              | 2              |
| <0.00 to +0.20                                   | 0              | 0              |
| +0.21 to +0.40                                   | 5              | 4              |
| +0.41 to +0.60                                   | 12             | 1              |
| +0.61 to +0.80                                   | 2              | 1              |
| +0.81 to +1.00                                   | 2              | 1              |
| Total  | 126            | 22             |

data for trends through 1972. For the most part these new data are from cities where significant industrial sources of particulate hydrocarbons are present. The results confirm the trend that was found through 1970; that is, both BaP and BSO appear to have

continued their decline through at least 1972.

A comparison of the frequency distribution of annual averages over the period 1967 to 1972 is shown in Figure 4-12. This summary represents a different sample of stations for each year because all stations did not have data for every year considered in this analysis. The distributions of BSO, and especially of BaP, show a shift over the period to higher frequencies at lower average concentration. The BSO median of the annual averages at the stations represented for each year decreased from 6.3 mg/m<sup>3</sup> in 1967 to 4.0 mg/m<sup>3</sup> in 1972, whereas the BaP median dropped from 3.0 ng/m<sup>3</sup> to 0.9 ng/m<sup>3</sup> over this same period.

#### 4.2.6. Trends Comparison with National Coal Consumption

The results of this analysis thus far have shown a pronounced decrease in the benzene-soluble organic fraction over the period 1960 to 1970 at numerous NASN stations. At most of the stations studied (118 out of 126), the available data indicated a decreasing pattern of BSO with time. Seventy-five of the 118 stations with negative correlations had coefficients that were statistically significant. These stations could be said to possess a downward trend.

It is difficult to assign specific causes to the BSO and BaP trends because of the wide variety of sources producing these airborne particulates. Also, because of the passage of time, it is impossible to reconstruct local source-sampler configurations that could have affected these patterns. Nevertheless, some general remarks concerning probable

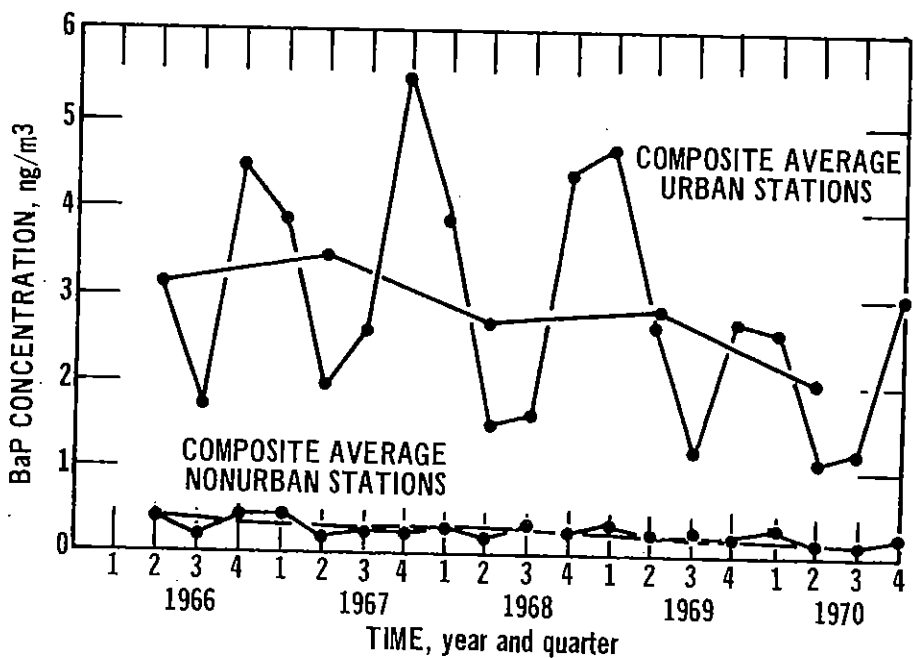
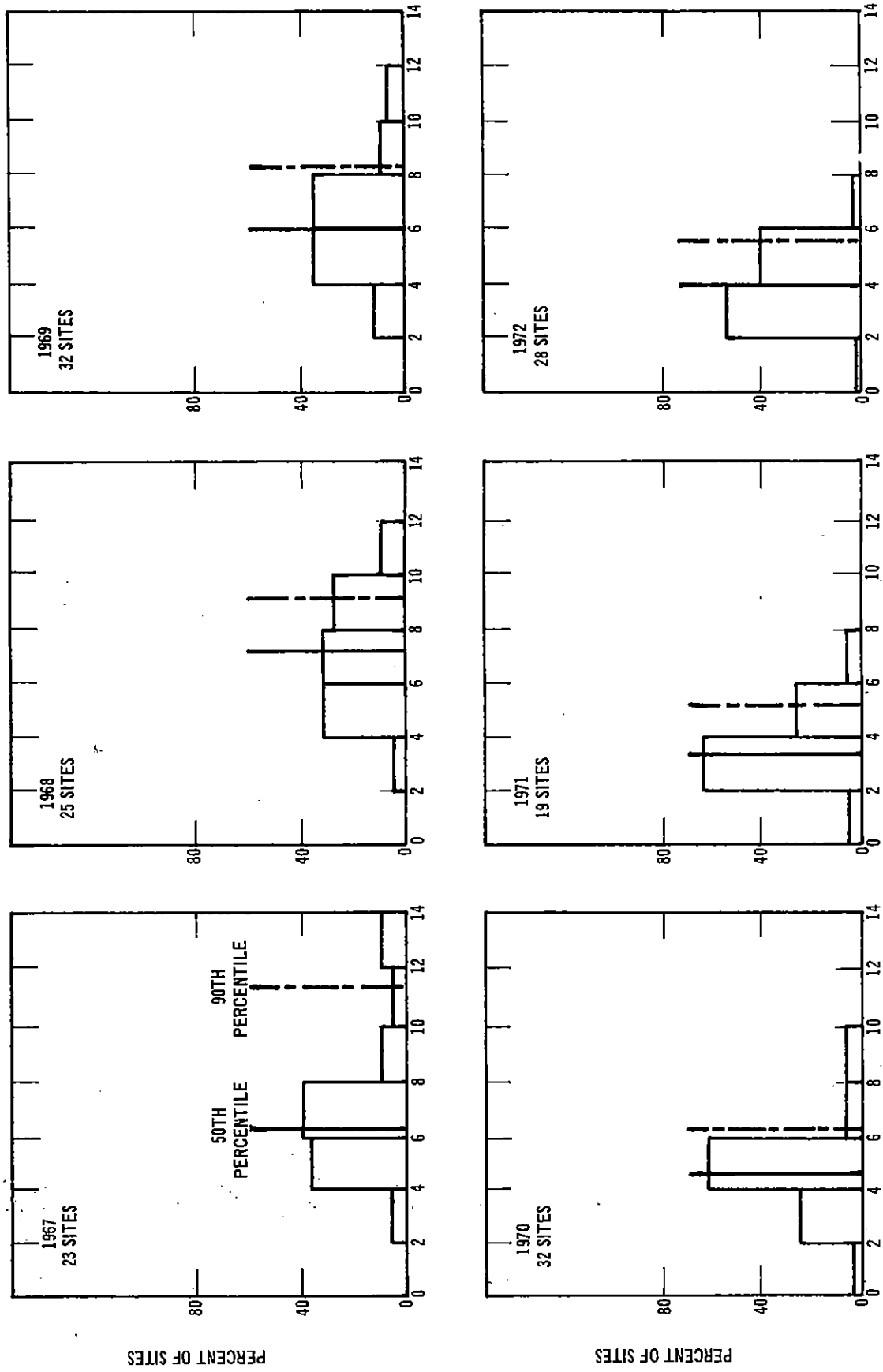
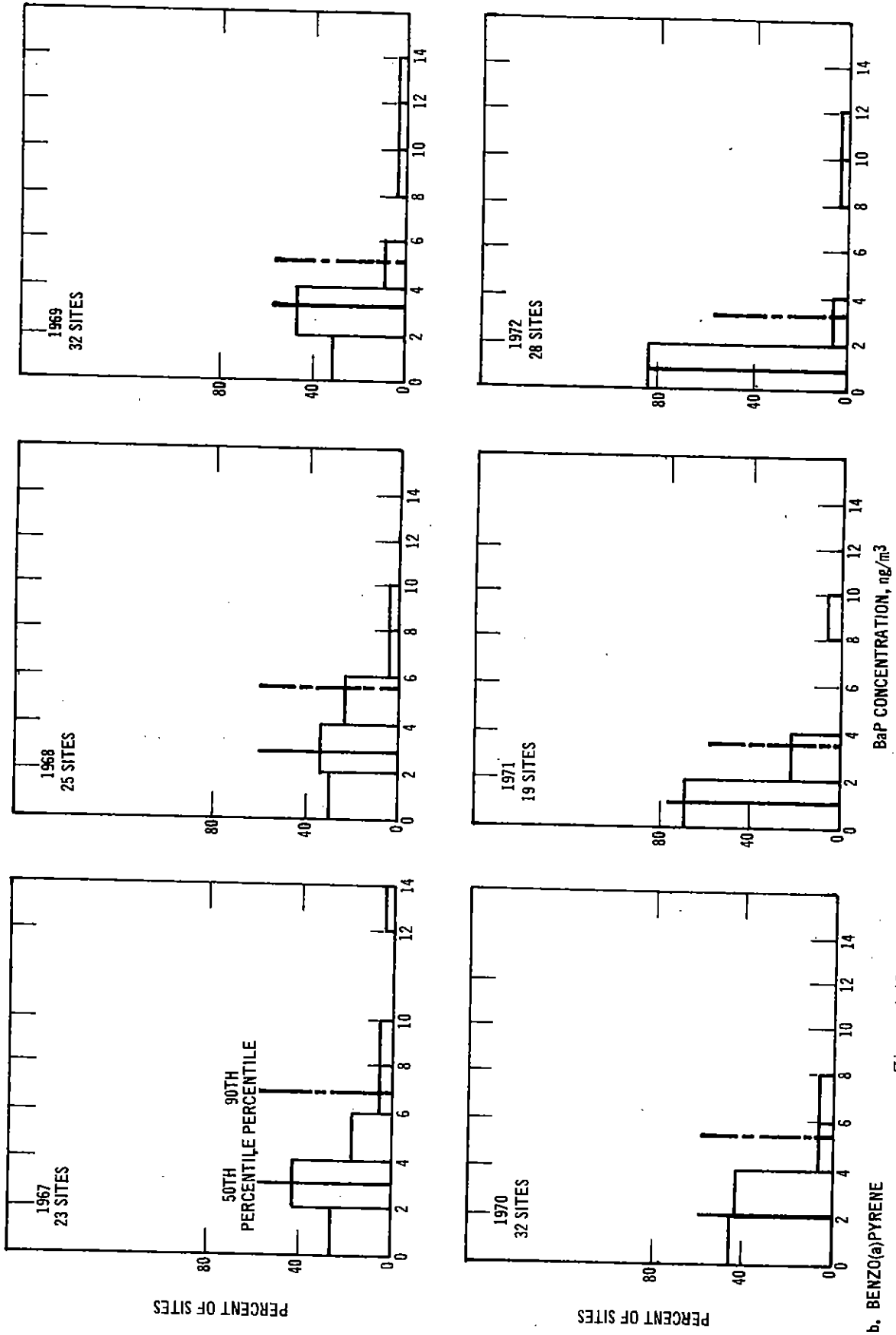


Figure 4-11. Composite quarterly averages for BaP at 32 urban and 19 nonurban NASN stations.



a. BENZENE-SOLUBLE ORGANICS  
 Figure 4-12. Percentage distribution of (a) BSO sites and (b) BaP sites, 1967-72.





b. BENZO(a)PYRENE  
 BaP CONCENTRATION, ng/m<sup>3</sup>  
 Figure 4-12 (continued). Percentage distribution of (a) BSO sites and (b) BaP sites, 1967-72.

changes in air pollution sources that affect the downtown or business areas may be helpful.

Table 4-10 shows a breakdown of 1968 nationwide emissions of BaP,<sup>8</sup> which is a gross indicator of emissions of other polycyclic aromatic hydrocarbons. Emission estimates by source category are not available for the total benzene-soluble organics because of the countless individual organic compounds present in this fraction. However, because the aromatics comprise a major portion of the total fraction, it can be assumed that the major sources given for BaP also apply to the BSO fraction. The largest single source of BaP is attributed to the rather inefficient combustion of coal in residential furnaces. This characterization is strongly contrasted with coal used in steam-electric utilities, wherein total BaP emissions represent less than 0.1 percent of the total. The other major sources of BaP in urban areas are: wood burning, 40 tons/year; enclosed incineration, 33 tons/year; vehicular exhaust, 32 tons/year; and, in certain areas, industrial processes, 200 tons/year, depending upon the type of industry and its proximity to the main urban area. Coal refuse fires (340 tons/year) and forest and agricultural burning (140 tons/year) are major sources, but their contribution to urban concentrations of BaP would be

Table 4-10. ESTIMATED BENZO(a)PYRENE EMISSIONS IN UNITED STATES, 1968

| Source category   | Emissions, tons/year |
|---|----------------------|
| Heat and power generation   |                      |
| Coal  |                      |
| Residential furnaces  | 420                  |
| Intermediate units (commercial)   | 10                   |
| Steam power plants  | 1                    |
| Oil   | 2                    |
| Gas   | 2                    |
| Wood  | 40                   |
| Refuse burning  |                      |
| Enclosed incineration   | 33                   |
| Open burning  |                      |
| Coal refuse fires   | 340                  |
| Forest and agricultural burning   | 140                  |
| Other (vehicle disposal and domestic, commercial, and industrial burning) | 74                   |
| Industrial processes  | ~200                 |
| Vehicular traffic   | 32                   |
| Total   | ~1300                |

relatively minor because of their remoteness from an urban area. Thus, the major sources of BaP emissions likely to be present in all urban areas that have a major impact on concentrations of BaP and BSO monitored at the center-city-oriented NASN stations are those from residential coal combustion, enclosed incineration, urban open burning, and vehicular travel.

Figure 4-13 shows the annual national consumption of bituminous and lignite coal for the Bureau of Mines category "Retail Delivered to Other Consumers"<sup>9</sup> (assumed to be primarily small consumers such as homes, apartments, and office buildings) versus the

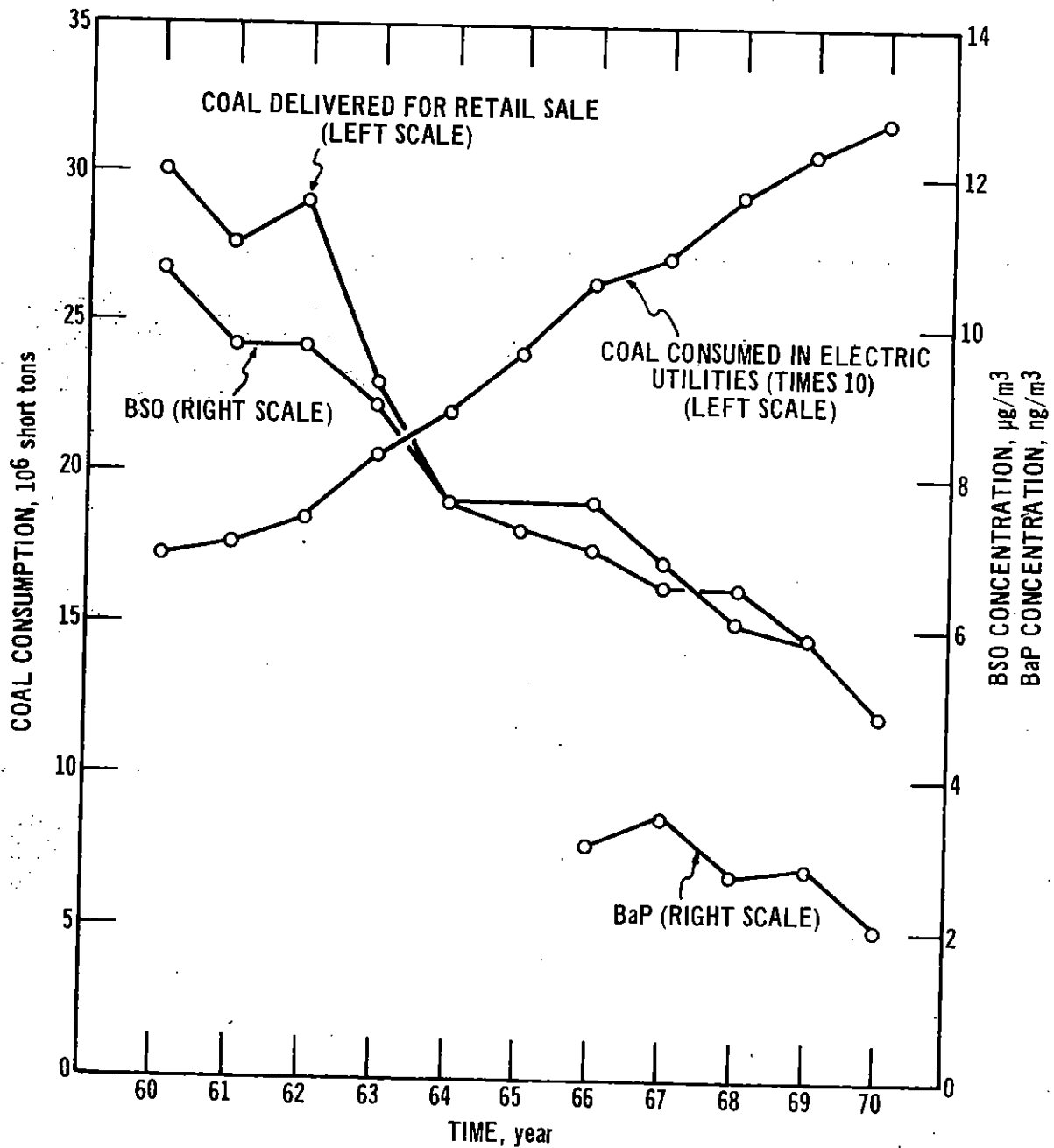


Figure 4-13. Trends in national coal consumption, BSO, and BaP annual averages.

urban composite annual average BSO and BaP concentrations. Eliminating the 4 or 5 stations from the group of 32 for which the use of coal for residential and commercial heating is nonexistent or minimal did not greatly affect the composite average. These overall patterns for coal consumption and composite average BSO concentrations are very similar, each of which in 1970 is approximately half the 1960 value. Also shown on this graph is the trend in coal consumption for steam electric power plants. Even though the use of coal in electric utilities has about doubled from 1960 to 1970, its effect upon center-city concentrations of BaP and BSO is generally minor. The two factors that account for this are: (1) the combustion process in power plants is more efficient, resulting in lower emissions of hydrocarbons, and (2) the larger electric generating plants are usually located outside the main urban area. The reduction in the usage of residential coal appears to be the single greatest factor leading to the downward trends seen for these two pollutants.

Another factor that has likely contributed to this downward trend has been the enforcement of regulations to control smoke emissions in most large metropolitan areas. In addition, there has been a trend toward the elimination of open burning and utilization of more efficient combustion technology for solid-waste disposal.

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## 5. SPECIAL TOPICS

This section examines special topics relating to air quality trends. Subsections 5.1 and 5.2 examine the impact of the "energy crisis" on sulfur dioxide and carbon monoxide levels, respectively, while Subsection 5.3 examines the phenomenon of high nonurban ozone concentrations. Each of the subsections examines studies conducted in one or more locations. The first subsection discusses the short-term impact of the fuel shortage on sulfur dioxide levels in New York City and northern New Jersey during the 1973-74 winter season. The second subsection examines the impact of the gasoline shortage on carbon monoxide levels in Richmond, Virginia; Portland, Oregon; New York City, New York; and Mamaroneck, New York. The last subsection presents the results of studies of high nonurban ozone levels in rural Maryland, West Virginia, California, New York, and Wisconsin, as well as on-going and planned future studies.

### 5.1 IMPACT OF ENERGY CRISIS ON SULFUR DIOXIDE

This section presents the results of an investigation of the possible short-term impact of the energy crisis on sulfur dioxide levels in New York City and northern New Jersey during the 1973-74 winter season. The study examined the possible relationship between the use of higher sulfur bearing fuels and observable sulfur dioxide concentrations. The New York-New Jersey Metropolitan Area was selected because of the existence of an extensive sulfur dioxide monitoring network with a good data history. Meteorology was examined in addition to the ambient air quality measurements and emissions data. In summary, although the 1973-74 winter was found to have meteorological conditions more conducive to higher overall SO<sub>2</sub> concentrations, an increase in SO<sub>2</sub> over the previous winter could still be seen after accounting for meteorology. This increase is predominately due to the usage of poorer quality fuel brought about by the shortage of clean fuels during the energy crisis. A discussion of this analysis follows.

#### 5.1.1 Sulfur Dioxide Emissions

An estimate of the sulfur dioxide emissions for the area was derived from extrapolating published emissions data on the basis of actual fuel use and sulfur content data. Such data were obtained from the New York City Department of Air Resources<sup>1</sup> and the New Jersey Bureau of Air Pollution Control.<sup>2</sup>

##### 5.1.1.1 Sulfur Content of Fuels

Because of the limitations imposed on the availability of low-sulfur fuel oils during the past winter, EPA granted both New York and New Jersey variances to their State Implementation Plans for the New York-New Jersey Air Quality Control Region. Based on this variance, New Jersey enacted a statewide variance permitting up to 1.5 percent

sulfur fuel oil and New York up to 3 percent sulfur on an individual basis. The New Jersey statewide variance allowed the use of 1 percent sulfur, without specific application for permission. Above 1 percent sulfur, each individual case would be considered separately. For coal, New York allowed Con Edison to burn up to 1.5 percent sulfur and up to 15 percent ash at the Arthur Kill (No. 30) power plant. But, because of technical problems, the use of coal was confined to only several days at the end of March 1974. New Jersey allowed the Bergen and Sewaren Power Plants of New Jersey Public Service to utilize coal effective December 1973. Table 5-1 presents a review of the schedule of changes in the sulfur content of fuels since 1967 in the area under study. It should be noted that, although variances were granted for the use of higher sulfur bearing fuel oils, the actual consumption of such oils exclusively in both home heating and power plant sources was not accomplished instantaneously. This is based on the observation (in New York City) that it takes approximately 4 to 8 weeks for a new shipment of fuel oil to go through its normal distribution and consumption cycle, depending on the time of year. The shorter period corresponds to the heaviest part of the heating season, that is, January and February.

#### 5.1.1.2 Estimated Sulfur Dioxide Emissions

The expected increase in sulfur dioxide emissions, in both the space heating and power plant source categories for the area, was derived on the basis of actual and projected fuel use information as well as fuel quality regulations. For New York, it is estimated that annual power plant emissions will increase by 25 percent over the last fiscal year, while space heating emissions will remain essentially constant. This is due to a variance granted by New York City during early 1973 that was primarily for space heating sources. Some  $2 \times 10^6$  barrels of No. 6 oil of approximately 1.1 to 1.2 percent sulfur were allowed. In the five New Jersey Counties (Hudson, Middlesex, Bergen, Union, Essex) adjacent to New York City (especially Staten Island), the winter season emissions were expected to increase by approximately 20 percent for utilities and by 100 percent for space heating sources.<sup>2</sup> Table 5-2 presents the estimated SO<sub>2</sub> emissions by source category in the New York portion and total SO<sub>2</sub> emissions in the New Jersey portion of the study area. The estimated emissions for fiscal year 1973-74 are projections based on estimated fuel use, sulfur variances, and actual percentage of sulfur in the fuel being consumed.

#### 5.1.2 Ambient Sulfur Dioxide Levels

As indicated above, the New York-New Jersey Metropolitan Area was selected based on the existence of good data histories at numerous monitoring sites (Figure 5-1) and because of the past responsiveness to regulatory changes.

Ambient sulfur dioxide data for the period January 1965 through February 1974 comprised the air quality data base. New Jersey sulfur dioxide measurements were obtained by instrumental West-Gaeke.<sup>3</sup> New York City uses an instrumental electroconductivity method at their laboratory site and 1-hour sequential bubblers utilizing

Table 5-1. SCHEDULE OF CHANGES IN THE SULFUR CONTENT OF FUELS  
IN THE NEW YORK-NEW JERSEY METROPOLITAN AREA

| Effective date |          | Source category |                | Fuel type |           |           |           | Maximum permissible percent sulfur by weight |   |                                 |
|----------------|----------|-----------------|----------------|-----------|-----------|-----------|-----------|--|---|---------------------------------|
| Year           | Month    | Power plants    | Space heating  | Coal      | No. 6 oil | No. 4 oil | No. 2 oil | New York                                     |   | New Jersey all nine counties    |
|                |          |                 |                |           |           |           |           | New York City only                           | NYC, Westchester, Suffolk, Rockland, Nassau |                                 |
| 1967           | January  | x               | x              | x         | x         |           |           | 2.2  | No control<br>1.7a,b<br>1.0c,b              | No control                      |
|                | November | x               |                | x         |           |           |           |  |   |                                 |
|                | November | x               |                |           | x         |           |           |  |   |                                 |
| 1968           | April    | x               |                | x         |           |           |           | 2.0  | 1.0c,b                                      | 0.3<br>0.7<br>1.0<br>1.0d, 0.7e |
|                | May      | x               | x              |           |           |           | x         |  |   |                                 |
|                | May      | x               | x              |           |           |           | x         |  |   |                                 |
|                | May      | x               | x              |           | x         |           |           |  |   |                                 |
|                | May      | x               | x              | x         |           |           |           |  |   |                                 |
| 1969           | May      |                 | x              | x         | x         |           |           | 2.0  | 1.0b<br>3.0f                                |                                 |
|                | October  | x               | x              | x         | x         | x         | x         |  |   |                                 |
| 1970           | October  | x               | x              |           |           |           | x         |  |   | 0.4<br>0.5                      |
|                | October  | x               | x              |           | x         |           |           |  |   |                                 |
| 1971           | August   |                 | x              |           |           |           |           | 0.5<br>0.2<br>0.3g<br>0.3h<br>0.55           |   | 0.2<br>0.3                      |
|                | October  |                 | x              |           |           |           | x         |  |   |                                 |
|                | October  |                 | x              |           |           |           | x         |  |   |                                 |
|                | October  | x               | x              | x         | x         |           |           |  |   |                                 |
|                | October  | x               | x              | x         | x         |           |           |  |   |                                 |
|                | October  | x               | x <sup>i</sup> | x         | x         | x         |           |  |   |                                 |
|                | October  | x               | x              |           | x         | x         | x         |  |   |                                 |
|                | October  | x               | x              | x         | x         | x         | x         |  |   |                                 |
| 1972           | October  | x               |                |           | x         | x         |           | 0.3  |   |                                 |
|                | October  | x               | x              | x         | x         | x         |           |  |   |                                 |
| 1973           | October  | x               | x              |           |           |           |           | 0.2<br>0.3                                   | 0.37b<br>0.24b                              | 1.5<br>3.0j                     |
|                | October  | x               | x              | x         | x         | x         |           |  |   |                                 |
|                | November | x               | x              | x         |           |           |           |  |   |                                 |
|                | November | x               | x              |           | x         | x         | x         |  |   |                                 |
|                | November | x               | x              |           | x         |           |           |  |   |                                 |
|                | November | x               | x              |           |           | x         |           |  |   |                                 |
|                | November | x               | x              |           | x         |           |           |  |   |                                 |
|                | November | x               | x              |           |           | x         |           |  |   |                                 |

<sup>a</sup>Voluntary restriction.

<sup>b</sup>Excludes Suffolk County.

<sup>c</sup>Voluntary restriction, scheduled for law October 1969.

<sup>d</sup>Bituminous coal.

<sup>e</sup>Anthracite coal.

<sup>f</sup>Suffolk County only.

<sup>g</sup>Actual sulfur content of fuel in use, 0.37 percent.

<sup>h</sup>Variance permits up to 0.7 percent.

<sup>i</sup>Excludes one- and two-family homes burning anthracite coal.

<sup>j</sup>Case-by-case basis up to maximum of 3 percent.

<sup>k</sup>Case-by-case basis above 1 percent.

<sup>l</sup>Counties of Bergen, Essex, Hudson, Union, and Middlesex.

hydrogen peroxide at their other stations.<sup>4</sup> Because of the irregularities in New York City's sampling schedules for their sequential bubblers, which cause incompleteness of data records at various locations, several of the monitoring sites were excluded from analysis.

Table 5-2. ESTIMATES OF SULFUR DIOXIDE EMISSIONS IN THE NEW YORK-NEW JERSEY AREA  
(10<sup>3</sup> tons per year)

| Source category                | Fiscal year                  |   |  |                                   |  |   |  |  |
|--------------------------------|------------------------------|---|--|-----------------------------------|--|---|--|--|
|                                | 66-67                        | 67-68   | 68-69                                  | 70-71                             | 71-72  | 72-73   | 73-74  |  |
| Mobile                         | 20                           | 20  | 20                                     | 20                                | 20   | 20  | 20   | 20   |
| Industrial fuel                | 10                           | 9   | 9                                      | 6                                 | 3  | 3   | 3  | 3  |
| Power plants                   | 309                          | 207   | 158                                    | 149                               | 100  | 48  | 72   | 72   |
| Space heating                  | 487                          | 444   | 422                                    | 265                               | 143  | 73  | 100  | 100  |
| Solid waste                    | 3                            | 3   | 3                                      | 3                                 | 3  | 3   | 3  | 3  |
| New York City totals           | 829                          | 683   | 612                                    | 443                               | 369  | 147   | 198  | 198  |
| New Jersey totals              | 722                          | 661   | 587                                    | 436                               | 276  | 72  | 127  | 127  |
| Area totals                    | 1551                         | 1344  | 1199                                   | 879                               | 545  | 219   | 325  | 325  |
| Sulfur regulations<br>New York | All<br>Coal 2.2%<br>Oil 2.2% | All<br>Coal 1.0%<br>Oil 1.0%                                  | Space heating<br>Coal 1.0%<br>Oil 1.0% | All<br>No. 4, 0.4%<br>Resid. 0.5% | Space heating<br>Resid. 0.37%<br>Power plant<br>Oil 1.0% | All<br>Dist. 0.1%<br>Resid. 0.3%<br>Coal 0.3% | Variance<br>Dist. 3.0%<br>Resid. 3.0%<br>Coal 1.5%<br>Case-by-case<br>up to 3% | Variance<br>No. 2, 0.3%<br>No. 4, 1.0%<br>Resid. 0.5%<br>Crude 0.5%<br>Coal 1.5%<br>Case-by-case<br>above 1.0% |
| New Jersey                     | None                         | All<br>Coal, 10%<br>Resid. 1.0%<br>No. 2, 0.3%<br>No. 4, 0.7% |  | All<br>No. 4, 0.4%<br>Resid. 0.5% | All<br>No. 2, 0.3%<br>No. 4, 0.3%<br>Coal 0.2%           |   |  |  |



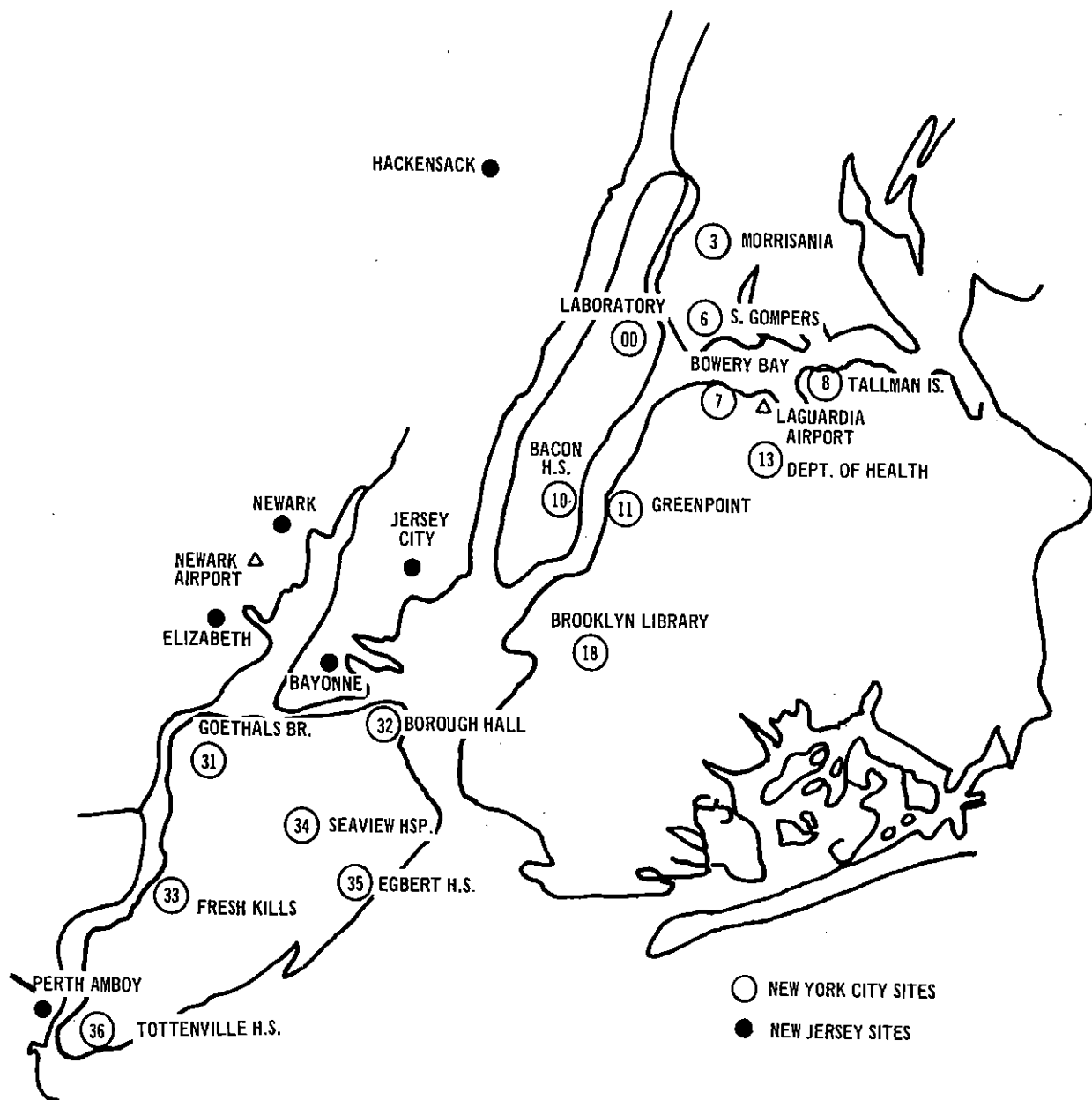


Figure 5-1. Monitoring site locations, New York-New Jersey Metropolitan Area study.

#### 5.1.2.1 Long-term Trends

Monthly average time series representations of the long-term history of  $SO_2$  levels at two of the study area's monitoring stations are presented in Figure 5-2. The systematic seasonal fluctuations, as well as significant reductions in levels, at these sites are typical of those found at others in the area. These reductions generally correspond to the stepwise reductions in sulfur dioxide emissions that were achieved by limiting fuel sulfur content since 1967. Table 5-2 illustrates the impact of these fuel quality restrictions on the study area's emissions.

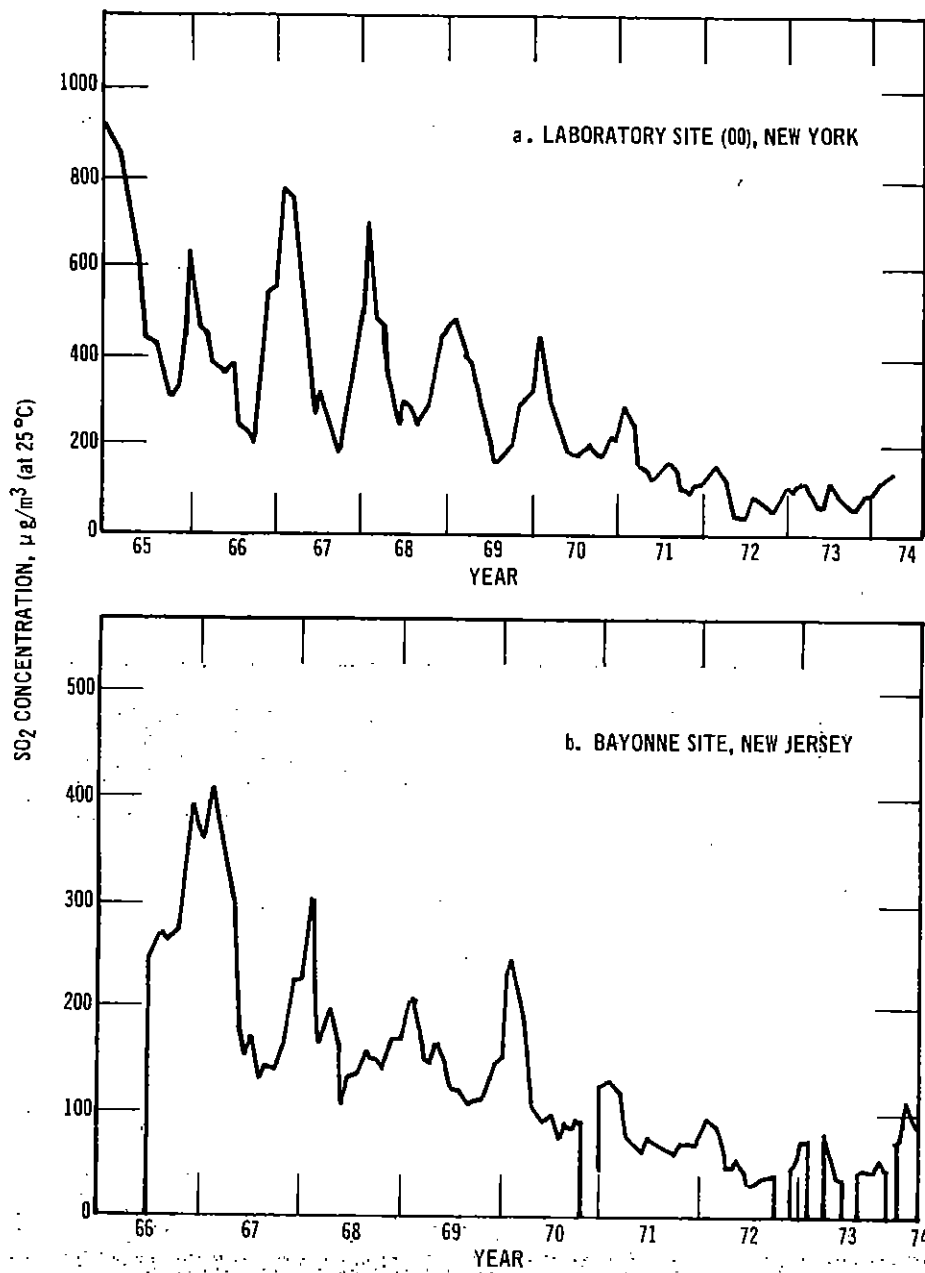


Figure 5-2. Trends in sulfur dioxide concentrations at selected monitoring sites in the study area, 1965-74.

#### 5.1.2.2 Recent Trends

As shown in Figure 5-2, SO<sub>2</sub> levels since 1971 appear to be relatively stable compared to the overall historical pattern. Recent yearly trends for the same two sites (Laboratory and Bayonne), which are typical for the area, are presented in Figure 5-3. These trends clearly display the recurrent seasonality component of the overall annual pattern. In general, the highest SO<sub>2</sub> concentrations are measured during the period November through February. Table 5-3 summarizes SO<sub>2</sub> levels at each of the study's monitoring sites for this period over the last three winter seasons.

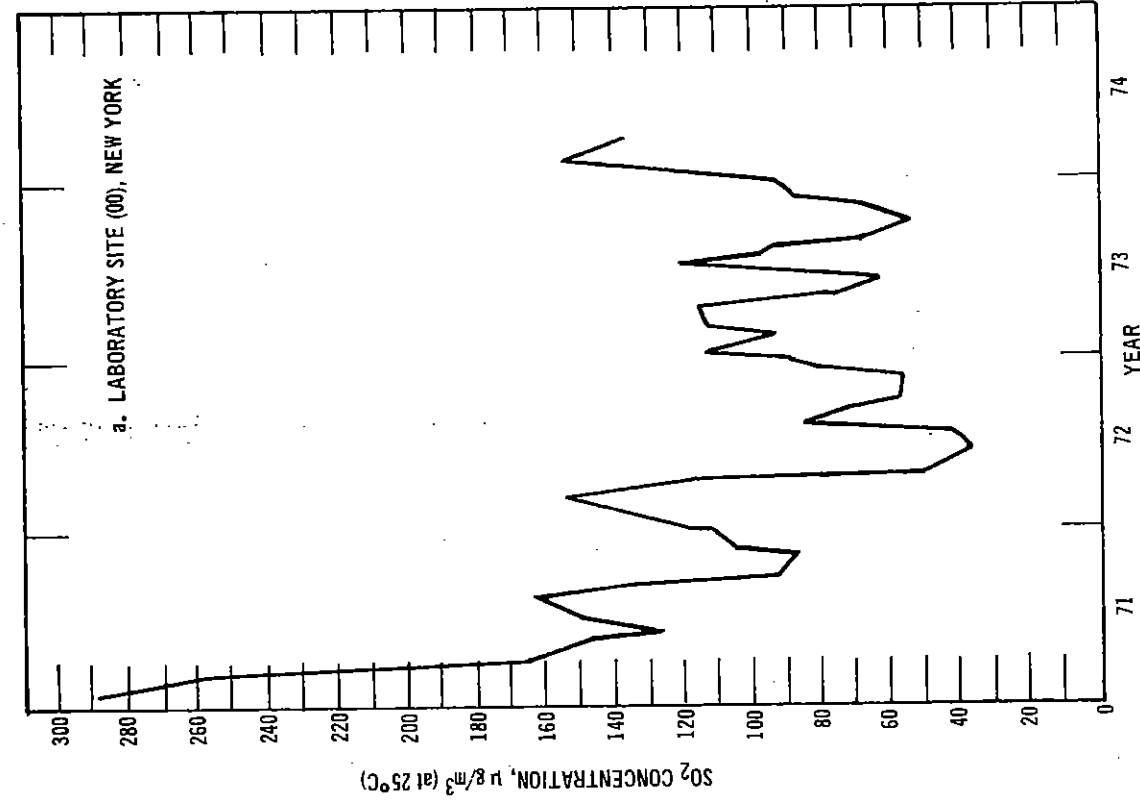
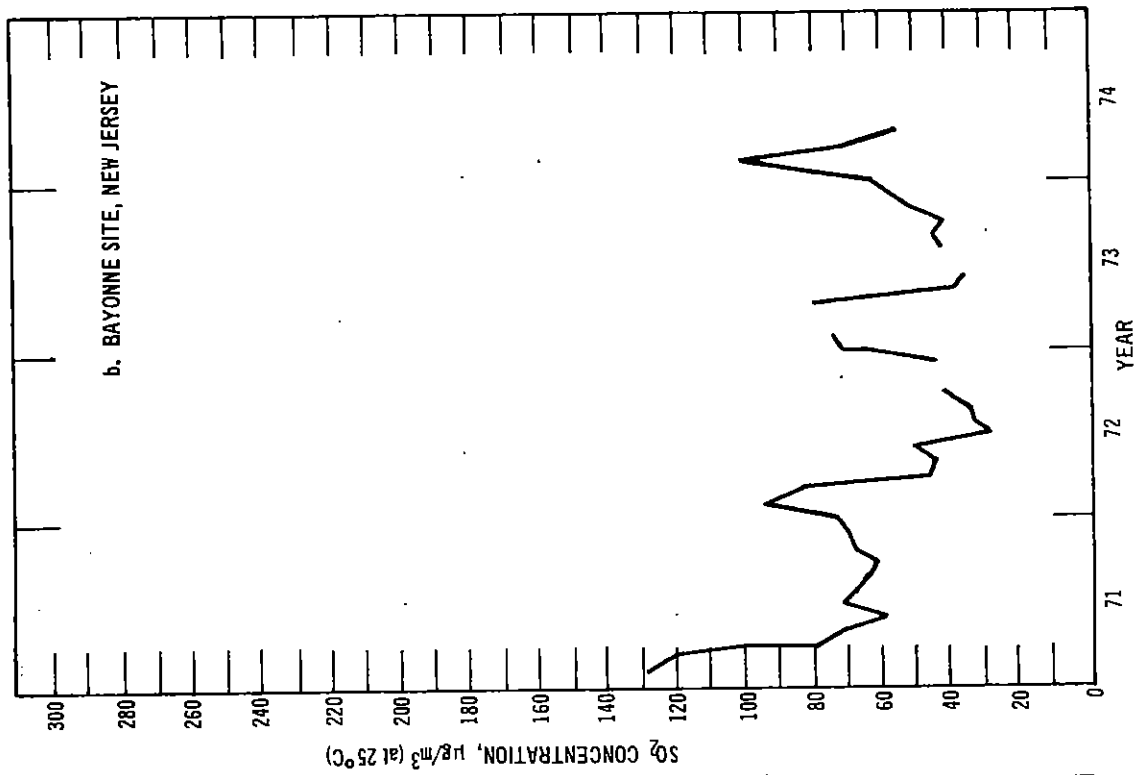


Figure 5-3. Recent trends in sulfur dioxide concentrations at selected monitoring sites in the study area, 1971-74.

Table 5-3. WINTER-SEASON SULFUR DIOXIDE LEVELS AT NEW YORK-NEW JERSEY STUDY SITES, 1971-74<sup>a</sup>

| Site                         | Winter 1971-72 |      |      |      |      |      | Winter 1972-73 |      |      |      |      |      | Winter 1973-74 |      |      |      |    |  |
|------------------------------|----------------|------|------|------|------|------|----------------|------|------|------|------|------|----------------|------|------|------|----|--|
|                              | Nov.           | Dec. | Jan. | Feb. | Nov. | Dec. | Jan.           | Feb. | Nov. | Dec. | Jan. | Feb. | Nov.           | Dec. | Jan. | Feb. |    |  |
|                              | New Jersey     | 70   | 72   | 95   | 83   | 48   | 73             | 73   | --   | --   | 66   | 102  | 73             | --   | 66   | 102  | 73 |  |
| Bayonne                      | 68             | 71   | 71   | 74   | 49   | 61   | 61             | 57   | 32   | 44   | 68   | 52   | 32             | 44   | 68   | 52   |    |  |
| Elizabeth                    | 38             | --   | 68   | 68   | 55   | 46   | 61             | 52   | 32   | 34   | 76   | 60   | 32             | 34   | 76   | 60   |    |  |
| Hackensack                   | 64             | 74   | 89   | 86   | 47   | 69   | 89             | 71   | 69   | 62   | 121  | 105  | 69             | 62   | 121  | 105  |    |  |
| Jersey City                  | 79             | 92   | 113  | 96   | 61   | 87   | 94             | 83   | 69   | 71   | 105  | 97   | 69             | 71   | 105  | 97   |    |  |
| Newark                       | 73             | 71   | 88   | 77   | 38   | 75   | 114            | 105  | 88   | 80   | 134  | 110  | 88             | 80   | 134  | 110  |    |  |
| Perth Amboy                  |                |      |      |      |      |      |                |      |      |      |      |      |                |      |      |      |    |  |
| New York City <sup>b,c</sup> |                |      |      |      |      |      |                |      |      |      |      |      |                |      |      |      |    |  |
| Laboratory (00)              | 109            | 116  | 136  | 154  | 84   | 112  | 91             | 113  | 88   | 92   | 155  | 139  | 88             | 92   | 155  | 139  |    |  |
| Morrisania (3)               | 160            | 136  | 133  | 123  | 115  | 121  | 143            | 164  | --   | --   | 141  | 86   | --             | --   | 141  | 86   |    |  |
| Tallman Island (8)           | --             | 64   | 85   | 66   | 75   | 82   | 103            | 95   | 105  | --   | 42   | --   | 105            | --   | 42   | --   |    |  |
| Mabel Dean Bacon H.S. (10)   | 194            | 131  | 144  | 132  | 102  | 171  | 175            | 192  | --   | 124  | 191  | 123  | --             | 124  | 191  | 123  |    |  |
| Greenpoint (11)              | 136            | 117  | 124  | 127  | 88   | 108  | 126            | 99   | --   | 108  | 138  | 102  | --             | 108  | 138  | 102  |    |  |
| Brooklyn Pub. Lib. (18)      | 140            | 110  | 110  | 103  | 63   | 116  | 111            | 119  | 85   | --   | 115  | 79   | 85             | --   | 115  | 79   |    |  |
| Samuel Gompers (6)           | --             | 112  | 123  | 115  | 84   | 122  | 120            | 118  | --   | --   | 107  | 144  | --             | --   | 107  | 144  |    |  |
| Goethels Bridge (31)         | 80             | 70   | 63   | 49   | 40   | 47   | 49             | 36   | 46   | 50   | 34   | 63   | 46             | 50   | 34   | 63   |    |  |
| Borough Hall (32)            | 97             | 80   | 52   | 32   | 39   | 66   | 76             | 69   | 84   | 109  | 113  | 110  | 84             | 109  | 113  | 110  |    |  |
| Fresh Kills (33)             | --             | 75   | 74   | 70   | 38   | 63   | 72             | 52   | 66   | 58   | 63   | 58   | 66             | 58   | 63   | 58   |    |  |
| Seaview Hospital (34)        | 90             | 80   | 70   | 75   | 35   | 68   | 83             | --   | --   | --   | --   | 92   | --             | --   | --   | 92   |    |  |
| Egbert H.S. (35)             | --             | 52   | 75   | 60   | 34   | 52   | 67             | 56   | 67   | 56   | 107  | 92   | 67             | 56   | 107  | 92   |    |  |
| Tottenville H.S. (36)        | --             | 90   | 107  | 133  | 46   | 69   | 75             | 75   | 84   | 80   | 144  | 97   | 84             | 80   | 144  | 97   |    |  |
| Bowery Bay (7)               | --             | 79   | 111  | 96   | 77   | 120  | 182            | 136  | --   | --   | --   | 68   | --             | --   | --   | 68   |    |  |
| Dept. of Health (13)         | --             | 124  | 122  | 108  | 72   | 92   | 131            | 105  | --   | --   | 66   | 36   | --             | --   | 66   | 36   |    |  |

<sup>a</sup>Dashes indicate incomplete data.

<sup>b</sup>Monthly average for New York City sites (except laboratory) computed if at least one-third of the total hourly observations were available. New Jersey and New York lab site based on at least 75 percent of the total possible monthly observations.

<sup>c</sup>New York City site code numbers are indicated in parentheses.

In general, an increase in average SO<sub>2</sub> levels occurred at a majority of the monitoring sites over the last two winter seasons. However, on a site-by-site basis, the overall change in the area was mixed, as follows: Based on incomplete data records, four of the New York sites (3, 8, 13, 18), thought to be dominated by area sources, indicate a decrease in levels. The other two sites (10, 11) under similar influence show essentially no change. Increases were observed at four of the six Staten Island monitoring sites (32, 34, 35, 36) and at the Laboratory Stations (00). The other two sites in Staten Island exhibited no change. Increases in levels occurred at all of the New Jersey sites except for Elizabeth.

The spatial distribution of SO<sub>2</sub> levels over the past two winter seasons is presented in Figures 5-4 and 5-5. As shown in Figure 5-6, areas previously experiencing the highest average concentrations showed slight decreases, but increases did occur over

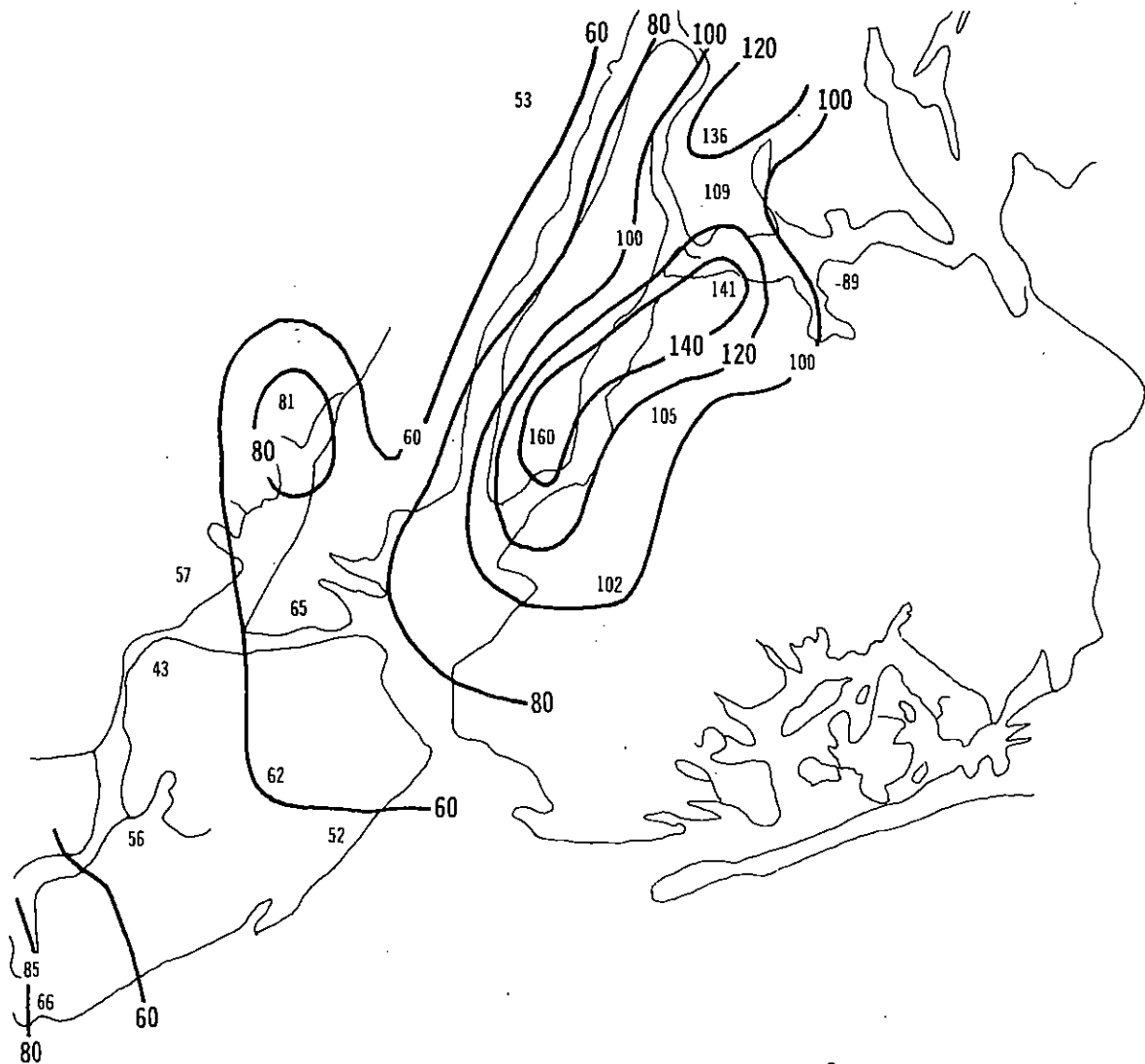


Figure 5-4. Spatial distribution of sulfur dioxide concentrations ( $\mu\text{g}/\text{m}^3$ ) in study area, winter season, 1972-73. Bold numbers indicate concentration contours; others, individual site values.

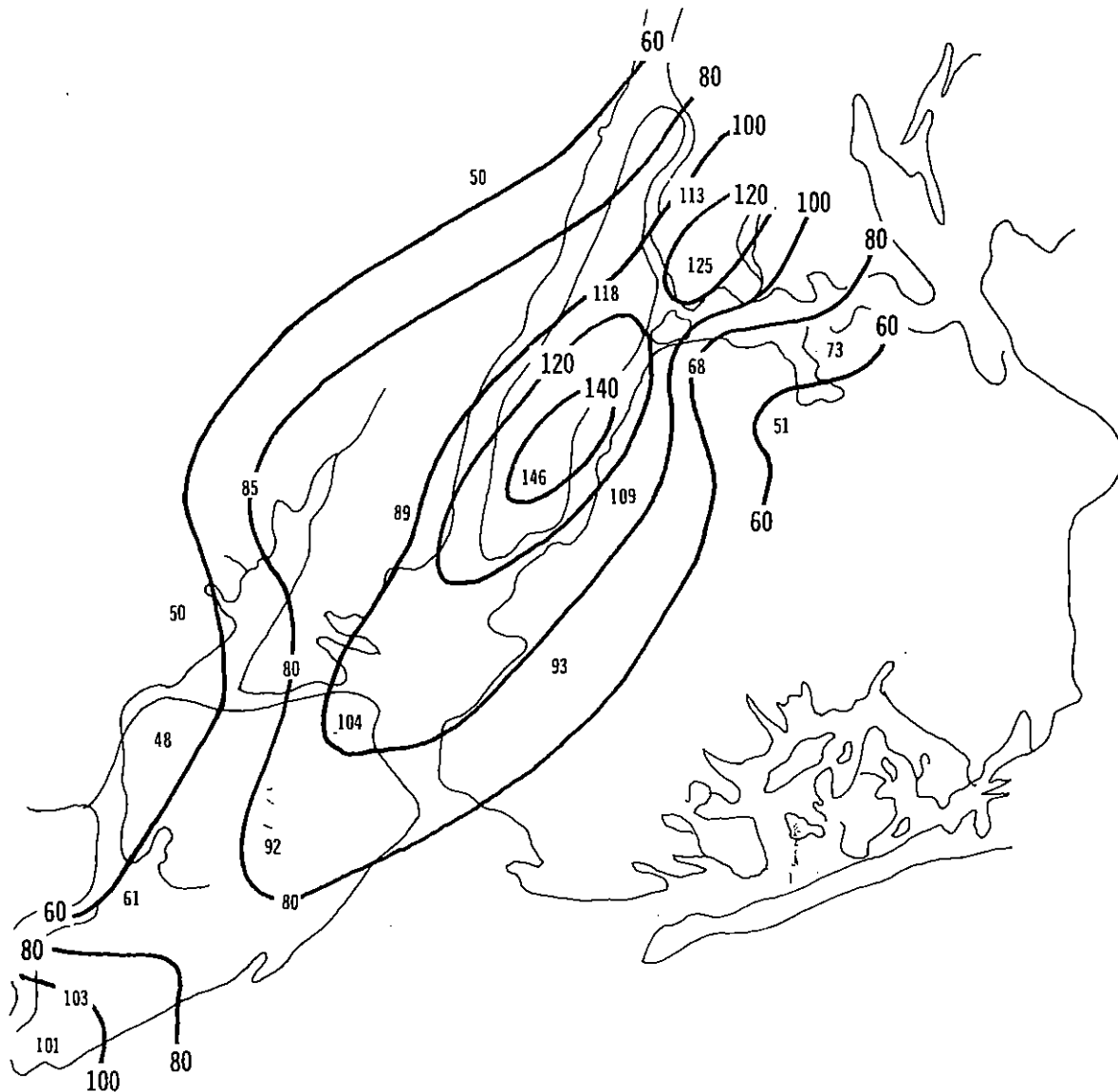


Figure 5-5. Spatial distribution of sulfur dioxide concentrations ( $\mu\text{g}/\text{m}^3$ ) in study area, winter season, 1973-1974. Bold numbers indicate concentration contours; others, individual site values.

various other portions of the area. Most of the increases occurred in Staten Island and nearby locations in New Jersey. The decreases occurred, for the most part, in Northern Queens and lower Manhattan.

### 5.1.3. Effect of Meteorological Factors

The 1973-74 winter was both milder and less windy than past winter seasons over the last decade. Typically, one would expect that a milder winter would result in a lower space heating demand and therefore less  $\text{SO}_2$  emissions, whereas lower wind speeds would result in higher  $\text{SO}_2$  concentrations because of limited dispersion. These variables were examined in depth to ascertain their possible effect and significance with respect to observed levels.

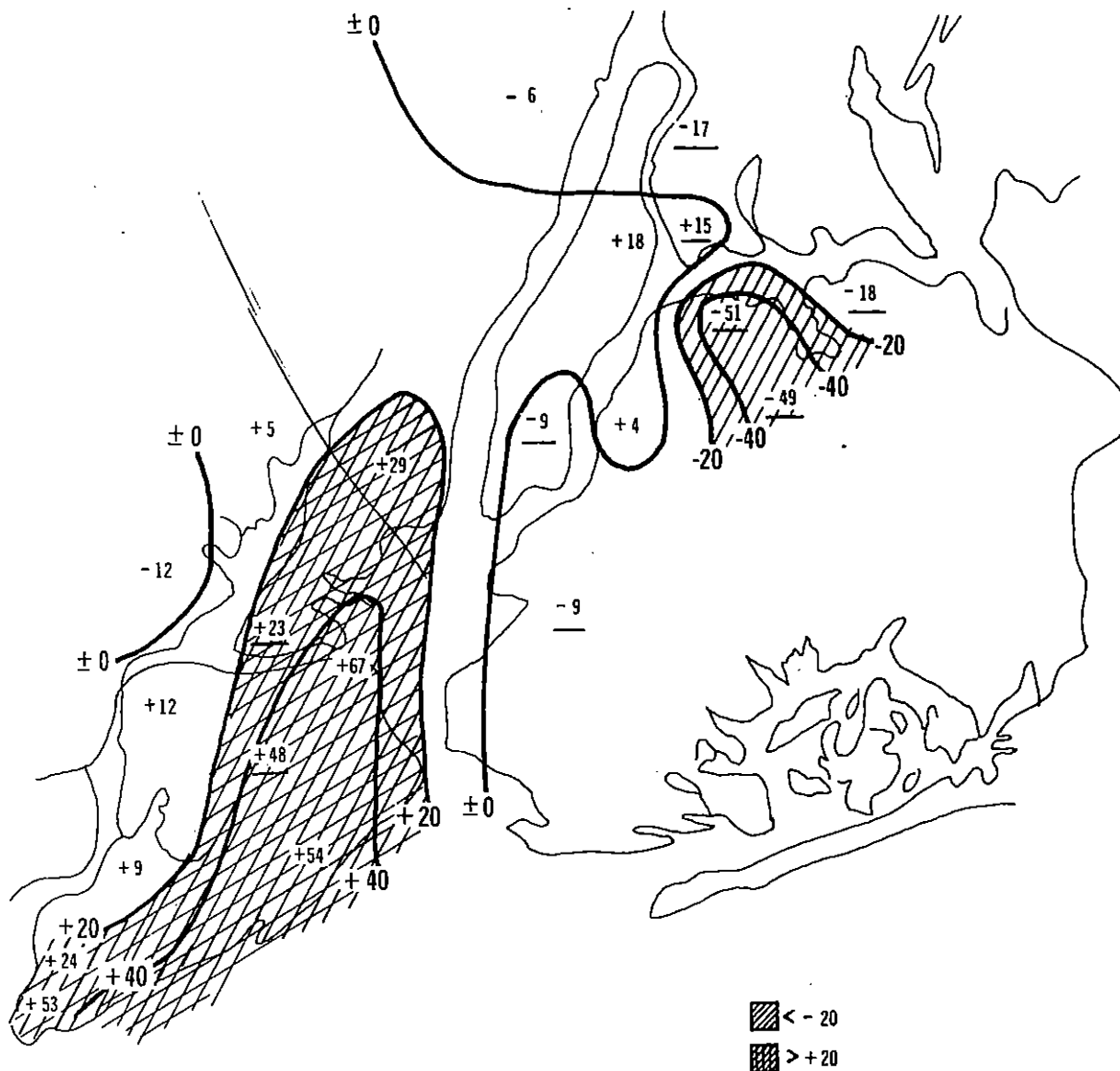


Figure 5-6. Percent change in average concentration: winter season 1972-73 compared with winter season 1973-74. Bold numbers indicate change contours; others, individual site values. Changes over 20 percent are indicated by shading. Underlined values represent incomplete set of months in averages calculated.

### 5.1.3.1 Correlation Analyses

Relationships were developed between daily average SO<sub>2</sub> levels at selected study area sites and daily average wind speed and temperature for the past three winter seasons. (Meteorological measurements from La Guardia Airport were used in the analyses of air quality at both New York City and New Jersey sites.) Table 5-4 presents the correlation results between SO<sub>2</sub> concentrations and the meteorological variables.

Sulfur Dioxide/Wind Speed Relationships - The highest average SO<sub>2</sub> concentrations tended to occur with lower daily average wind speeds, and, conversely, the lowest SO<sub>2</sub> concentrations occurred with high daily average wind speed, as expected.

Table 5-4. CORRELATION OF WINTER-SEASON DAILY SULFUR DIOXIDE  
WITH WIND SPEED AND TEMPERATURE  
AT NEW YORK-NEW JERSEY MONITORING SITES

| Site                  | Number<br>of daily<br>observations | Correlation of SO <sub>2</sub> with |                   |
|-----------------------|------------------------------------|-------------------------------------|-------------------|
|                       |                                    | Wind<br>speed                       | Temperature       |
| New Jersey            |                                    |                                     |                   |
| Bayonne               | 305                                | -0.49 <sup>a</sup>                  | 0.05              |
| Elizabeth             | 326                                | -0.51 <sup>a</sup>                  | -0.07             |
| Hackensack            | 312                                | -0.42 <sup>a</sup>                  | -0.05             |
| Jersey City           | 317                                | -0.33 <sup>a</sup>                  | -0.05             |
| Newark                | 321                                | -0.52 <sup>a</sup>                  | -0.02             |
| Perth Amboy           | 311                                | -0.32 <sup>a</sup>                  | -0.11             |
| New York              |                                    |                                     |                   |
| Laboratory            | 359                                | -0.47 <sup>a</sup>                  | 0.06              |
| Morrisania            | 109                                | -0.49 <sup>a</sup>                  | 0.27 <sup>a</sup> |
| Tallman Island        | 96                                 | -0.20                               | 0.24 <sup>a</sup> |
| Mabel Dean Bacon H.S. | 128                                | -0.27 <sup>a</sup>                  | 0.11              |
| Greenpoint            | 126                                | -0.27 <sup>a</sup>                  | 0.11              |
| Brooklyn Pub. Lib.    | 119                                | -0.43 <sup>a</sup>                  | 0.06              |
| Samuel Gompers        | 99                                 | -0.30 <sup>a</sup>                  | 0.14              |
| Goethals Bridge       | 116                                | -0.20 <sup>a</sup>                  | 0.12              |
| Borough Hall          | 116                                | -0.39 <sup>a</sup>                  | 0.30 <sup>a</sup> |
| Fresh Kills           | 117                                | -0.08                               | 0.03              |
| Seaview Hospital      | 106                                | -0.31 <sup>a</sup>                  | 0.01              |
| Egbert H.S.           | 109                                | -0.18                               | -0.07             |
| Tottenville H.S.      | 108                                | -0.30 <sup>a</sup>                  | -0.18             |
| Bowery Bay            | 87                                 | -0.17 <sup>a</sup>                  | -0.17             |
| Dept. of Health       | 97                                 | -0.22 <sup>a</sup>                  | 0.04              |

<sup>a</sup>Statistically significant at the 5 percent level.

There was also considerable scatter in the data with both high and low daily concentrations of SO<sub>2</sub> observed on days with light average wind speed. For some stations, the highest concentrations occurred not in the lowest wind-speed range (0 to 7 knots), but rather in the 8- to 10-knot range, as illustrated in Figure 5-7a. The reason for this deviation is that the stations affected by particular point sources are most affected at some critical wind speed at which the combination of plume rise and dispersion rate produce maximum concentrations. One other deviation concerned wind speed having no further effect on SO<sub>2</sub> concentrations above 16 knots (average daily wind speed). Concentrations with strong wind are well diluted so that the lower threshold of concentration measurement is reached over much of the 24-hour period - thus the lack of continuity of the relationship at higher wind speeds.

Sulfur Dioxide/Temperature Relationship - There does not appear to be a general linear relationship between SO<sub>2</sub> and temperature. At some stations, there is an increase in sulfur dioxide levels with increasing temperature. Three sites showed significant correlations for such a relationship (Table 5-4). This is opposite to what would be



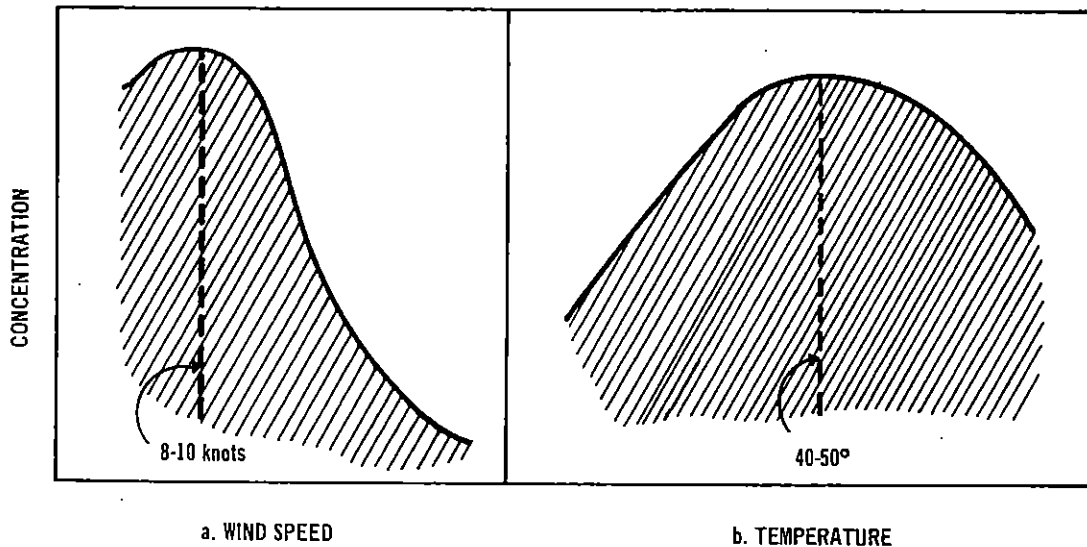


Figure 5-7. General correlation patterns for sulfur dioxide levels with wind speed and temperature.

expected to occur considering emissions alone, which increase with decreasing temperatures due to space heating demands. The meteorological explanation as to why concentrations do not uniformly follow the trend in space heating emissions is that at lower temperatures the wind speeds are usually above average, and lower temperatures are often associated with the introduction of new air masses. (It should be noted that although lower  $\text{SO}_2$  concentrations generally occurred at the lowest temperatures, some exceptions in this pattern did occur. At some sites, some of the highest concentrations were recorded at the lower temperatures, particularly during the last winter season.) The above described positive relationship between  $\text{SO}_2$  and temperature found at a few stations would not be expected to maintain itself at much higher temperatures than normally occur in winter, because of diminished space heating emissions and much greater vertical mixing. In fact, at most stations, the highest concentrations for various temperature ranges show a definite pattern, increasing with temperature until a peak is reached in the upper 40's, as shown in Figure 5-7b. Then high concentrations decreased with higher temperatures, as expected with decreased space heating emissions. Although the highest  $\text{SO}_2$  concentrations generally occurred at more moderate temperatures, there was also considerable scatter of data, such that lower concentrations also occurred at those temperatures.

#### 5.1.3.2 Trends Adjusted for Meteorology

Because of the somewhat higher temperature and generally lower wind speeds for last winter, these meteorological variables may have contributed to the increase in  $\text{SO}_2$  levels. To account for this possible impact, daily  $\text{SO}_2$  concentrations were categorized according to intervals of daily wind speed and temperature. Average  $\text{SO}_2$  concentrations for each category were then compared over the past three winter seasons.

A clear separation of average SO<sub>2</sub> levels between the past two winter seasons was observed at only a few sites across most of the range of the meteorological variables. Figure 5-8 presents the results of this analysis for two sites, the New York City Laboratory site and the Bayonne, New Jersey, site. Both of these sites, as well as five other sites, displayed an increase in SO<sub>2</sub> levels with respect to comparable meteorology. Each of these had previously been identified as increasing in overall average SO<sub>2</sub>. One site shows a decrease with respect to comparable meteorology. This site is among those that previously had been identified as displaying little or no change. Table 5-5 presents the summary of this analysis.

#### 5.1.4 Interpretation

Preliminary results indicate that significant changes in winter air quality levels have occurred. Most sites in New Jersey and most sites in New York City primarily influenced by large combustion sources have demonstrated an increase in average SO<sub>2</sub> concentrations. Monitoring sites in New York City that are mostly influenced by area source emissions of space heating have declined or at least not changed in average SO<sub>2</sub> levels.

Increases in total SO<sub>2</sub> emissions from power plants as well as increases in area source emissions corresponded to the observed increases in air quality levels of affected sites. It is suggested that the decreases in SO<sub>2</sub> levels at other locations can be attributed to fuel conservation.

The effect of meteorology on the observed SO<sub>2</sub> levels was considered. The 1973-74 winter season was found to be milder than the 1972-73 winter season, i. e., the 1973-74 season was characterized by lower wind speeds and slightly higher temperatures. With few exceptions, the highest SO<sub>2</sub> concentrations occur on days with milder temperatures or lighter wind speeds. Although the 1973-74 winter may have been more conducive to higher overall SO<sub>2</sub> concentration due to existing meteorological conditions, an increase in SO<sub>2</sub> over the previous winter could be clearly discerned even after accounting for meteorology. This process of exclusion clearly implicates fuel quality.

## **5.2 IMPACT OF GASOLINE SHORTAGE ON CARBON MONOXIDE**

Four cities were examined to determine the impact of the gasoline shortage on CO levels. The cities examined were Portland, Oregon; New York City, New York; Mamaroneck, New York; and Richmond, Virginia. The Richmond and Portland analyses were conducted by the U.S. Environmental Protection Agency, the New York City analysis by the New York City Environmental Protection Administration, and the Mamaroneck analysis by the New York State Department of Environmental Conservation. As a result, there are differences in the way the data were analyzed in each of the cities. In summary, CO was found to decrease in Portland, New York City, and Richmond and to increase in Mamaroneck. In Mamaroneck, the increase could be attributed in part to idling vehicles in gasoline lines on the road in front of the monitor, while the decrease in Richmond could be attributed in part to meteorology. A discussion of these analyses follows.

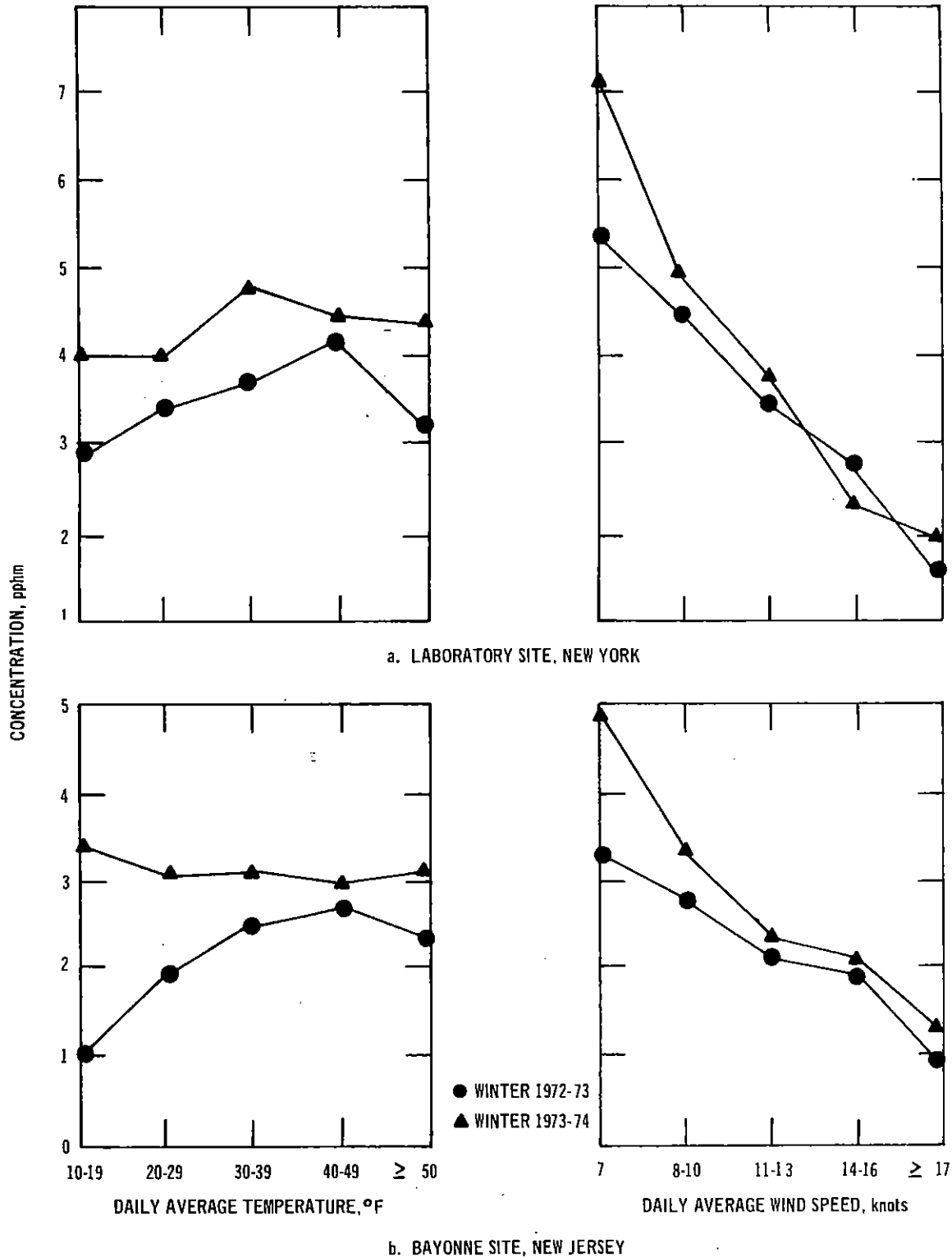


Figure 5-8. Comparison of 1972-73 winter sulfur dioxide levels with 1973-74 winter levels at selected monitoring sites in the New York-New Jersey area, adjusted for daily average wind speed and temperature.

Table 5-5. SUMMARY ASSESSMENT OF METEOROLOGICAL IMPACT ON SULFUR DIOXIDE CONCENTRATIONS AT NEW YORK-NEW JERSEY MONITORING SITES

| Site                  | Winter mean SO <sub>2</sub> concentration, µg/m <sup>3</sup> |         | Percent change    | Observed change accounting for meteorology <sup>a</sup> |
|-----------------------|--|---------|-------------------|---|
|                       | 1972-73  | 1973-74 |                   |   |
| New Jersey            |  |         |                   |   |
| Bayonne               | 65   | 80      | + 23 <sup>b</sup> | Up  |
| Elizabeth             | 57   | 50      | - 12              | No change   |
| Hackensack            | 53   | 50      | - 6               | No change   |
| Jersey City           | 69   | 89      | + 29              | Up  |
| Newark                | 81   | 85      | + 5               | No change   |
| Perth Amboy           | 83   | 103     | + 24              | Up  |
| New York City         |  |         |                   |   |
| Laboratory            | 100  | 118     | + 18              | Up  |
| Morrisania            | 136  | 113     | - 17 <sup>b</sup> | --  |
| Tallman Island        | 89   | 73      | - 18 <sup>b</sup> | --  |
| Mabel Dean Bacon H.S. | 160  | 146     | - 9 <sup>b</sup>  | Down  |
| Greenpoint            | 105  | 109     | + 4 <sup>b</sup>  | No change   |
| Brooklyn Pub. Lib.    | 102  | 93      | - 9 <sup>b</sup>  | No change   |
| Samuel Gompers        | 109  | 125     | + 15 <sup>b</sup> | --  |
| Goethals Bridge       | 43   | 48      | + 12              | No change   |
| Borough Hall          | 62   | 104     | + 67              | Up  |
| Fresh Kills           | 56   | 61      | + 9               | No change   |
| Seaview Hospital      | 62   | 92      | + 48 <sup>b</sup> | --  |
| Egbert H.S.           | 52   | 80      | + 54              | Up  |
| Tottenville H.S.      | 66   | 101     | + 53 <sup>b</sup> | --  |
| Bowery Bay            | 141  | 68      | - 51 <sup>b</sup> | --  |
| Dept. of Health       | 100  | 51      | - 49              | --  |

<sup>a</sup>Dashes indicate not considered due to insufficient air quality data.

<sup>b</sup>Based on incomplete air quality data.

### 5.2.1 Portland, Oregon

Monthly summary carbon monoxide statistics, along with information on traffic count, gasoline sales, and public transportation, were obtained for a site in downtown Portland. The monthly air quality statistics are the maximum and second maximum 1-hour values, maximum and second maximum 8-hour values, and the arithmetic mean of 8-hour values. The data are given in Table 5-6. All of these statistics showed a decrease when the winter of 1973-74 (November through February) was compared to the two previous winters (1971-72 and 1972-73).

The arithmetic means of the 8-hour values dropped an average of 10 percent from 1972-73 through 1973-74 winter seasons. During the 1973-74 winter season, the average 8-hour means dropped over 20 percent from November 1973 (11 ppm) to February 1974 (8.5 ppm).

The second highest 8-hour maximum had even more substantial decreases. The values dropped nearly 25 percent from 1972-73 to the corresponding period in 1973-74.

Table 5-6. SUMMARY OF CARBON MONOXIDE CONCENTRATIONS (ppm) FOR THE DOWNTOWN PORTLAND, OREGON, SITE (1460 002 F01) FOR WINTER SEASONS, 1971-74

| Month and year | Maximum 1-hour value | Second highest 1-hour value | Maximum 8-hour value | Second highest 8-hour value | Arithmetic mean of 8-hour values |
|----------------|----------------------|-----------------------------|----------------------|-----------------------------|----------------------------------|
| Nov. 1971      | 48.3                 | 41.4                        | 22.1                 | 21.8                        | 12.3                             |
| Dec. 1971      | 39.1                 | 39.1                        | 19.0                 | 18.5                        | 11.5                             |
| Jan. 1972      | 29.9                 | 28.8                        | 17.2                 | 15.1                        | 9.3                              |
| Feb. 1972      | 33.3                 | 32.2                        | 17.8                 | 16.5                        | 10.2                             |
| Nov. 1972      | 36.8                 | 34.5                        | 21.8                 | 21.1                        | 12.6                             |
| Dec. 1972      | 36.8                 | 36.8                        | 28.9                 | 22.0                        | 10.6                             |
| Jan. 1973      | 34.5                 | 32.2                        | 25.6                 | 20.7                        | 10.7                             |
| Feb. 1973      | 25.4                 | 24.2                        | 18.5                 | 17.1                        | 9.5                              |
| Nov. 1973      | 36.8                 | 28.7                        | 21.8                 | 15.5                        | 11.0                             |
| Dec. 1973      | 39.1                 | 38.0                        | 22.4                 | 20.2                        | 11.8                             |
| Jan. 1974      | 21.9                 | 19.6                        | 13.3                 | 12.7                        | 8.0                              |
| Feb. 1974      | 23.0                 | 23.0                        | 13.9                 | 13.6                        | 8.5                              |

From November 1973 through February 1974, the decrease was approximately 12 percent in the second maximum 8-hour levels. A study of the average daily traffic entering downtown Portland showed decreases of approximately 10 percent over the November 1973 through February 1974 period. It was estimated that average monthly gasoline sales were down nearly 20 percent while the daily public transit passenger loads increased approximately 20 percent over the same time interval. These data can be seen in Table 5-7, where January through June 1973 is used as the base period.

It should be noted that the possible influences due to meteorological differences between the two periods may account for some of the difference. Another factor is that

Table 5-7. TRAFFIC COUNT, GASOLINE SALES, AND PUBLIC TRANSPORTATION FOR PORTLAND, OREGON, DURING THE 1973-74 WINTER<sup>a</sup>

| Month and year | Average daily traffic of four freeway locations, % | Average daily traffic entering Portland, % | Average monthly gas sales statewide, % | Average daily transit passengers, % |
|----------------|--|--|--|-------------------------------------|
| Nov. 1973      | 98   | 97   | 98                                     | 109                                 |
| Dec. 1973      | 97   | 90   | 86                                     | 112                                 |
| Jan. 1974      | 86   | 87   | 80 <sup>b</sup>                        | 129                                 |
| Feb. 1974      | 91   | 90   | 80 <sup>b</sup>                        | 132                                 |

<sup>a</sup>The base period, January through June 1973, equals 100 percent.

<sup>b</sup>Estimated.

CO emissions have decreased between the two time periods because of the impact of the Federal Motor Vehicle Emission Control Program. Automotive emission reductions should account for no more than 3 to 5 percent of the total, however.

### 5.2.2 New York City

The Department of Air Resources of the New York City Environmental Protection Administration examined CO measurements for three sites, comparing the 1972-73 winter season (December, January, and February) with the 1973-74 winter season. The sites were located in Manhattan on Canal Street, 45th Street, and the 59th Street Bridge. The data from the Department of Air Resources are given in Table 5-8. They are recorded as the average of all daily 24-hour periods and all 7 a.m. to 3 p.m. periods from December through February. In addition, the data are summarized in the same way for Sundays only.

As can be seen in Table 5-8, the Canal Street and 59th Street Bridge sites were from 10 to 20 percent lower during December, January, and February of 1973-74 than during the same months of 1972-73. When the Sunday CO concentrations are examined separately, the reduction is as high as 30 percent. This is occurring at a time when leisure driving normally peaks.

Table 5-8. COMPARISON OF AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm) AT THREE NEW YORK CITY SITES, 1972-73 AND 1973-74 WINTER SEASONS<sup>a, b</sup>

|                  | Canal Street |                 | 59th Street Bridge |                 | 45th Street |                 |
|------------------|--------------|-----------------|--------------------|-----------------|-------------|-----------------|
|                  | 24-hr        | 7 a.m. - 3 p.m. | 24-hr              | 7 a.m. - 3 p.m. | 24-hr       | 7 a.m. - 3 p.m. |
| All days         |              |                 |                    |                 |             |                 |
| 1972/73          | 8.8          | 10.5            | 17.3               | 21.4            | 11.2        | 13.3            |
| 1973/74          | 7.0          | 8.8             | 15.5               | 18.2            | 11.3        | 13.7            |
| Percent improved | 20           | 16              | 10                 | 15              | -1          | -3              |
| Sundays only     |              |                 |                    |                 |             |                 |
| 1972/73          | 8.5          | 8.0             | 15.6               | 15.9            | 6.8         | 6.3             |
| 1973/74          | 5.9          | 6.2             | 13.0               | 13.7            | 6.3         | 6.9             |
| Percent improved | 31           | 22              | 17                 | 14              | 7           | -10             |

<sup>a</sup>These data were obtained from the New York City Department of Air Resources.

<sup>b</sup>Winter is defined as the months of December, January, and February.

The site located on 45th Street, however, showed no improvement during this time period. The Department of Air Resources suggests that this lack of improvement is due to the strong influence of taxis and postal vehicles, while the other two sites reflect commuter traffic and private vehicles.

#### 5.2.3 Mamaroneck, New York

In contrast to the two previous studies, the Mamaroneck study shows quite the opposite effect. The New York State Department of Environmental Conservation reported that CO violations of the 8-hour National Ambient Air Quality Standards (NAAQS) were five times greater during the 1973-74 winter (December 1 through March 14) than in the 1972-73 winter (December 1 through March 31) at their Mamaroneck site (83 compared with 16 violations). They attribute this to the idling of automobiles in daily gas lines along the road in front of the air monitor.

#### 5.2.4 Richmond, Virginia

A final example is given to illustrate the problem of interpreting ambient data. Carbon monoxide data from Richmond, Virginia, were analyzed to evaluate the effect, if any, of the energy crisis upon the levels of this automobile-related pollutant. Although the CO levels showed a decline for the first 2 months of 1974, this may be partially explained by the increasing wind speeds during this period.

The monitoring site is located in the downtown area of Richmond at the corner of Main and Belvedere. The site is situated so that it is representative of the influence of commuting traffic patterns.

The period of time chosen for the analysis was the last 4 weeks (28 days) of January and the 4 weeks of February. It was felt that this time period would reflect the most severe period of the recent gasoline shortage while at the same time minimize the potential anomalies in traffic patterns associated with the Thanksgiving, Christmas, and New Years holidays. Table 5-9 displays the data from this time period in terms of weekly averages. It should be noted that these CO levels are relatively low for an urban area site. The wind speed data were recorded at the R. E. Byrd International Airport and serve as an approximate indicator of the wind speed at the site. The data are presented in terms of weekly averages to compensate for the differences in daily traffic patterns.

The CO data in Table 5-9 show a downward trend during this 8-week period; however, the average wind speed shows an increase during this period. This may be seen more clearly in Figure 5-9, which shows a graph of both hourly average CO and wind speed. The decline in CO levels during this period may therefore be due to this increase in average wind speeds, which is indicative of greater dilution.

Table 5-9. WEEKLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)  
AND WIND SPEEDS (mph) IN RICHMOND, VIRGINIA,  
JANUARY 4 TO FEBRUARY 28, 1974

| Week      | Hourly average | Daily 8-hr max. | 6 to 9 a.m. and 4 to 7 p.m. average | Average daily wind speed |
|-----------|----------------|-----------------|-------------------------------------|--------------------------|
| 1/4-1/10  | 2.92           | 4.45            | 4.50                                | 5.90                     |
| 1/11-1/17 | 1.94           | 3.13            | 3.18                                | 7.87                     |
| 1/18-1/24 | 3.07           | 4.79            | 4.52                                | 6.63                     |
| 1/26-1/31 | 2.88           | 4.56            | 4.20                                | 6.21                     |
| 2/1-2/7   | 2.28           | 3.54            | 3.56                                | 7.24                     |
| 2/8-2/14  | 2.31           | 3.76            | 3.40                                | 8.06                     |
| 2/15-2/21 | 2.08           | 3.09            | 3.00                                | 9.13                     |
| 2/22-2/28 | 1.73           | 2.81            | 2.82                                | 9.67                     |

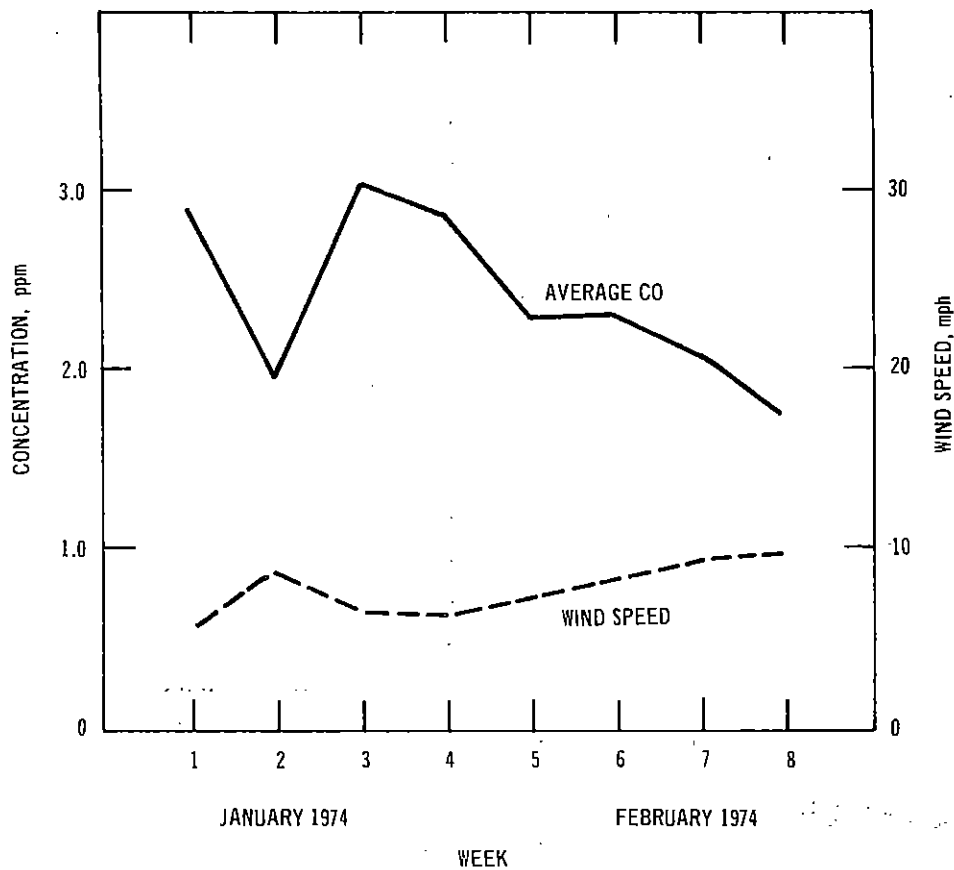


Figure 5-9. Weekly average carbon monoxide and wind speed in Richmond, Virginia, from January 4 to February 28, 1974.



The interdependence was seen in the statistical analysis of the data. If this change in wind speed was ignored, then four parameters - (1) daily average, (2) maximum 8-hour average, (3) rush-hour average, and (4) nonrush-hour average - all show statistically significant decreases, although this decrease was less apparent in the rush-hour averages. These findings are based on analysis of variance, a statistical procedure. However, when wind speed is introduced into the analysis as a covariate, using analysis of covariance, then none of the changes in the above parameters are significant. Therefore, although the data at this site indicate a decline in CO levels during this period, the associated increase in wind speeds makes the cause of these declines difficult to assess.

This failure to detect significant trends after adjusting for wind speed is not entirely unexpected. The variability associated with CO measurements and the relatively brief duration of the gasoline shortage make it quite possible that the effect would go unnoticed unless the monitoring site itself was in precisely the right location to detect changes due to alterations in traffic patterns.

### 5.3 HIGH NONURBAN OZONE CONCENTRATIONS

Much attention is currently being focused on an unanticipated recent development brought about by increased monitoring for ozone, particularly in nonurban areas. Ozone concentrations exceeding the air quality standard in areas distant from possible precursor sources have alerted EPA and other air pollution control agencies to a potential gap in present oxidant control strategies. The probable major cause of the excessive ozone levels has been hypothesized to be long-range transport of ozone and/or its precursors. Present evidence is insufficient to implicate natural sources as major contributors to high ozone levels; however, additional research is needed for verification. In the context used here, high ozone levels indicate ozone concentrations above the ambient air standard of  $160 \mu\text{g}/\text{m}^3$  (0.08 ppm), 1-hour maximum. EPA and others are conducting comprehensive field and laboratory investigations of the causes and possible implications regarding present oxidant control policies mainly consisting of local transportation controls in cities. Present indications are that transportation control plans for individual cities provide an effective means to aid in reduction of ozone on a local basis. A complicating factor, however, involves possible interurban contamination through long-range transport. The thrust of the present investigations is to gather the data necessary to form a basis for possible modifications of present oxidant control strategies. The modified strategies might include supplementary control measures on a regional or national scale to alleviate the high ozone levels in nonurban areas and those contributed by interurban transport.

Until recent years, surface ozone concentrations were considered to result from photochemical reactions of locally emitted "reactive" hydrocarbons and oxides of nitrogen

and to be of concern only in large urban areas. Destructive mechanisms and dilution with nonurban air during transport were thought to reduce the concentrations in nonurban areas to insignificant levels. However, studies conducted in Maryland-West Virginia, California, Florida, New York, and Wisconsin have indicated high ozone levels in non-urban areas. A discussion of these studies follows.

### 5.3.1 Rural Maryland-West Virginia Studies

Previous to 1970, surface measurements of ozone in nonurban areas were scant and had not indicated the existence of particularly high concentrations. In the course of a study of injury to Christmas trees conducted by the EPA in 1970, investigators unexpectedly found oxidant concentrations in a rural area of Western Maryland and Eastern West Virginia that rather frequently exceeded the NAAQS during the sampling period of May 29 to September 28.<sup>5</sup> Corroborative measurements made with a chemiluminescence ozone analyzer at one of four monitoring sites showed that virtually all of the oxidant at that location was ozone.<sup>6</sup> Follow-up measurements in the same area during the summer of 1972 at McHenry, Maryland, performed by the Research Triangle Institute (RTI) under contract to EPA, again revealed similar high levels with the chemiluminescence monitor.<sup>7</sup> In the summer of 1973, sampling was conducted by RTI at four widely separated nonurban sites in the eastern United States to determine just how widespread the high levels of ozone were.<sup>8</sup> The four sites were located at McHenry, Maryland; Kane, Pennsylvania; Coshocton, Ohio; and Lewisburg, West Virginia (Figure 5-10). The 1973 measurements verified the occurrence of widespread high ozone levels over a large region of the eastern United States, as shown by the percent frequency of various concentrations of ozone shown along with those for nitrogen dioxide and nonmethane hydrocarbon in Table 5-10. The frequencies with which the NAAQS for ozone were exceeded were 37, 30, 20, and 15 percent, respectively. Comparison of the average hourly distribution at McHenry for the 1972 and 1973 sampling periods is shown in Figure 5-11. The increase in 1973 over 1972 is attributed to a greater frequency of stagnant conditions conducive to higher pollutant concentrations in 1973 rather than to a large increase in precursor emissions over that region. Nitrogen dioxide levels measured during both periods were near background levels.

During the course of the eastern U.S. study conducted in 1973 by RTI, measurements of ozone were also taken by aircraft over the study area. The measurements over a period of a few days in August<sup>9</sup> revealed that ozone levels similar to those observed by surface monitors extended over portions of the region to elevations up to about 10,000 feet above mean sea level.

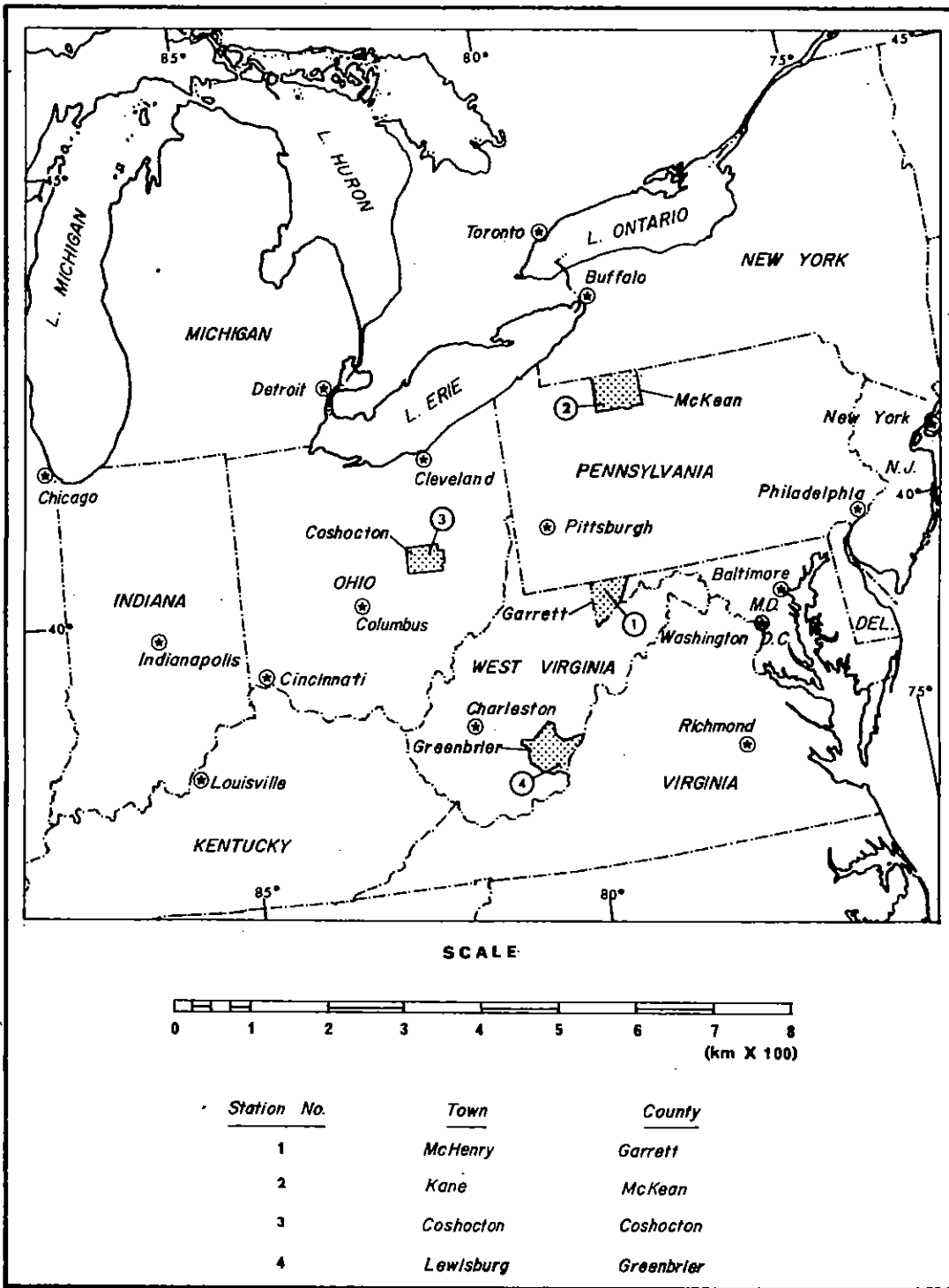


Figure 5-10. Ozone and ozone precursor monitoring stations.  
(Shaded areas indicate the identified counties).

Table 5-10. CUMULATIVE FREQUENCY DISTRIBUTIONS OF HOURLY CONCENTRATIONS OF OZONE, NITROGEN DIOXIDE, AND NONMETHANE HYDROCARBON BY STATION JUNE 26 TO SEPTEMBER 30, 1973

| Concentration,<br>µg/m <sup>3</sup> | McHenry, Md. |                  | Kane, Pa.        |                        |       | Coshocton, Ohio  |                        |       | Lewisburg, W. Va. |                        |  |
|-------------------------------------|--------------|------------------|------------------|------------------------|-------|------------------|------------------------|-------|-------------------|------------------------|--|
|                                     | Ozone        | Nitrogen dioxide | Nitrogen dioxide | Nonmethane hydrocarbon | Ozone | Nitrogen dioxide | Nonmethane hydrocarbon | Ozone | Nitrogen dioxide  | Nonmethane hydrocarbon |  |
| 0                                   | 100.0        | 100.0            | 100.0            | 100.0                  | 100.0 | 100.0            | 100.0                  | 100.0 | 100.0             | 100.0                  |  |
| 10                                  | 100.0        | 100.0            | 97.6             | 0.0                    | 100.0 | 99.9             | 0.0                    | 100.0 | 98.4              | 0.0                    |  |
| 20                                  | 100.0        | 100.0            | 52.6             | 0.0                    | 100.0 | 68.8             | 0.0                    | 99.9  | 58.4              | 0.0                    |  |
| 30                                  | 99.4         | 99.8             | 11.1             | 0.0                    | 99.8  | 26.0             | 0.0                    | 98.7  | 24.1              | 0.0                    |  |
| 40                                  | 98.6         | 98.2             | 2.5              | 0.0                    | 93.9  | 10.6             | 0.0                    | 95.0  | 17.1              | 0.0                    |  |
| 50                                  | 97.3         | 94.6             | 0.6              | 0.0                    | 89.2  | 4.3              | 0.0                    | 84.3  | 1.8               | 0.0                    |  |
| 60                                  | 95.4         | 90.9             | 0.1              | 0.0                    | 83.2  | 1.6              | 0.0                    | 76.7  | 0.6               | 0.0                    |  |
| 70                                  | 93.8         | 85.5             | 0.1              | 0.0                    | 77.2  | 0.8              | 0.0                    | 69.3  | 0.1               | 0.0                    |  |
| 80                                  | 91.5         | 79.2             | 0.1              | 0.0                    | 65.1  | 0.4              | 0.0                    | 62.7  | 0.1               | 0.0                    |  |
| 90                                  | 88.5         | 71.9             | 0.1              | 0.0                    | 58.8  | 0.1              | 0.0                    | 55.4  | 0.1               | 0.0                    |  |
| 100                                 | 83.7         | 64.9             | 0.0              | 0.0                    | 52.5  | 0.1              | 0.0                    | 50.4  | 0.1               | 0.0                    |  |
| 110                                 | 77.2         | 58.2             | 0.0              | 0.0                    | 46.7  | 0.1              | 0.0                    | 44.9  | 0.1               | 0.0                    |  |
| 120                                 | 69.2         | 52.1             | 0.0              | 0.0                    | 39.7  | 0.0              | 0.0                    | 37.7  | 0.1               | 0.0                    |  |
| 130                                 | 60.7         | 45.8             | 0.0              | 0.0                    | 34.4  | 0.0              | 0.0                    | 30.8  | 0.1               | 0.0                    |  |
| 140                                 | 53.0         | 39.0             | 0.0              | 0.0                    | 28.7  | 0.0              | 0.0                    | 23.5  | 0.1               | 0.0                    |  |
| 150                                 | 44.7         | 33.8             | 0.0              | 0.0                    | 24.5  | 0.0              | 0.0                    | 18.3  | 0.1               | 0.0                    |  |
| 160                                 | 36.9         | 29.8             | 0.0              | 0.0                    | 19.6  | 0.0              | 0.0                    | 15.2  | 0.1               | 0.0                    |  |
| 170                                 | 29.8         | 24.7             | 0.0              | 0.0                    | 15.7  | 0.0              | 0.0                    | 12.9  | 0.0               | 0.0                    |  |
| 180                                 | 24.2         | 20.7             | 0.0              | 0.0                    | 12.0  | 0.0              | 0.0                    | 10.3  | 0.0               | 0.0                    |  |
| 190                                 | 19.6         | 16.5             | 0.0              | 0.0                    | 9.3   | 0.0              | 0.0                    | 8.2   | 0.0               | 0.0                    |  |
| 200                                 | 16.0         | 12.9             | 0.0              | 0.0                    | 7.3   | 0.0              | 0.0                    | 6.1   | 0.0               | 0.0                    |  |
| 210                                 | 12.6         | 10.4             | 0.0              | 0.0                    | 5.6   | 0.0              | 0.0                    | 4.3   | 0.0               | 0.0                    |  |
| 220                                 | 9.4          | 7.8              | 0.0              | 0.0                    | 4.2   | 0.0              | 0.0                    | 3.0   | 0.0               | 0.0                    |  |
| 230                                 | 7.6          | 5.6              | 0.0              | 0.0                    | 3.9   | 0.0              | 0.0                    | 2.1   | 0.0               | 0.0                    |  |
| 240                                 | 6.2          | 4.1              | 0.0              | 0.0                    | 3.5   | 0.0              | 0.0                    | 1.6   | 0.0               | 0.0                    |  |
| 250                                 | 4.9          | 2.7              | 0.0              | 0.0                    | 3.2   | 0.0              | 0.0                    | 0.9   | 0.0               | 0.0                    |  |
| 260                                 | 4.4          | 1.6              | 0.0              | 0.0                    | 2.9   | 0.0              | 0.0                    | 0.7   | 0.0               | 0.0                    |  |
| 270                                 | 3.9          | 0.9              | 0.0              | 0.0                    | 2.2   | 0.0              | 0.0                    | 0.2   | 0.0               | 0.0                    |  |
| 280                                 | 3.0          | 0.7              | 0.0              | 0.0                    | 2.0   | 0.0              | 0.0                    | 0.1   | 0.0               | 0.0                    |  |
| 290                                 | 2.2          | 0.4              | 0.0              | 0.0                    | 1.9   | 0.0              | 0.0                    | 0.0   | 0.0               | 0.0                    |  |
| 300                                 | 1.6          | 0.2              | 0.0              | 0.0                    | 1.5   | 0.0              | 0.0                    | 0.0   | 0.0               | 0.0                    |  |
| 310                                 | 1.3          | 0.1              | 0.0              | 0.0                    | 1.3   | 0.0              | 0.0                    | 0.0   | 0.0               | 0.0                    |  |
| 320                                 | 1.0          | 0.0              | 0.0              | 0.0                    | 1.3   | 0.0              | 0.0                    | 0.0   | 0.0               | 0.0                    |  |
| 330                                 | 0.8          | 0.0              | 0.0              | 0.0                    | 1.1   | 0.0              | 0.0                    | 0.0   | 0.0               | 0.0                    |  |
| 340                                 | 0.5          | 0.0              | 0.0              | 0.0                    | 1.0   | 0.0              | 0.0                    | 0.0   | 0.0               | 0.0                    |  |
| 350                                 | 0.4          | 0.0              | 0.0              | 0.0                    | 0.8   | 0.0              | 0.0                    | 0.0   | 0.0               | 0.0                    |  |
| 360                                 | 0.1          | 0.0              | 0.0              | 0.0                    | 0.0   | 0.0              | 0.0                    | 0.0   | 0.0               | 0.0                    |  |
| 370                                 | 0.0          | 0.0              | 0.0              | 0.0                    | 0.0   | 0.0              | 0.0                    | 0.0   | 0.0               | 0.0                    |  |
| 380                                 | 0.0          | 0.0              | 0.0              | 0.0                    | 0.0   | 0.0              | 0.0                    | 0.0   | 0.0               | 0.0                    |  |

<sup>a</sup>Nonmethane hydrocarbon data invalid.

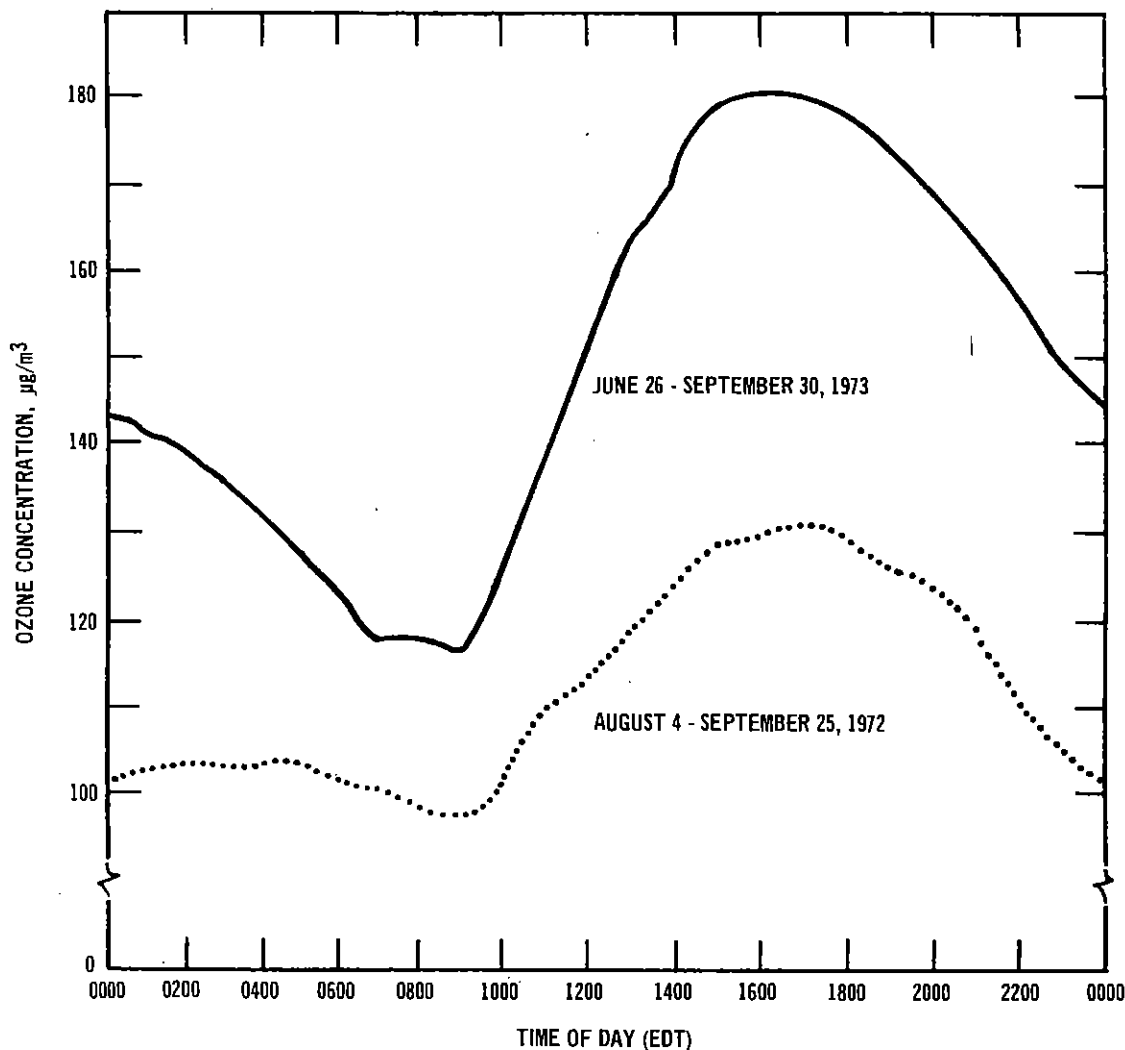


Figure 5-11. Mean diurnal ozone concentration at McHenry (Garrett County, Maryland, Airport) for June 26 to September 30, 1973, and August 4 to September 25, 1972.

### 5.3.2 California Studies

Recent ozone measurements have also indicated high nonurban ozone in California. Ozonesonde measurements have shown the existence of ozone-rich layers within elevated but low-level inversion layers. The high ozone concentrations observed at Pt. Magu, California, can be attributed to precursors originating in the Los Angeles area.<sup>10</sup> Transport of photochemical smog from Fresno to upper-surface elevations in the Mineral King Valley of California has also been suggested.<sup>11</sup>

High ozone concentrations have recently been measured at Indio, California, 140 miles from Los Angeles. The station exceeded the NAAQS for ozone more frequently than any other in California. The high concentrations occur during day and night hours. The

evidence indicates that transport to Indio from the Los Angeles Basin is a contributing factor to the observed concentrations.<sup>12</sup>

California recently reported finding levels just above the NAAQS for ozone in other remote mountain regions of the state and at coastal sites when the wind was blowing onshore.<sup>13</sup> These data from California do not appear consistent with a hypothesis of urban drift, but only further study of three-dimensional atmospheric patterns could possibly indicate the probable source of the ozone in these situations.

### 5.3.3 Florida Studies

Episodes of ozone concentrations exceeding the NAAQS have occurred in a nonurban setting near Miami, Florida. An analysis<sup>14</sup> showed that long-range transport of ozone or ozone precursors may have been responsible. A subsequent study of ozone was made during the period from January to June 1973 covering several locations in Florida and a part of Alabama. It was found during this study that excesses of the NAAQS occurred throughout the area.<sup>15</sup> Peak hourly values measured are shown in Table 5-11; urban and suburban sites, as well as nonurban sites, are listed. The table shows that rural peaks do not differ much from those observed over more populated areas. Significantly, most values that exceeded the NAAQS occurred during winter and early spring, characteristically after the passage of continental air mass fronts. This suggests long-range transport from distant source areas of ozone or ozone precursors. Detailed meteorological trajectory analyses are being performed to verify the upwind track of these air masses.

Table 5-11. PEAK HOURLY CONCENTRATIONS OF OZONE, FLORIDA STUDIES, JANUARY TO JUNE 1973

| Type of area | Site   | Peak hourly concentration, ppm | Date measured |
|--------------|--|--------------------------------|---------------|
| Nonurban     | Training and Transition Airport (Everglades) | 0.14                           | May 7         |
|              | Ft. Lauderdale                               | 0.14                           | June 26       |
|              | Naples (Rookery Bay)                         | 0.12                           | May 12        |
|              | American Telephone and Telegraph (Miami)     | 0.14                           | May 11        |
| Suburban     | Virginia Key                                 | 0.15                           | May 19        |
|              | Tampa (Boy Scout Headquarters)               | 0.18                           | June 25       |
| Urban        | Miami Reserve Center                         | 0.16                           | May 21        |
|              | West Palm Beach                              | 0.15                           | April 5       |
|              | Tampa (Davis Island)                         | 0.18                           | June 25       |

#### 5.3.4 New York and Wisconsin Studies

Very recently, reports of ozone data measurements by the New York and Wisconsin State Air Pollution Control Agencies have documented additional evidence of high ozone levels in rural environments. The New York State study<sup>16</sup> compares rural measurements at two sites with urban measurements at four sites during 17 days in August 1973. It concludes that peak ozone levels at widely separated sites were of similar magnitude regardless of regime, suggesting a common source for the greater portion of the ozone observed in New York State. The Wisconsin study<sup>17</sup> conducted during the summer of 1973 showed ozone exceeding the NAAQS at seven study sites, including a rural site in South Central Wisconsin. Wind-rose analysis indicated transport during periods of southerly wind flow and a decrease in concentrations of ozone below NAAQS following passage of cold fronts.

#### 5.3.5 On-going and Future Studies

A vigorous effort is being made during the summer of 1974 by EPA components, contractors, and state and local agencies to gather additional data necessary to form some definitive conclusions on the cause of the recently observed high levels of ozone. These efforts are briefly described in the following paragraphs.

A follow-up phase to the measurement program in the eastern United States, conducted by RTI in 1973, involving meteorological and trajectory analyses, is in progress. The contractor will attempt to relate meteorological events and variables such as fronts, temperature, relative humidity, and solar intensity to the high ozone concentrations observed and will construct trajectories of the history of the air parcels associated with high ozone.

An extensive field study is being conducted during the period June 15 to September 30, 1974, covering a large area east of the Mississippi. The study involves several groups within EPA, EPA contractors, and state and local agencies. The purpose of the project is to comprehensively investigate high rural ozone concentrations and their possible relationship to urban hydrocarbons. Both surface and aircraft measurements of discrete hydrocarbon compounds, nitrogen oxides, ozone, and an inert tracer will be made and carefully analyzed. The study design will utilize a sampling track along a southwest-northeast line from Cincinnati, Ohio, to east of Pittsburgh, Pennsylvania. A report is expected near the end of 1974.

The Wisconsin Department of Natural Resources intends to make a further concentrated study of high rural ozone levels in that state between May and September 1974 using an expanded rural network of stations supplemented by aircraft measurements. The study will be coordinated with that over the eastern United States to complement the findings of this study and that mentioned in subsection 5.3.4.

A further analysis of three-dimensional (aircraft) soundings made by Meteorology Research Incorporated in 1972 and 1973 in Los Angeles and Denver and their surroundings

is being made to assess the extent of long-range transport contributing to high ozone levels in nonurban areas surrounding those cities. The data were originally collected for urban studies in Los Angeles for the California state agency and in Denver for a research group within EPA. The further analysis will be specifically directed to analysis of the long-range transport aspect.

The Chemistry and Physics Laboratory of EPA, through a research grant with Washington State University, is in the process of obtaining airborne samples of, primarily, hydrocarbon compounds and ozone upwind, within, and downwind of several U.S. cities, among them Phoenix, Arizona; Houston, Texas; and Canton, Ohio. Some limited ground samples are also being obtained. The sampling in and around Canton is also part of the Cincinnati-Pittsburgh study described earlier.

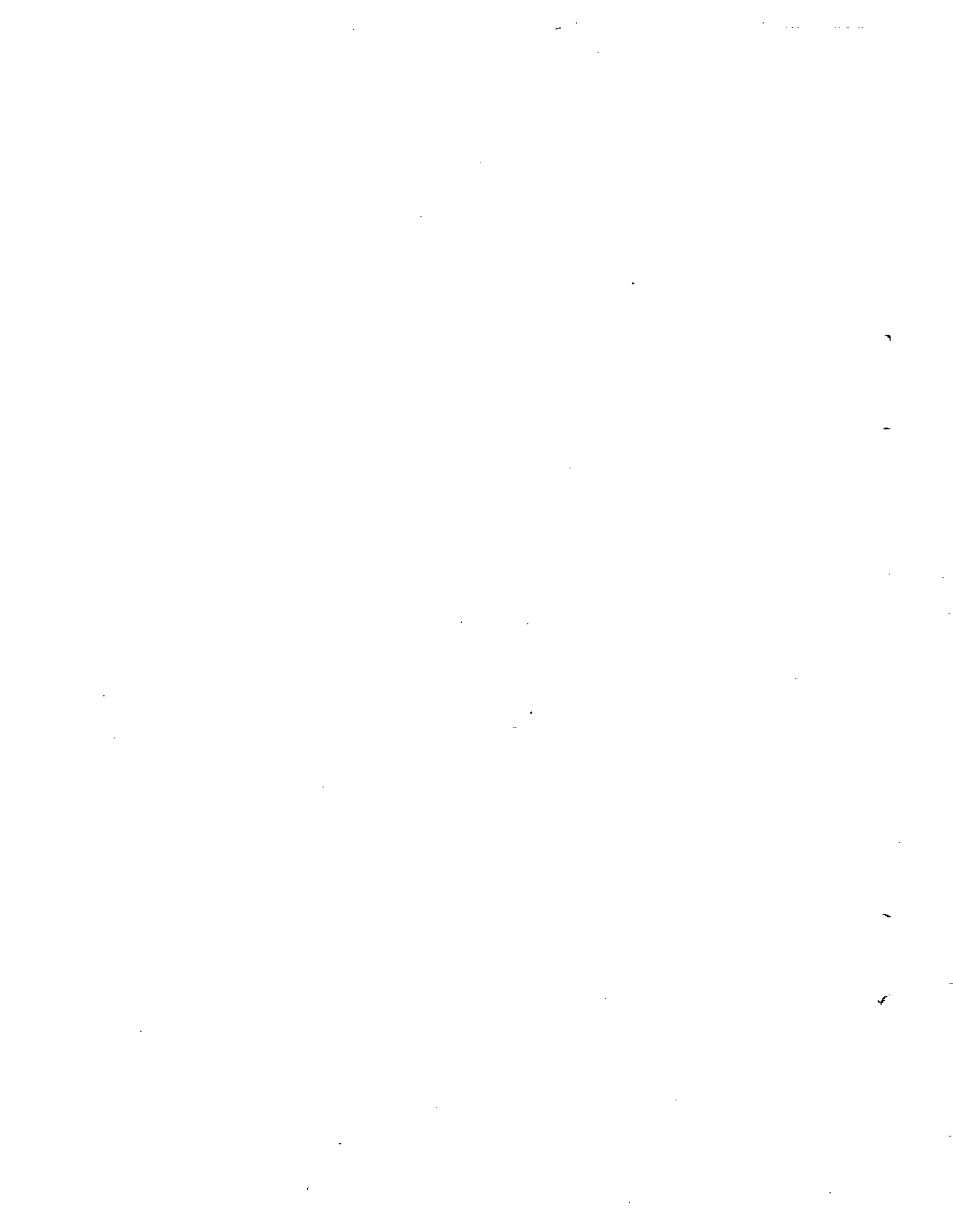
The above coverage of nonurban ozone studies in progress is not exhaustive. Undoubtedly, other agencies and groups are also studying or conducting sampling to document and resolve the issue of the cause of high nonurban ozone. The listing is meant to indicate the level and types of some of the principal efforts that are being expended. Ultimately, a compilation of the findings will be made by EPA toward the end of 1974 to reevaluate the existing policy of local, urban control of hydrocarbon emissions to control oxidant (ozone) in excess of the NAAQS.

#### 5.4 REFERENCES FOR SECTION 5

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## 6. APPENDICES: SUMMARY OF DATA FROM AIR QUALITY MONITORING STATIONS BY AQCR, 1973

Tables A-1 to E-1 present selected quantitative information for individual monitoring stations within each Air Quality Control Region, complementing the summary tables in the main part of the report. These listings of maximum and second highest values, number of values exceeding a standard, and annual means afford more definitive appraisals of AQCR status with respect to standards.

These summaries of 1973 air quality measurements for individual monitoring stations include only data collected by Federal reference methods or pending candidate methods (Table 6-1). While pending, these candidate methods are designated "unapproved." Other methods, some of which have previously been included in Environmental Protection Agency summary reports, have been found deficient in precision, accuracy, and/or reliability and are designated "unacceptable" (Table 6-1). Data collected by the "unacceptable" methods will no longer be reported, and their data bank records will be removed to an inactive file. For details on the approval and disapproval of methods, see Environmental Protection Agency Publication No. EPA-450/4-74-005.<sup>1</sup>

In those tables where more than one method is being reported for a pollutant, the code for the appropriate pollutant/method is shown for each station in the right-most column. Sulfur dioxide is divided into two tables because of differing column formats: the 24-hour bubbler data in one, the continuous instrument data in the other, including a column for the 3-hour standard.

Reference methods are identified in the preface to each appendix table, except for nitrogen dioxide. As of this writing, a reference method has not been selected from among the candidate NO<sub>2</sub> methods.

Data collected by different agencies are identified in the last three characters (the agency/project code) in each station identification code. The letter A identifies a station as Federally supported (although often operated by local personnel). An F identifies a state agency station, G a county agency, H a city agency, I a district agency, etc.<sup>2</sup> The final pair of digits in the code distinguishes among urban or population oriented stations (-01), source oriented stations (-02), nonurban or rural background stations (-03), CAMP stations (-10), etc.

Only stations reporting at least one quarter's valid data for 1973 to the data bank as of the first week in June 1974 are included in these tables. Annual means are displayed only for those stations with four valid quarters on record. Oxidant/ozone is

Table 6-1. APPROVED, CANDIDATE (UNAPPROVED), AND UNACCEPTABLE POLLUTANT MEASUREMENT METHODS, 1972-73

| Pollutant                       | Code     | Method                                | Approved | Un-approved | Unacceptable |
|---------------------------------|----------|---------------------------------------|----------|-------------|--------------|
| TSP                             | 11101 91 | Hi-vol <sup>a</sup>                   | X        |             |              |
| CO                              | 42101 11 | NDIR <sup>a</sup>                     | X        |             |              |
|                                 | 12       | Coulometric                           |          |             | X            |
|                                 | 21       | Flame ionization                      |          | X           |              |
| SO <sub>2</sub>                 | 42401 11 | Colorimetric                          |          | X           |              |
|                                 | 13       | Conductimetric                        |          | X           |              |
|                                 | 14       | Coulometric                           |          | X           |              |
|                                 | 15       | Autometer <sup>b</sup>                |          | X           |              |
|                                 | 16       | Flame photometric                     |          | X           |              |
|                                 | 31       | Hydrogen peroxide <sup>b</sup>        |          | X           |              |
|                                 | 33       | Sequential conductimetric             |          | X           |              |
|                                 | 91       | West-Gaeke sulfamic acid <sup>a</sup> | X        |             |              |
|                                 | 92       | West-Gaeke bubbler                    |          |             | X            |
|                                 | 93       | Conductimetric bubbler                |          |             | X            |
| NO <sub>2</sub>                 | 42602 11 | Colorimetric                          |          | X           |              |
|                                 | 12       | Colorimetric                          |          | X           |              |
|                                 | 13       | Coulometric                           |          | X           |              |
|                                 | 14       | Chemiluminescence                     |          | X           |              |
|                                 | 71       | J-H bubbler (orifice)                 |          |             | X            |
|                                 | 72       | Saltzman                              |          |             | X            |
|                                 | 84       | Sodium arsenite (orifice)             |          | X           |              |
|                                 | 91       | J-H bubbler (frit)                    |          |             | X            |
|                                 | 94       | Sodium arsenite (frit)                |          | X           |              |
|                                 | 95       | TEA                                   |          | X           |              |
|                                 | 96       | TGS                                   |          | X           |              |
| Photochemical oxidant/<br>ozone | 44101 11 | Alkaline KI instrumental              |          |             | X            |
|                                 | 13       | Coulometric <sup>c</sup>              |          | X           |              |
|                                 | 14       | Neut KI colorimetric                  |          | X           |              |
|                                 | 15       | Coulometric                           |          | X           |              |
|                                 | 51       | Phenolphthalin                        |          |             | X            |
|                                 | 81       | Alkaline KI bubbler                   |          |             | X            |
|                                 | 82       | Ferrous oxidation                     |          |             | X            |
|                                 | 44201 11 | Chemiluminescence <sup>a</sup>        | X        |             |              |
|                                 | 13       | Coulometric <sup>c</sup>              |          | X           |              |

<sup>a</sup>Federal reference method.

<sup>b</sup>These methods should be reported under method code 42401 13.

<sup>c</sup>These methods should be reported under method code 44101 15.

the exception to this practice; annual means are deemed of negligible pertinence for this pollutant, and are not printed for any station.

Data validity for 24-hour integrating samplers (e.g., hi-vols, bubblers) depend upon a minimal distribution of at least five values among the months of each quarter. Distributions of measurements that show no samples in 2 months of a quarter or that show no samples in 1 month and only one sample in another month are judged unacceptable for providing a representative estimate of that quarter's pollutant level. Since all four quarters must be valid for calculation of a representative or valid annual mean, there must be a minimum of 20 measurements per year from a 24-hour integrating sampler 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.

For continuous instruments, at least 75 percent of the possible hourly values must be present for the year to support the calculation of valid annual summaries.

Validity requirements are imposed to provide a basic statistical reliability for assessments of data with respect to National Ambient Air Quality Standards. 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, the station is included and pertinent statistics given 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, that result must be considered inconclusive.

In addition to the representative amount of data required from an individual station, similarly, 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. The recommended minimum number of stations for each pollutant in each AQCR is included as part of Table 3-1. If fewer than the minimum required number of stations are reporting a full year's data for a given pollutant, that AQCR's status with respect to the corresponding standards must be considered inconclusive, even though the reported values are below those standards.

Asterisks or blanks in the data columns indicate either values not justified from the available data (annual means) or values suspected of being flagrantly erroneous and pending verification.

## 6.1 REFERENCES FOR SECTION 6

1. Designation of Unacceptable Analytical Methods of Measurement for Criteria Pollutants. U.S. Environmental Protection Agency. Research Triangle Park, N.C. Publication No. EPA-450/4-74-005. September 1974.
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## A. SUSPENDED PARTICULATE MATTER

At present, there is only one generally accepted method for the measurement of suspended particulate matter (the reference method), i.e., the gravimetric determination of the net weight of material collected on a 20- by 25-centimeter (8- by 10-inch) glass fiber filter through which approximately 2200 cubic meters of air have been drawn over a 24-hour period. The high volume air sampler used to collect such samples is familiarly known as a hi-vol.

In Table A-1, the hi-vol stations are listed by AQCR. Stations in interstate AQCR's are sorted according to their respective states. Following the AQCR name, in the middle of the page, is the AQCR's priority classification.

The body of the table contains a line for each reporting station, starting with the state name, site code, station name, and year - 1973. The next three columns show the number of valid values reported, and the number of those values exceeding the secondary ( $150 \mu\text{g}/\text{m}^3$ ) and primary ( $260 \mu\text{g}/\text{m}^3$ ) 24-hour standards. The next two columns list the first and second highest values, in micrograms per cubic meter. From these values, one can judge either the degree to which the 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 ( $60 \mu\text{g}/\text{m}^3$ ) and primary ( $75 \mu\text{g}/\text{m}^3$ ) annual standards and the annual geometric mean itself.

Stations appearing in this listing, but showing no entries in the last three columns, have reported valid data for at least one quarter of 1973, but do not meet the yearly criterion of four valid quarters.

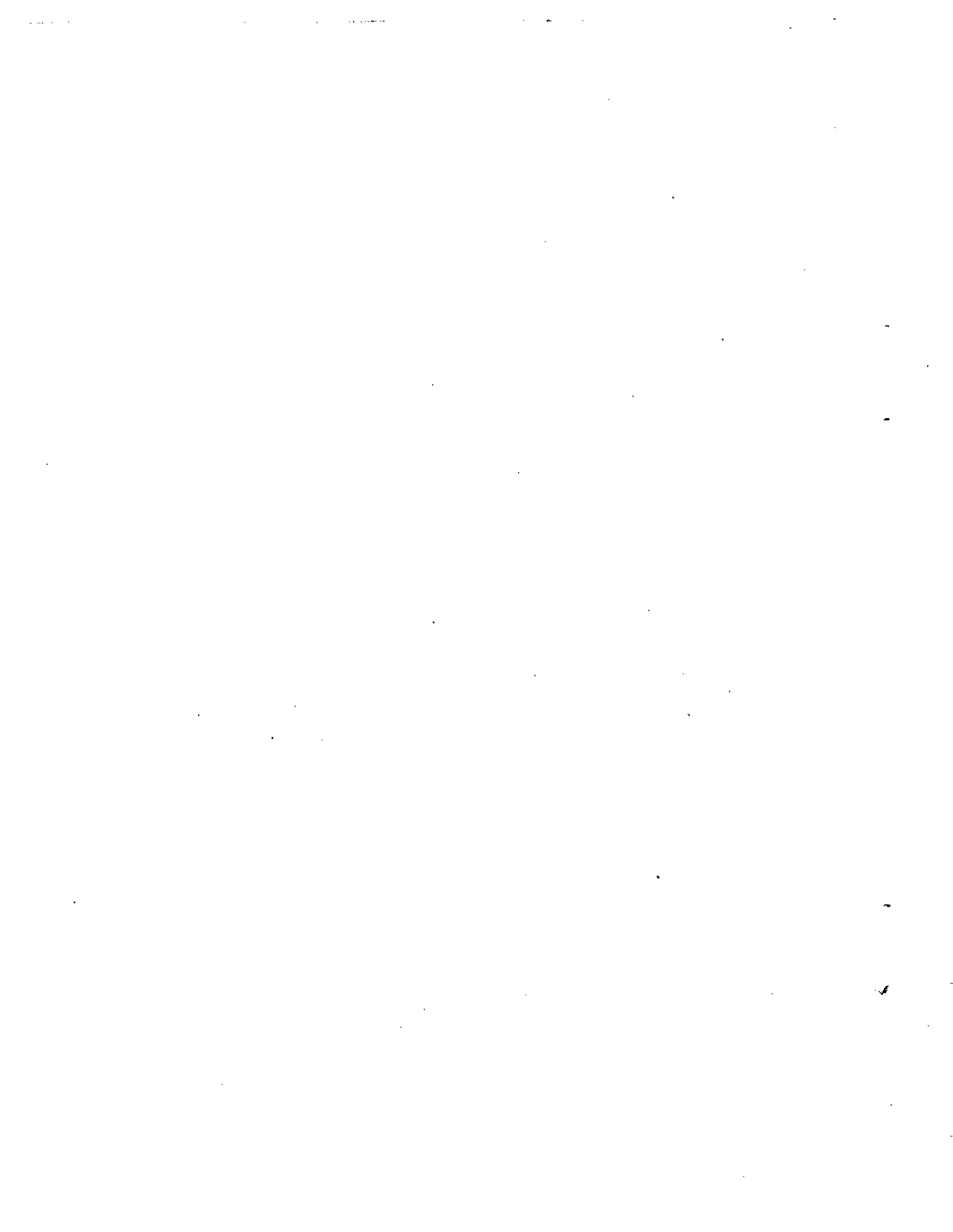




Table A-1. SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                    | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'D'G 24-HR STDS. SEC. | HIGHEST 24-HR VALUES UG/CU.M. 1ST 2ND | RATIOS TO GEOM. MEAN, ANN. STDS. SEC. PRI. UG/CU.M. |                     |
|---|------|---------------------|--|---------------------------------------|---|---------------------|
|   |      |                     |  |                                       | AS OF JUNE 07, 1974                                 | AS OF JUNE 07, 1974 |
| <b>001 ALABAMA AND TUMBIGBEE RIVERS (ALA)</b> |      |                     |  |                                       |   |                     |
| ALABAMA                                       | 73   | 39                  | 1  | 114                                   | 97  | .61 .49             |
| ALABAMA                                       | 73   | 26                  |  | 168                                   | 98  | * *                 |
| ALABAMA                                       | 73   | 57                  |  | 114                                   | 109   | .51 .41             |
| ALABAMA                                       | 73   | 54                  |  | 146                                   | 141   | .80 .64             |
| <b>002 COLUMBUS-PHENIX CITY (ALA-GA)</b>      |      |                     |  |                                       |   |                     |
| ALABAMA                                       | 73   | 26                  |  | 95                                    | 94  | * *                 |
| ALABAMA                                       | 73   | 19                  |  | 129                                   | 109   | * *                 |
| ALABAMA                                       | 73   | 30                  | 5  | 236                                   | 227   | * *                 |
| ALABAMA                                       | 73   | 22                  | 8  | 244                                   | 203   | * *                 |
| ALABAMA                                       | 73   | 23                  | 1  | 179                                   | 142   | * *                 |
| ALABAMA                                       | 73   | 50                  |  | 134                                   | 113   | 1.16 .93            |
| ALABAMA                                       | 73   | 18                  |  | 92                                    | 78  | * *                 |
| ALABAMA                                       | 73   | 30                  | 2  | 155                                   | 154   | * *                 |
| GEORGIA                                       | 73   | 37                  |  | 78                                    | 78  | .83 .66             |
| GEORGIA                                       | 73   | 58                  |  | 90                                    | 74  | .70 .56             |
| <b>003 EAST ALABAMA</b>                       |      |                     |  |                                       |   |                     |
| ALABAMA                                       | 73   | 38                  |  | 103                                   | 100   | * *                 |
| ALABAMA                                       | 73   | 31                  |  | 148                                   | 129   | 1.18 .94            |
| ALABAMA                                       | 73   | 47                  | 3  | 198                                   | 165   | .80 .64             |
| ALABAMA                                       | 73   | 41                  | 13   | 194                                   | 189   | 1.81 1.45           |
| ALABAMA                                       | 73   | 26                  | 7  | 356                                   | 313   | * *                 |
| ALABAMA                                       | 73   | 54                  |  | 146                                   | 138   | 1.05 .84            |
| ALABAMA                                       | 73   | 58                  | 7  | 268                                   | 238   | 1.45 1.16           |
| <b>004 METROPOLITAN BIRMINGHAM (ALA)</b>      |      |                     |  |                                       |   |                     |
| ALABAMA                                       | 73   | 287                 | 63   | 301                                   | 264   | 1.80 1.44           |
| ALABAMA                                       | 73   | 27                  | 6  | 225                                   | 213   | 1.85 1.48           |
| ALABAMA                                       | 73   | 52                  | 17   | 327                                   | 296   | 2.98 2.66           |
| ALABAMA                                       | 73   | 338                 | 136  | 679                                   | 673   | 2.13 2.13           |
| ALABAMA                                       | 73   | 52                  | 10   | 311                                   | 266   | 1.90 1.52           |
| ALABAMA                                       | 73   | 56                  | 13   | 776                                   | 293   | 1.90 1.52           |
| ALABAMA                                       | 73   | 307                 | 109  | 484                                   | 377   | 2.95 1.64           |
| ALABAMA                                       | 73   | 58                  |  | 130                                   | 103   | .65 .52             |
| ALABAMA                                       | 73   | 343                 | 110  | 434                                   | 384   | 2.06 1.65           |
| ALABAMA                                       | 73   | 50                  | 10   | 256                                   | 237   | 1.78 1.42           |
| ALABAMA                                       | 73   | 55                  | 2  | 209                                   | 151   | 1.26 1.01           |
| ALABAMA                                       | 73   | 230                 | 107  | 482                                   | 481   | 2.38 1.90           |
| ALABAMA                                       | 73   | 44                  | 4  | 349                                   | 280   | 1.10 .88            |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                            | YEAR | NO. OF VALID VALUES | NO. OF VALUES EXC'D'G 24-HR STDS. SEC. | NC. OF DAILY 24-HR STDS. PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | RATIOS TO ANNUAL GEOM. MEAN | AS OF JUNE 07, 1974 |
|---|------|---------------------|--|-------------------------------|-----------------------------------|-----------------------------|---------------------|
|   |      |                     |  |                               |                                   |                             |                     |
| 005 MOBILE-PENSACOLA-PANAMA CITY-S. MISS. (ALA-FLA-M) |      |                     |  | ** PRIORITY 1 **              |                                   |                             |                     |
| ALABAMA   | 73   | 55                  |  |                               | 149                               | 1.13                        | 68                  |
| ALABAMA   | 73   | 56                  | 3                                      |                               | 200                               | 1.20                        | 72                  |
| ALABAMA   | 73   | 48                  |  |                               | 109                               | .66                         | 36                  |
| ALABAMA   | 73   | 52                  | 22                                     | 8                             | 493                               | 3.48                        | 138                 |
| ALABAMA   | 73   | 31                  | 2                                      |                               | 259                               | 1.71                        | *                   |
| 006 SOUTHEAST ALABAMA                                 |      |                     |  | ** PRIORITY 2 **              |                                   |                             |                     |
| ALABAMA   | 73   | 46                  | 3                                      |                               | 165                               | .88                         | 53                  |
| ALABAMA   | 73   | 49                  | 6                                      |                               | 182                               | *                           | *                   |
| ALABAMA   | 73   | 25                  | 3                                      |                               | 344                               | *                           | *                   |
| ALABAMA   | 73   | 51                  | 26                                     | 10                            | 535                               | 2.36                        | 142                 |
| ALABAMA   | 73   | 49                  | 2                                      |                               | 183                               | .80                         | 48                  |
| ALABAMA   | 73   | 49                  |  |                               | 133                               | .73                         | 44                  |
| ALABAMA   | 73   | 46                  | 1                                      |                               | 175                               | *                           | *                   |
| FLORIDA   | 73   | 36                  | 26                                     | 24                            | 1,385                             | 1.386                       | *                   |
| FLORIDA   | 73   | 24                  | 20                                     | 20                            | 1,065                             | 832                         | *                   |
| MISSISSIPPI   | 73   | 9                   | 2                                      |                               | 154                               | 151                         | *                   |
| MISSISSIPPI   | 73   | 13                  | 1                                      |                               | 155                               | 144                         | *                   |
| MISSISSIPPI   | 73   | 28                  | 2                                      | 1                             | 528                               | 1.65                        | 77                  |
| MISSISSIPPI   | 73   | 18                  |  |                               | 134                               | 114                         | *                   |
| MISSISSIPPI   | 73   | 29                  | 1                                      |                               | 171                               | 117                         | *                   |
| MISSISSIPPI   | 73   | 29                  | 2                                      |                               | 204                               | 159                         | *                   |
| MISSISSIPPI   | 73   | 29                  |  |                               | 118                               | 107                         | *                   |
| MISSISSIPPI   | 73   | 21                  |  |                               | 84                                | 73                          | *                   |
| MISSISSIPPI   | 73   | 42                  |  |                               | 119                               | 60                          | *                   |
| MISSISSIPPI   | 73   | 11                  |  |                               | 115                               | 86                          | *                   |
| MISSISSIPPI   | 73   | 13                  |  |                               | 118                               | 117                         | *                   |
| MISSISSIPPI   | 73   | 30                  |  |                               | 124                               | 120                         | *                   |
| MISSISSIPPI   | 73   | 28                  | 1                                      |                               | 178                               | 97                          | *                   |
| MISSISSIPPI   | 73   | 12                  | 2                                      |                               | 181                               | 163                         | *                   |
| MISSISSIPPI   | 73   | 11                  |  |                               | 124                               | 114                         | *                   |
| MISSISSIPPI   | 73   | 28                  | 1                                      |                               | 161                               | 90                          | *                   |
| 007 TENN. RIVER VALLEY-CUMBERLAND MTS (ALA-TENN)      |      |                     |  | ** PRIORITY 1 **              |                                   |                             |                     |
| ALABAMA   | 73   | 33                  | 3                                      |                               | 188                               | .81                         | 49                  |
| ALABAMA   | 73   | 63                  | 9                                      |                               | 208                               | 1.48                        | 89                  |
| ALABAMA   | 73   | 42                  |  |                               | 136                               | *                           | *                   |
| ALABAMA   | 73   | 35                  |  |                               | 112                               | 105                         | *                   |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. | HIGHEST 24-HR VALUES UG/CU.M. | A N N J A L |                     | RATIOS TO GECM. MEAN UG/CU.M. | ANN. STDS SEC. PHI. UG/CU.M. |
|----------------------------|------|---------------------|---|-------------------------------|-------------|---------------------|-------------------------------|------------------------------|
|                            |      |                     |   |                               | 1ST         | 2ND                 |                               |                              |
| ALABAMA                    | 73   | 60                  | 1                                       | 152                           | 137         | 1.18                | .94                           | 71                           |
| ALABAMA                    | 73   | 72                  | 19                                      | 639                           | 639         | *                   | *                             |                              |
| ALABAMA                    | 73   | 65                  | 6                                       | 639                           | 639         | 1.28                | 1.02                          | 77                           |
| ALABAMA                    | 73   | 63                  | 6                                       | 639                           | 639         | 1.23                | .98                           | 74                           |
| ALABAMA                    | 73   | 42                  | 10                                      | 639                           | 639         | 1.58                | 1.26                          | 95                           |
| ALABAMA                    | 73   | 37                  | 10                                      | 639                           | 639         | *                   | *                             |                              |
| ALABAMA                    | 73   | 34                  | 1                                       | 314                           | 138         | *                   | *                             |                              |
| ALABAMA                    | 73   | 22                  | 9                                       | 1,830                         | 1,450       | *                   | *                             |                              |
| ALABAMA                    | 73   | 48                  |   | 120                           | 116         | .95                 | .76                           | 57                           |
| ALABAMA                    | 73   | 48                  | 1                                       | 181                           | 111         | .80                 | .64                           | 48                           |
| ALABAMA                    | 73   | 46                  |   | 123                           | 83          | .35                 | .28                           | 21                           |
| ALABAMA                    | 73   | 25                  |   | 131                           | 112         | *                   | *                             |                              |
| ALABAMA                    | 73   | 61                  | 11                                      | 771                           | 498         | 1.28                | 1.02                          | 77                           |
| ALABAMA                    | 73   | 218                 | 2                                       | 156                           | 152         | .96                 | .77                           | 58                           |
| ALABAMA                    | 73   | 61                  |   | 92                            | 91          | .73                 | .58                           | 44                           |
| ALABAMA                    | 73   | 61                  |   | 87                            | 70          | .56                 | .45                           | 34                           |
| ALABAMA                    | 73   | 54                  |   | 116                           | 101         | .86                 | .69                           | 52                           |
| ALABAMA                    | 73   | 54                  |   | 105                           | 89          | .75                 | .6J                           | 45                           |
| ALABAMA                    | 73   | 50                  |   | 103                           | 83          | .71                 | .57                           | 43                           |
| ALABAMA                    | 73   | 30                  |   | 84                            | 72          | *                   | *                             |                              |
| ALABAMA                    | 73   | 30                  |   | 127                           | 9C          | *                   | *                             |                              |
| ALABAMA                    | 73   | 30                  |   | 135                           | 108         | *                   | *                             |                              |
| ALABAMA                    | 73   | 28                  | 2                                       | 169                           | 159         | *                   | *                             |                              |
| ALABAMA                    | 73   | 47                  | 3                                       | 780                           | 194         | .85                 | .68                           | 51                           |
| ALABAMA                    | 73   | 47                  | 2                                       | 970                           | 153         | 1.11                | .89                           | 67                           |
| ALABAMA                    | 73   | 42                  | 3                                       | 1,100                         | 241         | 1.66                | 1.33                          | 100                          |
| ALABAMA                    | 73   | 45                  | 3                                       | 450                           | 162         | .76                 | .61                           | 46                           |
| ALABAMA                    | 73   | 18                  |   | 135                           | 103         | *                   | *                             |                              |
| ALABAMA                    | 73   | 16                  |   | 88                            | 87          | *                   | *                             |                              |
| TENNESSEE                  | 73   | 12                  |   | 72                            | 68          | *                   | *                             |                              |
| TENNESSEE                  | 73   | 10                  |   | 86                            | 82          | *                   | *                             |                              |
| TENNESSEE                  | 73   | 20                  |   | 89                            | 87          | *                   | *                             |                              |
| TENNESSEE                  | 73   | 21                  |   | 139                           | 81          | *                   | *                             |                              |
| TENNESSEE                  | 73   | 22                  |   | 107                           | 104         | *                   | *                             |                              |
| TENNESSEE                  | 73   | 22                  |   | 58                            | 53          | *                   | *                             |                              |
| 008 COOK INLET (ALASK)     |      |                     | ** PRIORITY 1 **                        |                               |             | AS OF JUNE 07, 1974 |                               |                              |
| ALASKA                     | 73   | 22                  | 2                                       | 231                           | 169         | *                   | *                             |                              |
| ALASKA                     | 73   | 15                  | 2                                       | 207                           | 153         | *                   | *                             |                              |
| ALASKA                     | 73   | 49                  | 1                                       | 326                           | 134         | *                   | *                             |                              |
| ALASKA                     | 73   | 11                  | 7                                       | 241                           | 235         | *                   | *                             |                              |
| ALASKA                     | 73   | 60                  | 5                                       | 412                           | 261         | .73                 | .59                           | 44                           |
| ALASKA                     | 73   | 61                  |   | 83                            | 75          | .23                 | .18                           | 14                           |
| ALASKA                     | 73   | 57                  | 22                                      | 1,393                         | 1,094       | 1.50                | 1.20                          | 90                           |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                                 | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. | HIGHEST 24-HR VALUE UG/CU.M. | ANNUAL RATIOS TO MEAN |          |
|--|-----------|---------------------|---|------------------------------|-----------------------|----------|
|  |           |                     |   |                              | 1ST SEC.              | 2ND SEC. |
| <b>009 NORTHERN ALASKA</b>                                 |           |                     |   |                              |                       |          |
| ALASKA   | 73        | 23                  | 2                                       | 50                           | 37                    | *        |
| ALASKA   | 73        | 26                  | 2                                       | 327                          | 179                   | *        |
| ALASKA   | 73        | 45                  | 5                                       | 321                          | 264                   | .50 .40  |
| <b>011 SOUTHEASTERN ALASKA</b>                             |           |                     |   |                              |                       |          |
| ALASKA   | 73        | 16                  | 6                                       | 361                          | 264                   | *        |
| ALASKA   | 73        | 36                  | 13                                      | 378                          | 377                   | *        |
| ALASKA   | 73        | 46                  | 5                                       | 210                          | 186                   | 1.06 .85 |
| ALASKA   | 73        | 38                  | 4                                       | 371                          | 232                   | *        |
| ALASKA   | 73        | 49                  | 2                                       | 179                          | 167                   | .86 .69  |
| ALASKA   | 73        | 39                  | 6                                       | 293                          | 286                   | *        |
| ALASKA   | 73        | 53                  | 5                                       | 133                          | 107                   | .21 .17  |
| ALASKA   | 73        | 39                  | 5                                       | 404                          | 259                   | *        |
| ALASKA   | 73        | 56                  | 3                                       | 201                          | 162                   | .58 .46  |
| ALASKA   | 73        | 33                  | 6                                       | 339                          | 280                   | *        |
| ALASKA   | 73        | 40                  | 4                                       | 91                           | 88                    | *        |
| <b>012 ARIZONA-NEW MEXICO SOUTHERN BORDER (ARIZ.-N.M.)</b> |           |                     |   |                              |                       |          |
| ALASKA   | 73        | 58                  | 17                                      | 367                          | 318                   | .96 .77  |
| ALASKA   | 73        | 35                  | 4                                       | 118                          | 117                   | *        |
| ALASKA   | 73        | 37                  | 5                                       | 245                          | 244                   | *        |
| ALASKA   | 73        | 50                  | 5                                       | 234                          | 205                   | *        |
| ALASKA   | 73        | 51                  | 1                                       | 166                          | 64                    | *        |
| ALASKA   | 73        | 40                  | 2                                       | 182                          | 155                   | .58 .46  |
| <b>012 ARIZONA-NEW MEXICO SOUTHERN BORDER (ARIZ.-N.M.)</b> |           |                     |   |                              |                       |          |
| ARIZONA  | 73        | 36                  | 5                                       | 475                          | 215                   | *        |
| ARIZONA  | 73        | 42                  | 1                                       | 177                          | 137                   | *        |
| ARIZONA  | 73        | 17                  | 2                                       | 261                          | 172                   | *        |
| NEW MEXICO   | 73        | 57                  | 6                                       | 227                          | 198                   | .85 .68  |
| NEW MEXICO   | 73        | 48                  | 2                                       | 146                          | 139                   | .88 .70  |
| NEW MEXICO   | 73        | 57                  | 12                                      | 421                          | 395                   | 1.20 .96 |
| NEW MEXICO   | 73        | 42                  | 6                                       | 523                          | 269                   | .86 .69  |
| NEW MEXICO   | 73        | 31                  | 3                                       | 65                           | 67                    | *        |
| NEW MEXICO   | 73        | 18                  | 3                                       | 108                          | 97                    | *        |
| NEW MEXICO   | 73        | 36                  | 3                                       | 90                           | 66                    | .48 .38  |
| NEW MEXICO   | 73        | 44                  | 4                                       | 98                           | 94                    | .43 .34  |
| NEW MEXICO   | 73        | 41                  | 2                                       | 287                          | 163                   | .85 .69  |
| NEW MEXICO   | 73        | 55                  | 5                                       | 421                          | 201                   | .91 .73  |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR FI-VOLUME FILTER SAMPLE - 11110191

| AIR QUALITY CONTROL REGION         | YEAR | NO. OF VALID VALUES | NO. OF VALUES EXCEEDING 24-HR STDS. | HIGHEST 24-HR VALUE UG/CU.M. | AS OF JUNE 07, 1974 |           | ANN. STDS. MEAN UG/CU.M. | RATIOS TO ANN. STDS. | A N N U A L MEAN UG/CU.M. |
|------------------------------------|------|---------------------|-------------------------------------|------------------------------|---------------------|-----------|--------------------------|----------------------|---------------------------|
|                                    |      |                     |                                     |                              | SEC. PRI.           | SEC. PRI. |                          |                      |                           |
| ** PRIORITY 1 **                   |      |                     |                                     |                              |                     |           |                          |                      |                           |
| 013 CLARK-MOHAVE (ARIZ-NEV)        |      |                     |                                     |                              |                     |           |                          |                      |                           |
| ARIZONA                            | 73   | 7                   |                                     | 110                          | 64                  | *         |                          | *                    |                           |
| ARIZONA                            | 73   | 61                  |                                     | 141                          | 112                 | 53        |                          | 42                   | 32                        |
| ARIZONA                            | 73   | 38                  |                                     | 80                           | 78                  | 56        |                          | 45                   | 34                        |
| ARIZONA                            | 73   | 5                   |                                     | 138                          | 109                 | *         |                          | *                    |                           |
| ARIZONA                            | 73   | 54                  | 15                                  | 1,101                        | 287                 | 1.81      |                          | 1.45                 | 109                       |
| NEVADA                             | 73   | 56                  |                                     | 139                          | 123                 | .81       |                          | .65                  | 49                        |
| NEVADA                             | 73   | 53                  | 1                                   | 197                          | 103                 | .60       |                          | .48                  | 36                        |
| NEVADA                             | 73   | 41                  | 3                                   | 186                          | 167                 | .60       |                          | .53                  | 40                        |
| NEVADA                             | 73   | 41                  |                                     | 99                           | 77                  | .60       |                          | .48                  | 36                        |
| NEVADA                             | 73   | 53                  | 11                                  | 285                          | 248                 | 1.75      |                          | 1.40                 | 105                       |
| NEVADA                             | 73   | 53                  |                                     | 143                          | 132                 | 1.03      |                          | .82                  | 62                        |
| NEVADA                             | 73   | 49                  |                                     | 149                          | 147                 | 1.41      |                          | 1.13                 | 85                        |
| NEVADA                             | 73   | 55                  | 11                                  | 412                          | 296                 | 1.65      |                          | 1.32                 | 99                        |
| NEVADA                             | 73   | 51                  | 1                                   | 151                          | 150                 | .78       |                          | .62                  | 47                        |
| NEVADA                             | 73   | 53                  | 1                                   | 297                          | 142                 | 1.01      |                          | .81                  | 61                        |
| NEVADA                             | 73   | 48                  | 27                                  | 850                          | 792                 | 2.95      |                          | 2.36                 | 177                       |
| NEVADA                             | 73   | 52                  | 1                                   | 367                          | 162                 | 1.30      |                          | 1.04                 | 78                        |
| NEVADA                             | 73   | 43                  | 6                                   | 276                          | 215                 | *         |                          | *                    |                           |
| NEVADA                             | 73   | 37                  | 7                                   | 415                          | 273                 | *         |                          | *                    |                           |
| NEVADA                             | 73   | 44                  | 3                                   | 213                          | 182                 | 1.65      |                          | 1.32                 | 99                        |
| NEVADA                             | 73   | 50                  | 3                                   | 188                          | 177                 | .96       |                          | .77                  | 58                        |
| ** PRIORITY 1A **                  |      |                     |                                     |                              |                     |           |                          |                      |                           |
| FOUR CORNERS (ARIZ-COLO-N.M.-UTAH) |      |                     |                                     |                              |                     |           |                          |                      |                           |
| ARIZONA                            | 73   | 51                  | 2                                   | 202                          | 159                 | *         |                          | *                    |                           |
| ARIZONA                            | 73   | 41                  | 2                                   | 202                          | 160                 | *         |                          | *                    |                           |
| ARIZONA                            | 73   | 19                  |                                     | 51                           | 51                  | *         |                          | *                    |                           |
| ARIZONA                            | 73   | 9                   |                                     | 104                          | 76                  | *         |                          | *                    |                           |
| ARIZONA                            | 73   | 49                  | 5                                   | 430                          | 375                 | .96       |                          | .77                  | 58                        |
| ARIZONA                            | 73   | 21                  | 1                                   | 224                          | 125                 | *         |                          | *                    |                           |
| ARIZONA                            | 73   | 50                  |                                     | 34                           | 54                  | *         |                          | *                    |                           |
| ARIZONA                            | 73   | 18                  |                                     | 91                           | 53                  | *         |                          | *                    |                           |
| ARIZONA                            | 73   | 80                  | 7                                   | 228                          | 164                 | 1.08      |                          | .60                  | 65                        |
| ARIZONA                            | 73   | 83                  | 1                                   | 234                          | 142                 | .76       |                          | .61                  | 46                        |
| ARIZONA                            | 73   | 25                  |                                     | 48                           | 38                  | .26       |                          | .21                  | 16                        |
| ARIZONA                            | 73   | 67                  |                                     | 82                           | 55                  | .21       |                          | .17                  | 13                        |
| ARIZONA                            | 73   | 18                  |                                     | 87                           | 76                  | *         |                          | *                    |                           |
| ARIZONA                            | 73   | 8                   |                                     | 66                           | 55                  | *         |                          | *                    |                           |
| ARIZONA                            | 73   | 17                  |                                     | 116                          | 94                  | *         |                          | *                    |                           |
| ARIZONA                            | 73   | 8                   |                                     | 63                           | 35                  | *         |                          | *                    |                           |
| ARIZONA                            | 73   | 9                   |                                     | 183                          | 40                  | *         |                          | *                    |                           |
| ARIZONA                            | 73   | 11                  |                                     | 104                          | 71                  | *         |                          | *                    |                           |
| ARIZONA                            | 73   | 14                  |                                     | 48                           | 41                  | *         |                          | *                    |                           |

Table A-1 (continued) . SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION | YEAR | VALU. OF VALID VALUES | NO. OF VALUES EXC'D'S 24-HR STD'S. PRI. | DAILY FILTER SAMPLES | HIGHEST 24-HR VALUE UG/CU.M. | AS OF JUNE 07, 1974 |                  | AS OF JUNE 07, 1974            |                               |
|----------------------------|------|-----------------------|---|----------------------|------------------------------|---------------------|------------------|--------------------------------|-------------------------------|
|                            |      |                       |   |                      |                              | ** PRIORITY 1 **    | ** PRIORITY 2 ** | RATIOS TO ANN. STDS. SEC. PRI. | RATIOS TO GEOM. MEAN UG/CU.M. |
| U15 PHOENIX-TUCSON (ARIZ)  | 73   | 50                    | 5                                       | 2                    | 730                          | 381                 | 1.18             | .94                            | 71                            |
| ARIZONA                    | 73   | 29                    | 16                                      | 2                    | 355                          | 273                 | *                | *                              |                               |
| ARIZONA                    | 73   | 26                    | 14                                      | 2                    | 473                          | 271                 | *                | *                              |                               |
| ARIZONA                    | 73   | 50                    | 36                                      | 14                   | 1,005                        | 777                 | 3.06             | 2.45                           | 184                           |
| ARIZONA                    | 73   | 7                     |   |                      | 95                           | 92                  | *                | *                              |                               |
| ARIZONA                    | 73   | 54                    | 6                                       | 1                    | 379                          | 233                 | 1.23             | .98                            | 74                            |
| ARIZONA                    | 73   | 26                    |   |                      | 91                           | 86                  | *                | *                              |                               |
| ARIZONA                    | 73   | 28                    |   |                      | 144                          | 123                 | *                | *                              |                               |
| ARIZONA                    | 73   | 27                    | 13                                      | 1                    | 304                          | 235                 | *                | *                              |                               |
| ARIZONA                    | 73   | 17                    | 1                                       |                      | 254                          | 46                  | *                | *                              |                               |
| ARIZONA                    | 73   | 10                    | 8                                       | 6                    | 406                          | 337                 | *                | *                              |                               |
| ARIZONA                    | 73   | 29                    |   |                      | 146                          | 118                 | *                | *                              |                               |
| ARIZONA                    | 73   | 26                    | 19                                      | 10                   | 458                          | 438                 | *                | *                              |                               |
| ARIZONA                    | 73   | 25                    | 11                                      | 5                    | 331                          | 283                 | *                | *                              |                               |
| ARIZONA                    | 73   | 54                    | 26                                      | 7                    | 336                          | 334                 | 2.40             | 1.92                           | 144                           |
| ARIZONA                    | 73   | 60                    | 27                                      | 6                    | 439                          | 423                 | 2.25             | 1.80                           | 135                           |
| ARIZONA                    | 73   | 52                    | 36                                      | 15                   | 480                          | 455                 | 3.08             | 2.46                           | 185                           |
| ARIZONA                    | 73   | 61                    | 50                                      | 21                   | 449                          | 422                 | 3.58             | 2.86                           | 215                           |
| ARIZONA                    | 73   | 41                    | 12                                      | 7                    | 739                          | 456                 | *                | *                              |                               |
| ARIZONA                    | 73   | 27                    | 23                                      | 11                   | 513                          | 481                 | *                | *                              |                               |
| ARIZONA                    | 73   | 30                    | 23                                      | 7                    | 398                          | 368                 | *                | *                              |                               |
| ARIZONA                    | 73   | 46                    |   |                      | 99                           | 85                  | .56              | .45                            | 34                            |
| ARIZONA                    | 73   | 8                     | 3                                       |                      | 214                          | 190                 | *                | *                              |                               |
| ARIZONA                    | 73   | 31                    | 10                                      | 3                    | 252                          | 249                 | *                | *                              |                               |
| ARIZONA                    | 73   | 34                    | 3                                       | 1                    | 299                          | 181                 | *                | *                              |                               |
| ARIZONA                    | 73   | 23                    | 8                                       | 1                    | 363                          | 238                 | *                | *                              |                               |
| ARIZONA                    | 73   | 14                    | 11                                      | 4                    | 360                          | 311                 | *                | *                              |                               |
| ARIZONA                    | 73   | 23                    | 6                                       |                      | 224                          | 222                 | *                | *                              |                               |
| ARIZONA                    | 73   | 11                    | 6                                       |                      | 213                          | 205                 | *                | *                              |                               |
| ARIZONA                    | 73   | 29                    | 5                                       |                      | 244                          | 227                 | *                | *                              |                               |
| ARIZONA                    | 73   | 24                    | 1                                       |                      | 157                          | 136                 | *                | *                              |                               |
| ARIZONA                    | 73   | 234                   | 10                                      |                      | 201                          | 200                 | 1.28             | 1.02                           | 77                            |
| U16 CENTRAL ARKANSAS       |      |                       |   |                      |                              |                     |                  |                                |                               |
| ARKANSAS                   | 73   | 57                    |   |                      | 116                          | 108                 | .86              | .69                            | 52                            |
| ARKANSAS                   | 73   | 58                    | 3                                       |                      | 173                          | 166                 | 1.23             | .98                            | 74                            |
| ARKANSAS                   | 73   | 56                    |   |                      | 128                          | 109                 | .83              | .66                            | 50                            |
| ARKANSAS                   | 73   | 54                    |   |                      | 120                          | 100                 | .80              | .64                            | 48                            |
| ARKANSAS                   | 73   | 10                    | 1                                       |                      | 152                          | 134                 | *                | *                              |                               |
| ARKANSAS                   | 73   | 55                    |   |                      | 120                          | 116                 | 1.03             | .82                            | 62                            |
| ARKANSAS                   | 73   | 55                    | 1                                       |                      | 152                          | 134                 | 1.23             | .98                            | 74                            |
| ARKANSAS                   | 73   | 55                    |   |                      | 100                          | 96                  | .73              | .58                            | 44                            |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| STATE     | COUNTY                                   | SAMPLING POINT                   | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D. 24-HR STDS. | HIGHEST 24-HR VAL. UG/CU.M. | RATIOS TO  |                         | AS OF JUNE 07, 1974 |    |
|-----------|--|----------------------------------|------|---------------------|--|-----------------------------|------------|-------------------------|---------------------|----|
|           |  |                                  |      |                     |  |                             | ANN. STDS. | MEAN SEC. PRI. UG/CU.M. |                     |    |
| ARKANSAS  | 017 METROPOLITAN FORT SMITH (ARK-OKLA)   | U4 2280002 F01 RUSSELLVILLE      | 73   | 59                  | 1                                      | 620                         | 1.31       | 1.10                    | .88                 | 66 |
| ARKANSAS  |  | U4 2320001 F01 SALINE COUNTY     | 73   | 58                  | 2                                      | 161                         | 1.57       | 1.08                    | .86                 | 65 |
|           |  |                                  |      | ** PRIORITY 2 --    |  |                             |            |                         |                     |    |
| ARKANSAS  |  | U4 0860003 F01 FAYETTEVILLE      | 73   | 59                  | 2                                      | 271                         | 213        | 1.11                    | .89                 | 67 |
| ARKANSAS  |  | U4 0920003 F01 FORT SMITH        | 73   | 56                  | 3                                      | 178                         | 174        | 1.38                    | 1.10                | 83 |
| ARKANSAS  |  | U4 2480001 F01 SPRINGDALE        | 73   | 58                  |  | 143                         | 133        | 1.21                    | .97                 | 73 |
| OKLAHOMA  |  | 37 0040490 F01 ADAIR COUNTY      | 73   | 34                  |  | 109                         | 80         | *                       | *                   |    |
| OKLAHOMA  |  | 37 0480001 A03 CHEROKEE COUNTY   | 73   | 29                  |  | 92                          | 42         | .51                     | .41                 | 31 |
| OKLAHOMA  |  | 37 2480461 F01 POTEAU            | 73   | 18                  |  | 79                          | 66         | *                       | *                   |    |
| OKLAHOMA  |  | 37 2760471 F01 SEQUOYAH COUNTY   | 73   | 55                  | 1                                      | 151                         | 109        | .60                     | .48                 | 36 |
| OKLAHOMA  |  | 37 2880480 F01 TAHLEQUAH         | 73   | 103                 | 1                                      | 608                         | 79         | .38                     | .30                 | 23 |
|           |  |                                  |      | ** PRIORITY 1 **    |  |                             |            |                         |                     |    |
| ARKANSAS  | 018 METROPOLITAN MEMPHIS (ARK-MISS-TENN) | U4 0580001 F05 CRITTENDEN COUNTY | 73   | 31                  | 2                                      | 175                         | 165        | *                       | *                   |    |
| ARKANSAS  |  | U4 0770001 F01 EAKLE             | 73   | 57                  | 6                                      | 451                         | 289        | 1.50                    | 1.20                | 90 |
| ARKANSAS  |  | U4 2740001 A01 WEST MEMPHIS      | 73   | 27                  |  | 123                         | 123        | .65                     | .52                 | 39 |
| ARKANSAS  |  | U4 2740001 F01 WEST MEMPHIS      | 73   | 27                  | 2                                      | 223                         | 155        | *                       | *                   |    |
| ARKANSAS  |  | U4 2740002 F01 WEST MEMPHIS      | 73   | 53                  | 1                                      | 177                         | 146        | 1.03                    | .82                 | 62 |
| ARKANSAS  |  | U4 2740003 F05 WEST MEMPHIS      | 73   | 30                  |  | 100                         | 96         | *                       | *                   |    |
| TENNESSEE |  | 44 2340001 A01 MEMPHIS           | 73   | 29                  | 3                                      | 309                         | 190        | 1.55                    | 1.24                | 93 |
| TENNESSEE |  | 44 2340013 G01 MEMPHIS           | 73   | 28                  | 2                                      | 179                         | 164        | *                       | *                   |    |
| TENNESSEE |  | 44 2340014 G01 MEMPHIS           | 73   | 20                  | 1                                      | 158                         | 137        | *                       | *                   |    |
| TENNESSEE |  | 44 2340016 G01 MEMPHIS           | 73   | 33                  | 4                                      | 262                         | 191        | *                       | *                   |    |
| TENNESSEE |  | 44 2340018 G01 MEMPHIS           | 73   | 29                  |  | 131                         | 125        | *                       | *                   |    |
| TENNESSEE |  | 44 2340021 G01 MEMPHIS           | 73   | 20                  |  | 109                         | 107        | *                       | *                   |    |
| TENNESSEE |  | 44 2340022 G01 MEMPHIS           | 73   | 29                  |  | 134                         | 99         | *                       | *                   |    |
| TENNESSEE |  | 44 2340023 G01 MEMPHIS           | 73   | 28                  |  | 143                         | 137        | *                       | *                   |    |
| TENNESSEE |  | 44 2340024 G01 MEMPHIS           | 73   | 23                  | 7                                      | 195                         | 192        | *                       | *                   |    |
| TENNESSEE |  | 44 3080001 G01 SHELBY COUNTY     | 73   | 35                  |  | 140                         | 121        | *                       | *                   |    |
| TENNESSEE |  | 44 3080002 G01 SHELBY COUNTY     | 73   | 35                  | 2                                      | 212                         | 191        | *                       | *                   |    |
|           |  |                                  |      | ** PRIORITY 2 **    |  |                             |            |                         |                     |    |
| ARKANSAS  | 019 MUNRUE-EL DOKADD (ARK-LA)            | U4 0320001 F01 CAMDEN            | 73   | 59                  |  | 108                         | 99         | .76                     | .61                 | 46 |
| ARKANSAS  |  | U4 0620004 F01 CROSSSETT         | 73   | 44                  | 5                                      | 236                         | 200        | *                       | *                   |    |
| ARKANSAS  |  | U4 0620002 F05 CROSSSETT         | 73   | 16                  | 1                                      | 211                         | 107        | *                       | *                   |    |
| ARKANSAS  |  | U4 0780002 F01 EL DOKADD         | 73   | 58                  | 1                                      | 161                         | 122        | .88                     | .70                 | 53 |
| LOUISIANA |  | 19 1620001 F01 LAKE PROVIDENCE   | 73   | 40                  | 3                                      | 176                         | 174        | *                       | *                   |    |

Table A-1 (continued) - SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                       | COUNTY                           | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D TO 24-HR STDS. | HIGHEST 24-HR VALUE UG/CU.M. | ANNUAL RATIO TO GEOM. MEAN |      |      |     |
|--|----------------------------------|------|---------------------|--|------------------------------|----------------------------|------|------|-----|
|  |                                  |      |                     |  |                              | 1ST                        | 2ND  |      |     |
| LOUISIANA  | 19 1900001 F01 MONROE            | 73   | 59                  | 2  | 215                          | 183                        | 1.05 | .84  | 63  |
| LOUISIANA  | 19 2980001 F01 VIDALIA           | 73   | 43                  | 7  | 254                          | 217                        | *    | *    | *   |
| 020 NORTHWEST ARKANSAS                           |                                  |      |                     |  |                              |                            |      |      |     |
| ARKANSAS   | 04 0200001 F01 BLYTHEVILLE       | 73   | 58                  | 9  | 386                          | 232                        | 1.41 | 1.13 | 85  |
| ARKANSAS   | 04 0200002 F05 BLYTHEVILLE       | 73   | 31                  | 1  | 120                          | 104                        | *    | *    | *   |
| ARKANSAS   | 04 0200003 F05 BLYTHEVILLE       | 73   | 29                  | 7  | 280                          | 251                        | *    | *    | *   |
| ARKANSAS   | 04 0200004 F05 BLYTHEVILLE       | 73   | 29                  | 6  | 199                          | 187                        | *    | *    | *   |
| ARKANSAS   | 04 0900001 F01 FORREST CITY      | 73   | 58                  | 14                                       | 401                          | 374                        | 1.70 | 1.36 | 102 |
| ARKANSAS   | 04 1080001 F01 HELENA            | 73   | 59                  | 9  | 214                          | 208                        | 1.46 | 1.17 | 88  |
| ARKANSAS   | 04 1080002 F05 HELENA            | 73   | 30                  | 2  | 201                          | 191                        | *    | *    | *   |
| ARKANSAS   | 04 1320001 F01 JONESBORO         | 73   | 56                  | 1  | 177                          | 146                        | 1.16 | .93  | 70  |
| ARKANSAS   | 04 1320002 F05 JONESBORO         | 73   | 14                  | 1  | 143                          | 127                        | *    | *    | *   |
| ARKANSAS   | 04 1320003 F05 JONESBORO         | 73   | 13                  | 2  | 176                          | 157                        | *    | *    | *   |
| ARKANSAS   | 04 1320004 F05 JONESBORO         | 73   | 24                  | 1  | 151                          | 146                        | *    | *    | *   |
| ARKANSAS   | 04 1940001 F05 PARAGOULD         | 73   | 28                  | 2  | 278                          | 162                        | *    | *    | *   |
| ARKANSAS   | 04 1940002 F05 PARAGOULD         | 73   | 30                  | 2  | 154                          | 152                        | *    | *    | *   |
| ARKANSAS   | 04 2540001 F01 STUTTGART         | 73   | 60                  | 8  | 223                          | 196                        | 1.48 | 1.18 | 89  |
| ARKANSAS   | 04 2540002 F05 STUTTGART         | 73   | 20                  | 4  | 225                          | 211                        | *    | *    | *   |
| ARKANSAS   | 04 2540003 F05 STUTTGART         | 73   | 28                  | 10                                       | 295                          | 243                        | *    | *    | *   |
| ARKANSAS   | 04 2540004 F05 STUTTGART         | 73   | 30                  | 16                                       | 884                          | 603                        | *    | *    | *   |
| ARKANSAS   | 04 2540005 F05 STUTTGART         | 73   | 30                  | 12                                       | 924                          | 512                        | *    | *    | *   |
| ARKANSAS   | 04 2540006 F05 STUTTGART         | 73   | 30                  | 23                                       | 144                          | 137                        | *    | *    | *   |
| ARKANSAS   | 04 2540007 F05 STUTTGART         | 73   | 30                  | 2  | 180                          | 166                        | *    | *    | *   |
| ARKANSAS   | 04 2720008 F05 WESTHELENA        | 73   | 16                  | 1  | 61                           | 58                         | *    | *    | *   |
| ARKANSAS   | 04 2720001 F05 WESTHELENA        | 73   | 31                  | 1  | 135                          | 120                        | *    | *    | *   |
| ARKANSAS   | 04 2720002 F05 WEST HELENA       | 73   | 29                  | 1  | 184                          | 146                        | *    | *    | *   |
| 021 NORTHWEST ARKANSAS                           |                                  |      |                     |  |                              |                            |      |      |     |
| ARKANSAS   | 04 1060001 F01 HARRISON          | 73   | 58                  | 1  | 497                          | 149                        | .95  | .76  | 57  |
| ARKANSAS   | 04 1760001 AG3 MONTGOMERY COUNTY | 73   | 22                  | 1  | 122                          | 116                        | *    | *    | *   |
| 022 SHREVEPORT-TEXARKANA-TYLER (ARK-LA-OKLA-TEX) |                                  |      |                     |  |                              |                            |      |      |     |
| ARKANSAS   | 04 1120002 F01 HOPE              | 73   | 58                  | 2  | 214                          | 157                        | 1.35 | 1.08 | 81  |
| ARKANSAS   | 04 1560001 F01 MAGNOLIA          | 73   | 59                  | 1  | 128                          | 127                        | 1.00 | .80  | 60  |
| ARKANSAS   | 04 2560001 AG1 TEXARKANA         | 73   | 14                  | 1  | 580                          | 149                        | *    | *    | *   |
| ARKANSAS   | 04 2560002 F01 TEXARKANA         | 73   | 30                  | 1  | 121                          | 121                        | .90  | .72  | 54  |
| LOUISIANA  | 19 1840001 F01 MANY              | 73   | 16                  | 1  | 123                          | 56                         | *    | *    | *   |
| LOUISIANA  | 19 2740001 AG1 SHREVEPORT        | 73   | 26                  | 2  | 229                          | 159                        | *    | *    | *   |
| LOUISIANA  | 19 2740001 F01 SHREVEPORT        | 73   | 45                  | 4  | 237                          | 157                        | *    | *    | *   |
| OKLAHOMA   | 37 1420455 F01 IDABEL            | 73   | 53                  | 2  | 200                          | 166                        | .95  | .76  | 57  |



Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION           | YEAR | NO. OF VALID VALUES | NO. OF NJ. OF DAILY VALUES EXCEEDED | HIGHEST 24-HR VALUE | ANNUAL RATIO TO MEAN |                    |
|--------------------------------------|------|---------------------|-------------------------------------|---------------------|----------------------|--------------------|
|                                      |      |                     |                                     |                     | ANN. STDS.           | SEC. PRI. UG/CU.M. |
| TEXAS                                | 73   | 55                  | 2                                   | 126                 | 1.07                 | .82                |
| TEXAS                                | 73   | 50                  | 4                                   | 132                 | .78                  | .62                |
| 024 METROPOLITAN LOS ANGELES (CALIF) |      |                     |                                     |                     |                      |                    |
|                                      | 73   | 22                  | 2                                   | 157                 | *                    | *                  |
| CALIFORNIA                           | 73   | 89                  | 12                                  | 345                 | 1.63                 | 1.30               |
| CALIFORNIA                           | 73   | 72                  | 29                                  | 686                 | 2.05                 | 1.64               |
| CALIFORNIA                           | 73   | 27                  | 13                                  | 340                 | *                    | *                  |
| CALIFORNIA                           | 73   | 61                  | 1                                   | 193                 | 1.33                 | 1.06               |
| CALIFORNIA                           | 73   | 86                  | 2                                   | 185                 | 1.08                 | .86                |
| CALIFORNIA                           | 73   | 75                  | 3                                   | 217                 | *                    | *                  |
| CALIFORNIA                           | 73   | 27                  | 2                                   | 486                 | *                    | *                  |
| CALIFORNIA                           | 73   | 58                  | 4                                   | 1,173               | 574                  | *                  |
| CALIFORNIA                           | 73   | 98                  | 14                                  | 1,270               | 252                  | 1.95               |
| CALIFORNIA                           | 73   | 88                  | 24                                  | 270                 | 263                  | 2.08               |
| CALIFORNIA                           | 73   | 73                  | 14                                  | 159                 | 151                  | *                  |
| CALIFORNIA                           | 73   | 21                  | 2                                   | 477                 | 208                  | *                  |
| CALIFORNIA                           | 73   | 22                  | 6                                   | 412                 | 386                  | 1.90               |
| CALIFORNIA                           | 73   | 73                  | 18                                  | 624                 | 219                  | *                  |
| CALIFORNIA                           | 73   | 19                  | 5                                   | 624                 | 205                  | 1.68               |
| CALIFORNIA                           | 73   | 27                  | 4                                   | 652                 | 274                  | *                  |
| CALIFORNIA                           | 73   | 73                  | 20                                  | 370                 | 345                  | 2.18               |
| CALIFORNIA                           | 73   | 66                  | 30                                  | 386                 | 318                  | *                  |
| CALIFORNIA                           | 73   | 21                  | 8                                   | 133                 | 117                  | *                  |
| CALIFORNIA                           | 73   | 21                  | 4                                   | 121                 | 105                  | .81                |
| CALIFORNIA                           | 73   | 55                  | 1                                   | 116                 | 99                   | .93                |
| CALIFORNIA                           | 73   | 39                  | 1                                   | 405                 | 469                  | *                  |
| CALIFORNIA                           | 73   | 21                  | 2                                   |                     |                      | *                  |
| 025 NORTH CENTRAL COAST (CALIF)      |      |                     |                                     |                     |                      |                    |
|                                      | 73   | 29                  | 1                                   | 89                  | 65                   | .55                |
| CALIFORNIA                           | 73   | 32                  | 13                                  | 158                 | 136                  | .80                |
| CALIFORNIA                           | 73   | 50                  | 1                                   | 562                 | 252                  | 1.38               |
| CALIFORNIA                           | 73   | 31                  | 1                                   | 102                 | 101                  | .88                |
| 026 NORTH COAST (CALIF)              |      |                     |                                     |                     |                      |                    |
|                                      | 73   | 60                  | 4                                   | 122                 | 109                  | .80                |
| CALIFORNIA                           | 73   | 60                  | 4                                   | 197                 | 181                  | *                  |
| 028 SACRAMENTO VALLEY (CALIF)        |      |                     |                                     |                     |                      |                    |
|                                      | 73   | 47                  | 4                                   | 197                 | 181                  | *                  |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                | SAMPLING POINT               | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEEDED 24-HR STDS. | HIGHEST 24-HR VALUE UG/CU.M. | ANNUAL RATIOS TO GEGM. MEAN |                      |      |     |
|---|------------------------------|------|---------------------|--|------------------------------|-----------------------------|----------------------|------|-----|
|   |                              |      |                     |  |                              | ANN. STDS. SEC. PRI.        | ANN. STDS. SEC. PRI. |      |     |
| <b>029 SAN DIEGO (CALIF)</b>              |                              |      |                     |  |                              |                             |                      |      |     |
| CALIFORNIA                                | 05 6180002 F01 REDDING       | 73   | 60                  |  | 137                          | 93                          | .68                  | .54  | 41  |
| CALIFORNIA                                | 05 6580001 A01 SACRAMENTO    | 73   | 26                  | 1  | 247                          | 145                         | *                    | *    |     |
| CALIFORNIA                                | 05 6580003 F01 SACRAMENTO    | 73   | 50                  | 1  | 201                          | 142                         | 1.03                 | .82  | 62  |
| CALIFORNIA                                | 05 8900001 F01 YUBA CITY     | 73   | 60                  | 4  | 319                          | 186                         | 1.15                 | .92  | 69  |
| <b>AS OF JUNE 07, 1974</b>                |                              |      |                     |  |                              |                             |                      |      |     |
| CALIFORNIA                                | 05 2220001 I01 EL CAJON      | 73   | 59                  | 8  | 208                          | 199                         | 1.73                 | 1.38 | 104 |
| CALIFORNIA                                | 05 5320003 I01 OCEANSIDE     | 73   | 58                  | 2  | 247                          | 164                         | 1.58                 | 1.26 | 95  |
| CALIFORNIA                                | 05 6800001 A01 SAN DIEGO     | 73   | 26                  |  | 124                          | 115                         | *                    | *    |     |
| CALIFORNIA                                | 05 6800004 I01 SAN DIEGO     | 73   | 60                  | 6  | 253                          | 199                         | 1.41                 | 1.13 | 85  |
| <b>030 SAN FRANCISCO BAY AREA (CALIF)</b> |                              |      |                     |  |                              |                             |                      |      |     |
| CALIFORNIA                                | 05 0740001 A01 BERKELEY      | 73   | 23                  |  | 92                           | 76                          | *                    | *    |     |
| CALIFORNIA                                | 05 0920002 I01 BURLINGAME    | 73   | 117                 |  | 112                          | 94                          | .61                  | .49  | 37  |
| CALIFORNIA                                | 05 1600001 I01 CUNNINGHAM    | 73   | 92                  |  | 149                          | 140                         | *                    | *    |     |
| CALIFORNIA                                | 05 2780001 I01 FREMONT       | 73   | 116                 |  | 131                          | 128                         | .91                  | .73  | 55  |
| CALIFORNIA                                | 05 4020002 I01 LIVERMORE     | 73   | 113                 | 3  | 225                          | 188                         | 1.10                 | .88  | 66  |
| CALIFORNIA                                | 05 5000003 I01 NAPA          | 73   | 114                 |  | 109                          | 101                         | .90                  | .72  | 54  |
| CALIFORNIA                                | 05 5300001 A01 OAKLAND       | 73   | 22                  |  | 120                          | 105                         | *                    | *    |     |
| CALIFORNIA                                | 05 5800001 I01 PITTSBURG     | 73   | 117                 | 4  | 183                          | 169                         | 1.08                 | .86  | 65  |
| CALIFORNIA                                | 05 6240001 I01 REDWOOD CITY  | 73   | 110                 |  | 120                          | 110                         | .78                  | .62  | 47  |
| CALIFORNIA                                | 05 6300003 I01 RICHMOND      | 73   | 102                 | 1  | 153                          | 124                         | .81                  | .65  | 49  |
| CALIFORNIA                                | 05 6860001 A01 SAN FRANCISCO | 73   | 27                  |  | 136                          | 116                         | *                    | *    |     |
| CALIFORNIA                                | 05 6860003 I01 SAN FRANCISCO | 73   | 113                 | 1  | 180                          | 140                         | .80                  | .64  | 48  |
| CALIFORNIA                                | 05 6980003 A01 SAN JOSE      | 73   | 22                  |  | 135                          | 117                         | *                    | *    |     |
| CALIFORNIA                                | 05 6980004 I01 SAN JOSE      | 73   | 113                 |  | 133                          | 122                         | 1.01                 | .81  | 61  |
| CALIFORNIA                                | 05 7160001 I01 SAN RAFAEL    | 73   | 115                 |  | 122                          | 94                          | .78                  | .62  | 47  |
| CALIFORNIA                                | 05 7400002 I01 SANTA ROSA    | 73   | 115                 |  | 79                           | 77                          | .63                  | .50  | 38  |
| CALIFORNIA                                | 05 8080001 I01 SUNNYVALE     | 73   | 37                  |  | 112                          | 94                          | *                    | *    |     |
| CALIFORNIA                                | 05 8480003 I01 VALLEJO       | 73   | 116                 | 1  | 156                          | 143                         | .83                  | .66  | 50  |
| <b>AS OF JUNE 07, 1974</b>                |                              |      |                     |  |                              |                             |                      |      |     |
| <b>031 SAN JOAQUIN VALLEY (CALIF)</b>     |                              |      |                     |  |                              |                             |                      |      |     |
| CALIFORNIA                                | 05 0520003 F01 BAKERSFIELD   | 73   | 57                  | 14                                       | 395                          | 240                         | 1.93                 | 1.54 | 116 |
| CALIFORNIA                                | 05 2800002 A01 FRESNO        | 73   | 27                  | 10                                       | 334                          | 226                         | *                    | *    |     |
| CALIFORNIA                                | 05 2800003 F01 FRESNO        | 73   | 63                  | 3  | 600                          | 221                         | 1.60                 | 1.28 | 96  |
| CALIFORNIA                                | 05 2820001 I01 FRESNO COUNTY | 73   | 35                  | 5  | 249                          | 186                         | *                    | *    |     |
| CALIFORNIA                                | 05 2820002 I01 FRESNO COUNTY | 73   | 40                  | 4  | 188                          | 178                         | *                    | *    |     |
| CALIFORNIA                                | 05 4580001 I01 MERCED        | 73   | 57                  | 2  | 327                          | 160                         | 1.31                 | 1.05 | 79  |
| CALIFORNIA                                | 05 4720001 F01 MODESTO       | 73   | 42                  | 8  | 227                          | 213                         | 1.65                 | 1.32 | 99  |
| CALIFORNIA                                | 05 8040002 F01 STOCKTON      | 73   | 52                  | 5  | 198                          | 183                         | 1.38                 | 1.10 | 83  |
| CALIFORNIA                                | 05 8520001 F01 VISALIA       | 73   | 50                  | 13                                       | 252                          | 209                         | 1.80                 | 1.44 | 108 |

**Table A-1 (continued). SUSPENDED PARTICULATE DATA**

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION             | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEEDING 24-HR STDS. SEC. | HIGHEST VALUE UG/CU.M. | RATIOS TO ANN. STDS. |      | AS OF JUNE 07, 1974 |
|--|------|---------------------|--|------------------------|----------------------|------|---------------------|
|  |      |                     |  |                        | 1ST                  | 2ND  |                     |
| <b>032 SOUTH CENTRAL COAST (CALIF)</b> |      |                     |  |                        |                      |      |                     |
| CALIFORNIA                             | 73   | 00                  | ** PRIORITY 3 **                               | 120                    | 97                   | -78  | .62 47              |
| <b>033 SOUTHEAST DESERT (CALIF)</b>    |      |                     |  |                        |                      |      |                     |
| CALIFORNIA                             | 73   | 52                  | ** PRIORITY 1 **                               | 360                    | 294                  | 1.66 | 1.33 100            |
| <b>034 COMANCHE (COLOR)</b>            |      |                     |  |                        |                      |      |                     |
| COLORADO                               | 73   | 89                  | ** PRIORITY 3 **                               | 217                    | 197                  | -.91 | .73 55              |
| COLORADO                               | 73   | 88                  | ** PRIORITY 3 **                               | 182                    | 177                  | 1.10 | .88 66              |
| <b>035 GRAND MESA (COLOR)</b>          |      |                     |  |                        |                      |      |                     |
| COLORADO                               | 73   | 74                  | ** PRIORITY 3 **                               | 291                    | 278                  | 1.48 | 1.18 89             |
| COLORADO                               | 73   | 85                  | ** PRIORITY 3 **                               | 280                    | 236                  | -.91 | .73 55              |
| COLORADO                               | 73   | 80                  | ** PRIORITY 3 **                               | 339                    | 232                  | 1.51 | 1.21 91             |
| COLORADO                               | 73   | 86                  | ** PRIORITY 3 **                               | 278                    | 149                  | -.65 | -.52 39             |
| COLORADO                               | 73   | 90                  | ** PRIORITY 3 **                               | 203                    | 179                  | -.85 | .68 51              |
| COLORADO                               | 73   | 89                  | ** PRIORITY 3 **                               | 255                    | 233                  | 1.55 | 1.24 93             |
| COLORADO                               | 73   | 91                  | ** PRIORITY 3 **                               | 167                    | 158                  | 1.03 | .82 62              |
| COLORADO                               | 73   | 87                  | ** PRIORITY 3 **                               | 89                     | 88                   | -.53 | -.42 32             |
| COLORADO                               | 73   | 30                  | ** PRIORITY 3 **                               | 156                    | 141                  | -.96 | -.77 58             |
| COLORADO                               | 73   | 61                  | ** PRIORITY 3 **                               | 254                    | 203                  | *    | * 58                |
| <b>036 METROPOLITAN DENVER (COLOR)</b> |      |                     |  |                        |                      |      |                     |
| COLORADO                               | 73   | 84                  | ** PRIORITY 1 **                               | 335                    | 318                  | 1.71 | 1.37 103            |
| COLORADO                               | 73   | 88                  | ** PRIORITY 1 **                               | 392                    | 315                  | 1.85 | 1.48 111            |
| COLORADO                               | 73   | 87                  | ** PRIORITY 1 **                               | 418                    | 308                  | 1.56 | 1.25 94             |
| COLORADO                               | 73   | 78                  | ** PRIORITY 1 **                               | 226                    | 153                  | 1.15 | .92 65              |
| COLORADO                               | 73   | 85                  | ** PRIORITY 1 **                               | 275                    | 274                  | 1.78 | 1.42 107            |
| COLORADO                               | 73   | 83                  | ** PRIORITY 1 **                               | 181                    | 180                  | 1.48 | 1.18 89             |
| COLORADO                               | 73   | 19                  | ** PRIORITY 1 **                               | 476                    | 386                  | *    | * 126               |
| COLORADO                               | 73   | 31                  | ** PRIORITY 1 **                               | 493                    | 358                  | 2.10 | 1.68 126            |
| COLORADO                               | 73   | 36                  | ** PRIORITY 1 **                               | 930                    | 587                  | *    | * 126               |
| COLORADO                               | 73   | 15                  | ** PRIORITY 1 **                               | 506                    | 469                  | *    | * 126               |
| COLORADO                               | 73   | 63                  | ** PRIORITY 1 **                               | 444                    | 405                  | *    | * 126               |
| COLORADO                               | 73   | 75                  | ** PRIORITY 1 **                               | 485                    | 341                  | 2.10 | 1.68 126            |
| COLORADO                               | 73   | 80                  | ** PRIORITY 1 **                               | 336                    | 206                  | 1.33 | 1.06 80             |
| COLORADO                               | 73   | 87                  | ** PRIORITY 1 **                               | 208                    | 187                  | 1.20 | .96 72              |
| COLORADO                               | 73   | 80                  | ** PRIORITY 1 **                               | 404                    | 345                  | 1.38 | 1.10 83             |
| COLORADO                               | 73   | 80                  | ** PRIORITY 1 **                               | 286                    | 260                  | 1.33 | 1.06 80             |
| COLORADO                               | 73   | 82                  | ** PRIORITY 1 **                               | 341                    | 296                  | 1.43 | 1.14 86             |
| COLORADO                               | 73   | 83                  | ** PRIORITY 1 **                               | 468                    | 300                  | 1.81 | 1.45 109            |

**Table A-1 (continued). SUSPENDED PARTICULATE DATA**

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIF QUALITY CONTROL REGION   | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. | HIGHEST 24-HR VALUES UG/CU.M. | A V M U A L RATIOS TO GEOM. MEAN |                    |
|------------------------------|------|---------------------|---|-------------------------------|----------------------------------|--------------------|
|                              |      |                     |   |                               | 1ST                              | 2ND                |
|                              | 19-- | VALUES              | SEC.                                    | 1ST                           | 2ND                              | SEC. PKI. UG/CU.M. |
| <b>037 PAMNEE (CULO)</b>     |      |                     |   |                               |                                  |                    |
| COLORADO                     | 73   | 25                  | 2                                       | 162                           | 153                              | * *                |
| COLORADO                     | 73   | 84                  | 6                                       | 288                           | 238                              | 1.16 .93           |
| COLORADO                     | 73   | 82                  | 3                                       | 215                           | 212                              | .75 .60            |
| COLORADO                     | 73   | 86                  | 6                                       | 218                           | 211                              | 1.25 1.00          |
| COLORADO                     | 73   | 67                  | 25                                      | 498                           | 447                              | 2.03 1.62          |
| COLORADO                     | 73   | 83                  | 11                                      | 306                           | 253                              | 1.35 1.08          |
| <b>** PRIORITY 1 **</b>      |      |                     |   |                               |                                  |                    |
| COLORADO                     | 73   | 90                  | 4                                       | 283                           | 216                              | 1.18 .94           |
| COLORADO                     | 73   | 80                  | 18                                      | 370                           | 286                              | 1.33 1.06          |
| COLORADO                     | 73   | 90                  | 27                                      | 270                           | 253                              | 1.58 1.26          |
| COLORADO                     | 73   | 48                  |   | 138                           | 134                              | * *                |
| COLORADO                     | 73   | 88                  | 10                                      | 132                           | 132                              | .85 .68            |
| COLORADO                     | 73   | 79                  | 10                                      | 318                           | 242                              | 1.35 1.08          |
| COLORADO                     | 73   | 81                  | 14                                      | 415                           | 413                              | 1.41 1.13          |
| COLORADO                     | 73   | 81                  | 9                                       | 252                           | 251                              | 1.35 1.08          |
| COLORADO                     | 73   | 9                   | 2                                       | 163                           | 151                              | * *                |
| COLORADO                     | 73   | 91                  | 31                                      | 370                           | 282                              | 1.78 1.42          |
| COLORADO                     | 73   | 82                  | 13                                      | 305                           | 240                              | 1.33 1.06          |
| COLORADO                     | 73   | 85                  | 37                                      | 371                           | 352                              | 1.88 1.50          |
| <b>** PRIORITY 1 **</b>      |      |                     |   |                               |                                  |                    |
| <b>038 SAN ISABEL (CULO)</b> |      |                     |   |                               |                                  |                    |
| COLORADO                     | 73   | 62                  |   | 123                           | 104                              | * *                |
| COLORADO                     | 73   | 21                  |   | 98                            | 58                               | * *                |
| COLORADO                     | 73   | 91                  | 4                                       | 229                           | 172                              | .95 .76            |
| COLORADO                     | 73   | 88                  | 22                                      | 469                           | 371                              | 1.76 1.41          |
| COLORADO                     | 73   | 84                  | 3                                       | 184                           | 183                              | 1.10 .88           |
| COLORADO                     | 73   | 77                  | 17                                      | 232                           | 208                              | 1.40 1.12          |
| COLORADO                     | 73   | 66                  | 19                                      | 286                           | 281                              | 1.75 1.40          |
| COLORADO                     | 73   | 88                  | 23                                      | 349                           | 246                              | 1.81 1.45          |
| COLORADO                     | 73   | 51                  | 4                                       | 204                           | 195                              | 1.43 1.14          |
| COLORADO                     | 73   | 91                  | 8                                       | 267                           | 215                              | 1.23 .58           |
| <b>** PRIORITY 3 **</b>      |      |                     |   |                               |                                  |                    |
| COLORADO                     | 73   | 94                  | 4                                       | 193                           | 187                              | 1.18 .94           |
| COLORADO                     | 73   | 42                  | 2                                       | 87                            | 44                               | * *                |
| COLORADO                     | 73   | 68                  | 1                                       | 227                           | 157                              | .93 .74            |
| COLORADO                     | 73   | 37                  |   | 168                           | 89                               | .51 .41            |
| COLORADO                     | 73   | 38                  |   | 144                           | 111                              | .21 .17            |
| <b>** PRIORITY 3 **</b>      |      |                     |   |                               |                                  |                    |
| <b>039 SAN LUIS (CULO)</b>   |      |                     |   |                               |                                  |                    |
| COLORADO                     | 73   | 94                  | 4                                       | 193                           | 187                              | 1.18 .94           |
| COLORADO                     | 73   | 42                  | 2                                       | 87                            | 44                               | * *                |
| COLORADO                     | 73   | 68                  | 1                                       | 227                           | 157                              | .93 .74            |
| COLORADO                     | 73   | 37                  |   | 168                           | 89                               | .51 .41            |
| COLORADO                     | 73   | 38                  |   | 144                           | 111                              | .21 .17            |

**Table A-1 (continued). SUSPENDED PARTICULATE DATA**

METHOD: GRAVIMETRIC, 24-HOUR HIGH-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                     | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR VALUES | NO. OF DAILY EXC'D'G 24-HR VALUES | HIGHEST UG/CU.M. 1ST | RATIOS TO ANN. STDS. SEC. | A N U A L MEAN UG/CU.M. | AS OF JUNE 07, 1974 |        |
|--|------|---------------------|--|-----------------------------------|----------------------|---------------------------|-------------------------|---------------------|--------|
|  |      |                     |  |                                   |                      |                           |                         | PRI. 3              | PRI. 2 |
| 040 YAMPA (COLC)                               |      | ** PRIORITY 3 **    |  |                                   |                      |                           |                         |                     |        |
| COLORADO                                       | 73   | 89                  | 6  |                                   | 220                  | 1.11                      | .85                     |                     |        |
| COLORADO                                       | 73   | 89                  | 5  |                                   | 208                  | 1.16                      | .93                     |                     |        |
| COLORADO                                       | 73   | 77                  |  |                                   | 82                   | .45                       | .36                     |                     |        |
| COLORADO                                       | 73   | 96                  | 27                                       | 7                                 | 469                  | 348                       | 1.45                    | 109                 |        |
| 041 EASTERN CONNECTICUT                        |      | ** PRIORITY 2 **    |  |                                   |                      |                           |                         |                     |        |
| CONNECTICUT                                    | 73   | 13                  |  |                                   | 77                   | 63                        | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 14                  |  |                                   | 110                  | 89                        | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 16                  |  |                                   | 100                  | 90                        | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 14                  |  |                                   | 110                  | 76                        | *                       | *                   |        |
| 042 HARTFORD-NEW HAVEN-SPRINGFIELD (CONN-MASS) |      | ** PRIORITY 1 **    |  |                                   |                      |                           |                         |                     |        |
| CONNECTICUT                                    | 73   | 12                  |  |                                   | 124                  | 96                        | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 13                  |  |                                   | 90                   | 71                        | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 16                  |  |                                   | 124                  | 91                        | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 12                  |  |                                   | 113                  | 106                       | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 8                   |  |                                   | 103                  | 80                        | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 14                  |  |                                   | 142                  | 100                       | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 14                  |  |                                   | 97                   | 77                        | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 15                  |  |                                   | 97                   | 76                        | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 13                  |  |                                   | 142                  | 102                       | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 12                  |  |                                   | 121                  | 116                       | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 13                  |  |                                   | 154                  | 96                        | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 7                   | 1  |                                   | 93                   | 58                        | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 12                  |  |                                   | 167                  | 146                       | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 23                  |  |                                   | 139                  | 125                       | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 24                  |  |                                   | 126                  | 109                       | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 31                  |  | 4                                 | 232                  | 154                       | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 15                  |  |                                   | 80                   | 74                        | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 15                  |  |                                   | 90                   | 88                        | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 14                  |  |                                   | 79                   | 76                        | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 16                  |  |                                   | 234                  | 147                       | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 17                  | 1  |                                   | 237                  | 170                       | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 16                  |  | 1                                 | 159                  | 137                       | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 16                  |  |                                   | 111                  | 95                        | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 16                  |  |                                   | 82                   | 62                        | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 8                   |  |                                   | 100                  | 94                        | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 19                  |  |                                   | 116                  | 110                       | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 18                  |  |                                   | 133                  | 127                       | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 22                  |  |                                   | 73                   | 73                        | *                       | *                   |        |
| CONNECTICUT                                    | 73   | 19                  |  |                                   | 134                  | 100                       | *                       | *                   |        |

Table A-1 (continued) . SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                    | YEAR | NO. OF VALID VALUES | NO. OF 24-HR STDS. SEC. | NO. OF DAILY EXC'D'G STDS. PRI. | HIGHEST 24-HR VALUES UG/CU.M. |     | RATIOS TO ANN. STDS. UG/CU.M. |     | AS OF JUNE 07, 1974 |
|---|------|---------------------|-------------------------|---------------------------------|-------------------------------|-----|-------------------------------|-----|---------------------|
|   |      |                     |                         |                                 | 1ST                           | 2ND | 1ST                           | 2ND |                     |
| 042 HARTFORD-NEW HAVEN-SPRINGFIELD {CONN-MASS |      |                     |                         |                                 |                               |     |                               |     |                     |
| CONNECTICUT                                   | 07   | 18                  | 1                       | 1                               | 90                            | 89  | *                             | *   | *                   |
| CONNECTICUT                                   | 07   | 13                  | 1                       | 1                               | 100                           | 97  | *                             | *   | *                   |
| CONNECTICUT                                   | 07   | 14                  | 1                       | 1                               | 77                            | 66  | *                             | *   | *                   |
| MASSACHUSETTS                                 | 22   | 23                  | 2                       | 2                               | 96                            | 42  | *                             | *   | *                   |
| MASSACHUSETTS                                 | 22   | 54                  | 2                       | 2                               | 164                           | 161 | *                             | *   | *                   |
| MASSACHUSETTS                                 | 22   | 52                  | 2                       | 2                               | 117                           | 110 | *                             | *   | *                   |
| MASSACHUSETTS                                 | 22   | 49                  | 2                       | 2                               | 96                            | 92  | *                             | *   | *                   |
| MASSACHUSETTS                                 | 22   | 55                  | 2                       | 2                               | 188                           | 156 | *                             | *   | *                   |
| MASSACHUSETTS                                 | 22   | 22                  | 1                       | 1                               | 88                            | 39  | *                             | *   | *                   |
| MASSACHUSETTS                                 | 22   | 22                  | 1                       | 1                               | 124                           | 77  | *                             | *   | *                   |
| MASSACHUSETTS                                 | 22   | 52                  | 1                       | 1                               | 228                           | 149 | *                             | *   | *                   |
| MASSACHUSETTS                                 | 22   | 51                  | 19                      | 5                               | 420                           | 396 | *                             | *   | *                   |
| 043 NEW JERSEY-NEW YORK-CONNECTICUT           |      |                     |                         |                                 |                               |     |                               |     |                     |
| CONNECTICUT                                   | 07   | 8                   | 1                       | 1                               | 90                            | 84  | *                             | *   | *                   |
| CONNECTICUT                                   | 07   | 14                  | 1                       | 1                               | 94                            | 79  | *                             | *   | *                   |
| CONNECTICUT                                   | 07   | 15                  | 1                       | 1                               | 95                            | 94  | *                             | *   | *                   |
| CONNECTICUT                                   | 07   | 8                   | 1                       | 1                               | 123                           | 116 | *                             | *   | *                   |
| CONNECTICUT                                   | 07   | 11                  | 1                       | 1                               | 59                            | 49  | *                             | *   | *                   |
| CONNECTICUT                                   | 07   | 14                  | 1                       | 1                               | 83                            | 79  | *                             | *   | *                   |
| CONNECTICUT                                   | 07   | 15                  | 1                       | 1                               | 122                           | 122 | *                             | *   | *                   |
| CONNECTICUT                                   | 07   | 15                  | 1                       | 1                               | 89                            | 88  | *                             | *   | *                   |
| CONNECTICUT                                   | 07   | 15                  | 1                       | 1                               | 95                            | 92  | *                             | *   | *                   |
| CONNECTICUT                                   | 07   | 14                  | 1                       | 1                               | 79                            | 58  | *                             | *   | *                   |
| CONNECTICUT                                   | 07   | 16                  | 1                       | 1                               | 248                           | 88  | *                             | *   | *                   |
| CONNECTICUT                                   | 07   | 15                  | 1                       | 1                               | 110                           | 98  | *                             | *   | *                   |
| CONNECTICUT                                   | 07   | 15                  | 1                       | 1                               | 139                           | 111 | *                             | *   | *                   |
| CONNECTICUT                                   | 07   | 8                   | 1                       | 1                               | 214                           | 193 | *                             | *   | *                   |
| CONNECTICUT                                   | 07   | 12                  | 1                       | 1                               | 136                           | 114 | *                             | *   | *                   |
| CONNECTICUT                                   | 07   | 7                   | 1                       | 1                               | 75                            | 62  | *                             | *   | *                   |
| CONNECTICUT                                   | 07   | 12                  | 1                       | 1                               | 94                            | 85  | *                             | *   | *                   |
| NEW JERSEY                                    | 31   | 44                  | 1                       | 1                               | 131                           | 104 | *                             | *   | *                   |
| NEW JERSEY                                    | 31   | 8                   | 1                       | 1                               | 127                           | 111 | *                             | *   | *                   |
| NEW JERSEY                                    | 31   | 44                  | 1                       | 1                               | 331                           | 293 | *                             | *   | *                   |
| NEW JERSEY                                    | 31   | 29                  | 1                       | 1                               | 118                           | 94  | *                             | *   | *                   |
| NEW JERSEY                                    | 31   | 43                  | 2                       | 2                               | 122                           | 82  | *                             | *   | *                   |
| NEW JERSEY                                    | 31   | 43                  | 2                       | 2                               | 154                           | 154 | *                             | *   | *                   |
| NEW JERSEY                                    | 31   | 14                  | 5                       | 5                               | 240                           | 196 | *                             | *   | *                   |
| NEW JERSEY                                    | 31   | 41                  | 14                      | 14                              | 129                           | 108 | *                             | *   | *                   |
| NEW JERSEY                                    | 31   | 40                  | 14                      | 14                              | 282                           | 240 | *                             | *   | *                   |
| NEW JERSEY                                    | 31   | 12                  | 1                       | 1                               | 130                           | 110 | *                             | *   | *                   |
| NEW JERSEY                                    | 31   | 40                  | 1                       | 1                               | 123                           | 87  | *                             | *   | *                   |
| NEW JERSEY                                    | 31   | 44                  | 1                       | 1                               | 98                            | 96  | *                             | *   | *                   |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION          | YEAR | NO. OF VALID VALUES | NO. OF VALUES EXC'D*G 24-HR STDS. | NO. OF DAILY SEC. PRI. | HIGHEST 24-HR VALUES UG/CU.M. |     | RATIOS TO ANNUAL MEAN |          |
|-------------------------------------|------|---------------------|-----------------------------------|------------------------|-------------------------------|-----|-----------------------|----------|
|                                     |      |                     |                                   |                        | 1ST                           | 2ND | ANN. STDS SEC. PRI.   | UG/CU.M. |
| 043 NEW JERSEY-NEW YORK-CONNECTICUT |      | ** PRIORITY 1 **    |                                   |                        |                               |     | AS OF JUNE 07, 1974   |          |
| NEW JERSEY                          | 73   | 35                  | 2                                 |                        | 155                           | 155 | *                     | *        |
| NEW JERSEY                          | 73   | 43                  |                                   |                        | 108                           | 90  | *                     | *        |
| NEW JERSEY                          | 73   | 44                  |                                   |                        | 120                           | 111 | *                     | *        |
| NEW JERSEY                          | 73   | 32                  | 14                                |                        | 435                           | 276 | *                     | *        |
| NEW JERSEY                          | 73   | 35                  | 8                                 |                        | 233                           | 207 | *                     | *        |
| NEW JERSEY                          | 73   | 36                  |                                   |                        | 138                           | 91  | *                     | *        |
| NEW JERSEY                          | 73   | 15                  | 1                                 |                        | 161                           | 120 | *                     | *        |
| NEW JERSEY                          | 73   | 34                  | 7                                 |                        | 177                           | 176 | *                     | *        |
| NEW JERSEY                          | 73   | 42                  | 2                                 |                        | 174                           | 166 | *                     | *        |
| NEW JERSEY                          | 73   | 44                  | 2                                 |                        | 174                           | 160 | *                     | *        |
| NEW JERSEY                          | 73   | 37                  |                                   |                        | 102                           | 100 | *                     | *        |
| NEW JERSEY                          | 73   | 44                  |                                   |                        | 145                           | 128 | *                     | *        |
| NEW JERSEY                          | 73   | 44                  |                                   |                        | 149                           | 98  | *                     | *        |
| NEW JERSEY                          | 73   | 24                  |                                   |                        | 96                            | 54  | *                     | *        |
| NEW JERSEY                          | 73   | 44                  |                                   |                        | 150                           | 108 | *                     | *        |
| NEW JERSEY                          | 73   | 32                  |                                   |                        | 103                           | 75  | *                     | *        |
| NEW JERSEY                          | 73   | 12                  |                                   |                        | 113                           | 110 | *                     | *        |
| NEW JERSEY                          | 73   | 43                  | 19                                |                        | 309                           | 267 | *                     | *        |
| NEW JERSEY                          | 73   | 30                  |                                   |                        | 98                            | 82  | *                     | *        |
| NEW JERSEY                          | 73   | 37                  |                                   |                        | 111                           | 100 | *                     | *        |
| NEW JERSEY                          | 73   | 33                  |                                   |                        | 132                           | 125 | *                     | *        |
| NEW JERSEY                          | 73   | 14                  |                                   |                        | 114                           | 109 | *                     | *        |
| NEW JERSEY                          | 73   | 34                  |                                   |                        | 130                           | 127 | *                     | *        |
| NEW JERSEY                          | 73   | 40                  |                                   |                        | 136                           | 112 | *                     | *        |
| NEW JERSEY                          | 73   | 43                  |                                   |                        | 124                           | 122 | *                     | *        |
| NEW JERSEY                          | 73   | 44                  |                                   |                        | 112                           | 90  | *                     | *        |
| NEW JERSEY                          | 73   | 44                  |                                   |                        | 157                           | 124 | *                     | *        |
| NEW JERSEY                          | 73   | 15                  | 1                                 |                        | 156                           | 108 | *                     | *        |
| NEW JERSEY                          | 73   | 29                  | 1                                 |                        | 163                           | 124 | *                     | *        |
| NEW JERSEY                          | 73   | 42                  | 1                                 |                        | 166                           | 149 | *                     | *        |
| NEW JERSEY                          | 73   | 34                  |                                   |                        | 138                           | 112 | *                     | *        |
| NEW JERSEY                          | 73   | 42                  |                                   |                        | 133                           | 121 | *                     | *        |
| NEW JERSEY                          | 73   | 35                  | 1                                 |                        | 163                           | 150 | *                     | *        |
| NEW JERSEY                          | 73   | 44                  |                                   |                        | 143                           | 125 | *                     | *        |
| NEW JERSEY                          | 73   | 41                  |                                   |                        | 113                           | 86  | *                     | *        |
| NEW JERSEY                          | 73   | 39                  |                                   |                        | 136                           | 108 | *                     | *        |
| NEW JERSEY                          | 73   | 30                  |                                   |                        | 126                           | 95  | *                     | *        |
| NEW JERSEY                          | 73   | 41                  | 3                                 |                        | 172                           | 170 | *                     | *        |
| NEW JERSEY                          | 73   | 44                  |                                   |                        | 129                           | 109 | *                     | *        |
| NEW YORK                            | 73   | 52                  |                                   |                        | 135                           | 103 | .91                   | .73      |
| NEW YORK                            | 73   | 39                  |                                   |                        | 98                            | 91  | *                     | *        |
| NEW YORK                            | 73   | 56                  | 1                                 |                        | 152                           | 115 | .93                   | .74      |
| NEW YORK                            | 73   | 43                  | 1                                 |                        | 224                           | 103 | *                     | *        |

Table A-1 (continued). SUSPENDED PARTICULATE DATA  
 METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION          | YEAR | NO. OF VALID VALUES | NC. OF DAILY VALUES EXC'D'G 24-HR STDS. | HIGHEST 24-HR VALUES UG/CU.M. | RATIOS TO ANNUAL MEAN |      | AS OF JUNE 01, 1974 |
|-------------------------------------|------|---------------------|---|-------------------------------|-----------------------|------|---------------------|
|                                     |      |                     |   |                               | 1ST                   | 2ND  |                     |
| 0-3 NEW JERSEY-NEW YORK-CONNECTICUT |      | **                  | PRIORITY 1 **                           |                               |                       |      |                     |
| NEW YORK                            | 73   | 20                  | 2                                       | 134                           | 126                   | *    | *                   |
| NEW YORK                            | 73   | 49                  | 2                                       | 462                           | 424                   | 1.13 | 68                  |
| NEW YORK                            | 73   | 57                  |   | 149                           | 117                   | .98  | 59                  |
| NEW YORK                            | 73   | 47                  | 2                                       | 218                           | 156                   | 1.00 | 60                  |
| NEW YORK                            | 73   | 50                  | 5                                       | 332                           | 252                   | 1.18 | 71                  |
| NEW YORK                            | 73   | 55                  | 2                                       | 192                           | 167                   | 1.25 | 75                  |
| NEW YORK                            | 73   | 51                  |   | 126                           | 123                   | .76  | 46                  |
| NEW YORK                            | 73   | 41                  | 1                                       | 170                           | 136                   | *    | *                   |
| NEW YORK                            | 73   | 59                  |   | 140                           | 125                   | 1.00 | 60                  |
| NEW YORK                            | 73   | 38                  | 2                                       | 165                           | 153                   | *    | *                   |
| NEW YORK                            | 73   | 57                  |   | 147                           | 110                   | .93  | 56                  |
| NEW YORK                            | 73   | 58                  |   | 137                           | 120                   | .96  | 58                  |
| NEW YORK                            | 73   | 57                  |   | 137                           | 92                    | .70  | 42                  |
| NEW YORK                            | 73   | 55                  |   | 114                           | 108                   | .81  | 49                  |
| NEW YORK                            | 73   | 37                  |   | 125                           | 124                   | *    | *                   |
| NEW YORK                            | 73   | 15                  | 3                                       | 369                           | 307                   | *    | *                   |
| NEW YORK                            | 73   | 65                  | 2                                       | 155                           | 154                   | *    | *                   |
| NEW YORK                            | 73   | 60                  | 7                                       | 186                           | 165                   | *    | *                   |
| NEW YORK                            | 73   | 72                  | 3                                       | 206                           | 206                   | *    | *                   |
| NEW YORK                            | 73   | 62                  | 4                                       | 177                           | 164                   | *    | *                   |
| NEW YORK                            | 73   | 67                  | 2                                       | 243                           | 153                   | *    | *                   |
| NEW YORK                            | 73   | 54                  | 1                                       | 181                           | 142                   | *    | *                   |
| NEW YORK                            | 73   | 47                  | 8                                       | 217                           | 175                   | *    | *                   |
| NEW YORK                            | 73   | 34                  | 1                                       | 188                           | 146                   | *    | *                   |
| NEW YORK                            | 73   | 59                  | 7                                       | 198                           | 185                   | *    | *                   |
| NEW YORK                            | 73   | 73                  | 3                                       | 166                           | 157                   | *    | *                   |
| NEW YORK                            | 73   | 54                  | 9                                       | 212                           | 180                   | *    | *                   |
| NEW YORK                            | 73   | 43                  | 1                                       | 169                           | 148                   | *    | *                   |
| NEW YORK                            | 73   | 43                  | 1                                       | 155                           | 139                   | *    | *                   |
| NEW YORK                            | 73   | 54                  | 6                                       | 190                           | 185                   | *    | *                   |
| NEW YORK                            | 73   | 70                  |   | 121                           | 119                   | *    | *                   |
| NEW YORK                            | 73   | 39                  | 3                                       | 193                           | 180                   | *    | *                   |
| NEW YORK                            | 73   | 31                  | 2                                       | 166                           | 158                   | *    | *                   |
| NEW YORK                            | 73   | 43                  | 4                                       | 164                           | 162                   | *    | *                   |
| NEW YORK                            | 73   | 18                  | 1                                       | 161                           | 95                    | *    | *                   |
| NEW YORK                            | 73   | 78                  |   | 143                           | 142                   | *    | *                   |
| NEW YORK                            | 73   | 69                  | 2                                       | 225                           | 158                   | *    | *                   |
| NEW YORK                            | 73   | 67                  | 6                                       | 439                           | 230                   | *    | *                   |
| NEW YORK                            | 73   | 77                  | 3                                       | 177                           | 175                   | *    | *                   |
| NEW YORK                            | 73   | 70                  | 16                                      | 233                           | 224                   | *    | *                   |
| NEW YORK                            | 73   | 68                  | 3                                       | 169                           | 164                   | *    | *                   |
| NEW YORK                            | 73   | 65                  | 2                                       | 180                           | 179                   | *    | *                   |
| NEW YORK                            | 73   | 68                  | 3                                       | 158                           | 155                   | *    | *                   |
| NEW YORK                            | 73   | 32                  | 2                                       | 246                           | 157                   | *    | *                   |



**Table A-1 (continued). SUSPENDED PARTICULATE DATA**

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                         | NO. OF DAILY VALUES EXC'D 10'G 24-HR STDS. SEC. PRI. | YEAR 19-- | VALU VALUES        | NO. OF DAILY VALUES EXC'D 10'G 24-HR STDS. SEC. PRI. | HIGHEST 24-HR VALUES UG/CU.M. |     | RATIOS TO ANN. STDS SEC. PRI. UG/CU.M. |                     | AS OF JUNE 07, 1974 | AS OF JUNE 07, 1974 |
|--|--|-----------|--------------------|--|-------------------------------|-----|--|---------------------|---------------------|---------------------|
|  |  |           |                    |  | 1ST                           | 2ND | ANN. STDS SEC. PRI.                    | ANN. STDS SEC. PRI. |                     |                     |
| <b>013 NEW JERSEY-NEW YORK-CONNECTICUT</b>         |  |           |                    |  |                               |     |  |                     |                     |                     |
| NEW YORK   | 33 4680038   | H01       | NEW YORK CITY      | 3  | 73                            | 110 | 206                                    | 164                 | *                   | *                   |
| NEW YORK   | 33 4680039   | H01       | NEW YORK CITY      | 3  | 73                            | 41  | 184                                    | 161                 | *                   | *                   |
| NEW YORK   | 33 4680040   | H01       | NEW YORK CITY      | 6  | 73                            | 44  | 210                                    | 191                 | *                   | *                   |
| NEW YORK   | 33 4680041   | H01       | NEW YORK CITY      | 1  | 73                            | 44  | 165                                    | 137                 | *                   | *                   |
| NEW YORK   | 33 4680042   | H01       | NEW YORK CITY      | 6  | 73                            | 41  | 205                                    | 195                 | *                   | *                   |
| NEW YORK   | 33 4680044   | H01       | NEW YORK CITY      | 2  | 73                            | 21  | 164                                    | 162                 | *                   | *                   |
| NEW YORK   | 33 4680045   | H01       | NEW YORK CITY      | 1  | 73                            | 31  | 164                                    | 134                 | *                   | *                   |
| NEW YORK   | 33 4680046   | H01       | NEW YORK CITY      | 3  | 73                            | 33  | 273                                    | 250                 | *                   | *                   |
| NEW YORK   | 33 4680047   | H01       | NEW YORK CITY      | 13   | 73                            | 55  | 225                                    | 195                 | *                   | *                   |
| NEW YORK   | 33 4680050   | F01       | NEW YORK CITY      | 1  | 73                            | 62  | 157                                    | 147                 | 1.21                | -97                 |
| NEW YORK   | 33 4680057   | F01       | NEW YORK CITY      | 3  | 73                            | 41  | 156                                    | 138                 | *                   | *                   |
| NEW YORK   | 33 4680064   | H01       | NEW YORK           | 1  | 73                            | 26  | 153                                    | 153                 | *                   | *                   |
| NEW YORK   | 33 4880001   | F01       | NORTH TARRYTOWN    | 44   | 73                            | 44  | 139                                    | 134                 | *                   | *                   |
| NEW YORK   | 33 5200001   | F01       | OSSINING           | 44   | 73                            | 44  | 110                                    | 104                 | *                   | *                   |
| NEW YORK   | 33 5360001   | F01       | PEEKSKILL          | 45   | 73                            | 45  | 167                                    | 145                 | *                   | *                   |
| NEW YORK   | 33 5520001   | F01       | PORT CHESTER       | 45   | 73                            | 45  | 131                                    | 123                 | *                   | *                   |
| NEW YORK   | 33 5780001   | F01       | ROCKLAND COUNTY    | 47   | 73                            | 47  | 126                                    | 115                 | -88                 | -70                 |
| NEW YORK   | 33 5780002   | F01       | ROCKLAND COUNTY    | 48   | 73                            | 48  | 138                                    | 108                 | -90                 | -72                 |
| NEW YORK   | 33 5800001   | F01       | ROCKVILLE CTR      | 53   | 73                            | 53  | 184                                    | 127                 | 1.23                | -98                 |
| NEW YORK   | 33 5910001   | F01       | RYE                | 45   | 73                            | 45  | 150                                    | 138                 | *                   | *                   |
| NEW YORK   | 33 6340001   | F01       | SOUTHAMPTON        | 42   | 73                            | 42  | 228                                    | 114                 | *                   | *                   |
| NEW YORK   | 33 6560001   | F01       | SUFFERN            | 47   | 73                            | 47  | 137                                    | 136                 | -93                 | -74                 |
| NEW YORK   | 33 6580001   | F01       | SUFFOLK COUNTY     | 47   | 73                            | 47  | 136                                    | 133                 | -88                 | -70                 |
| NEW YORK   | 33 6580002   | F01       | SUFFOLK COUNTY     | 49   | 73                            | 49  | 115                                    | 96                  | .68                 | .54                 |
| NEW YORK   | 33 6580011   | F01       | SUFFOLK COUNTY     | 56   | 73                            | 56  | 157                                    | 139                 | -86                 | -69                 |
| NEW YORK   | 33 5800023   | F01       | SMITHTOWN          | 50   | 73                            | 50  | 139                                    | 92                  | -80                 | -64                 |
| NEW YORK   | 33 7320003   | F01       | WESTCHESTER COUNTY | 45   | 73                            | 45  | 123                                    | 105                 | *                   | *                   |
| NEW YORK   | 33 7320004   | F01       | WESTCHESTER COUNTY | 43   | 73                            | 43  | 100                                    | 82                  | *                   | *                   |
| NEW YORK   | 33 7320005   | F01       | WESTCHESTER COUNTY | 44   | 73                            | 44  | 90                                     | 87                  | *                   | *                   |
| NEW YORK   | 33 7320006   | F01       | WESTCHESTER COUNTY | 45   | 73                            | 45  | 181                                    | 109                 | *                   | *                   |
| NEW YORK   | 33 7400001   | F01       | WEST HAVEN STRAW   | 52   | 73                            | 52  | 152                                    | 105                 | .81                 | .65                 |
| NEW YORK   | 33 1480001   | F01       | WHITE PLAINS       | 44   | 73                            | 44  | 159                                    | 130                 | *                   | *                   |
| NEW YORK   | 33 7620001   | F01       | YONKERS            | 20   | 73                            | 20  | 489                                    | 136                 | *                   | *                   |
| <b>044 NORTHWESTERN CONNECTICUT</b>                |  |           |                    |  |                               |     |  |                     |                     |                     |
| CONNECTICUT  | 07 0478001   | F03       | LITCHFIELD COUNTY  | 3  | 73                            | 21  | 93                                     | 72                  | *                   | *                   |
| CONNECTICUT  | 07 1160001   | F01       | TORRINGTON         | 15   | 73                            | 15  | 98                                     | 89                  | *                   | *                   |
| CONNECTICUT  | 07 1240001   | A01       | WATERBURY          | 7  | 73                            | 7   | 165                                    | 124                 | *                   | *                   |
| CONNECTICUT  | 07 1460001   | F01       | WINCHESTER         | 15   | 73                            | 15  | 98                                     | 91                  | *                   | *                   |
| <b>045 METROPOLITAN PHILADELPHIA (DEL-N.J.-PA)</b> |  |           |                    |  |                               |     |  |                     |                     |                     |
| DELAWARE   | 08 0140001   | A01       | NEWMARK            | 28   | 73                            | 28  | 122                                    | 118                 | 1.10                | .88                 |
| DELAWARE   | 08 0140002   | F01       | NEWMARK            | 47   | 73                            | 47  | 180                                    | 145                 | *                   | *                   |

Table A-1 (continued) : SUSPENDED PARTICULATE DATA  
 METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTEK SAMPLE - 1110191

| AIR QUALITY CONTROL REGION | U45 METROPOLITAN PHILADELPHIA (DEL-N.J.-PA) (CONTINUED) | YEAR | 19-- | NU. OF VALID VALUES | NU. OF DAILY VALUES EXC'D TO 24-HR STD. PRI. | HIGHEST UG/CU.M. 1ST 2ND | RATIOS TO ANN. STDS. SEC. PRI. | AS OF | DATE | A N N U A L MEAN UG/CU.M. |
|----------------------------|---|------|------|---------------------|--|--------------------------|--------------------------------|-------|------|---------------------------|
|                            |   |      |      |                     |  |                          |                                |       |      |                           |
| DELAWARE                   | 08 0180001 F01 NEW CASTLE COUNTY                        | 73   | 49   | 2                   | 162  | 157                      | *                              |       |      | *                         |
| DELAWARE                   | 08 0180002 F01 NEW CASTLE COUNTY                        | 73   | 49   | 2                   | 156  | 155                      | *                              |       |      | *                         |
| DELAWARE                   | 08 0180003 F01 NEW CASTLE COUNTY                        | 73   | 51   |                     | 130  | 130                      | *                              |       |      | *                         |
| DELAWARE                   | 08 0180004 F01 NEW CASTLE COUNTY                        | 73   | 45   |                     | 103  | 100                      | *                              |       |      | *                         |
| DELAWARE                   | 08 0180005 F01 NEW CASTLE COUNTY                        | 73   | 49   | 1                   | 184  | 148                      | *                              |       |      | *                         |
| DELAWARE                   | 08 0180006 F01 NEW CASTLE COUNTY                        | 73   | 51   |                     | 149  | 123                      | *                              |       |      | *                         |
| DELAWARE                   | 08 0180007 F01 NEW CASTLE COUNTY                        | 73   | 50   | 1                   | 161  | 138                      | *                              |       |      | *                         |
| DELAWARE                   | 08 0180010 F01 NEW CASTLE COUNTY                        | 73   | 52   | 1                   | 155  | 133                      | *                              |       |      | *                         |
| DELAWARE                   | 08 0180011 F01 NEW CASTLE COUNTY                        | 73   | 42   | 1                   | 165  | 147                      | *                              |       |      | *                         |
| DELAWARE                   | 08 0200001 F01 SEAFORD                                  | 73   | 25   |                     | 85   | 80                       | *                              |       |      | *                         |
| DELAWARE                   | 08 0260002 F01 WILMINGTON                               | 73   | 73   | 7                   | 193  | 172                      | *                              |       |      | *                         |
| DELAWARE                   | 08 0260003 A01 WILMINGTON                               | 73   | 18   | 3                   | 229  | 215                      | *                              |       |      | *                         |
| DELAWARE                   | 08 0260004 F01 WILMINGTON                               | 73   | 45   | 26                  | 558  | 383                      | *                              |       |      | *                         |
| DELAWARE                   | 31 0340001 F01 BERLIN BORO                              | 73   | 37   |                     | 129  | 122                      | *                              |       |      | *                         |
| DELAWARE                   | 31 0640002 F01 BURLINGTON COUNTY                        | 73   | 45   |                     | 145  | 118                      | *                              |       |      | *                         |
| DELAWARE                   | 31 0660003 F01 BURLINGTON COUNTY                        | 73   | 40   | 1                   | 160  | 146                      | *                              |       |      | *                         |
| DELAWARE                   | 31 0660004 F01 BURLINGTON COUNTY                        | 73   | 43   |                     | 126  | 92                       | *                              |       |      | *                         |
| DELAWARE                   | 31 0660005 F01 BURLINGTON COUNTY                        | 73   | 43   |                     | 125  | 101                      | *                              |       |      | *                         |
| DELAWARE                   | 31 0740001 F01 CAMDEN COUNTY                            | 73   | 35   |                     | 116  | 67                       | *                              |       |      | *                         |
| DELAWARE                   | 31 0740002 A01 CAMDEN COUNTY                            | 73   | 15   |                     | 127  | 114                      | *                              |       |      | *                         |
| DELAWARE                   | 31 1700001 A01 GLASSBORO                                | 73   | 12   |                     | 83   | 81                       | *                              |       |      | *                         |
| DELAWARE                   | 31 2980001 F01 MERCER COUNTY                            | 73   | 44   |                     | 148  | 111                      | *                              |       |      | *                         |
| DELAWARE                   | 31 2980002 F01 MERCER COUNTY                            | 73   | 44   |                     | 132  | 108                      | *                              |       |      | *                         |
| DELAWARE                   | 31 2980003 F01 MERCER COUNTY                            | 73   | 40   |                     | 150  | 139                      | *                              |       |      | *                         |
| DELAWARE                   | 31 5400001 A01 TRENTON                                  | 73   | 15   |                     | 117  | 114                      | *                              |       |      | *                         |
| DELAWARE                   | 31 5400001 F01 TRENTON                                  | 73   | 28   | 2                   | 197  | 165                      | *                              |       |      | *                         |
| DELAWARE                   | 31 6260001 F01 MCCOMBURY                                | 73   | 42   |                     | 102  | 98                       | *                              |       |      | *                         |
| DELAWARE                   | 39 1080102 F01 BRISTOL                                  | 73   | 15   | 1                   | 175  | 144                      | *                              |       |      | *                         |
| DELAWARE                   | 39 1200105 F03 BUCKS COUNTY                             | 73   | 14   |                     | 89   | 78                       | *                              |       |      | *                         |
| DELAWARE                   | 39 1200114 F01 BUCKS COUNTY                             | 73   | 10   |                     | 110  | 78                       | *                              |       |      | *                         |
| DELAWARE                   | 39 1200117 F03 BUCKS COUNTY                             | 73   | 8    |                     | 73   | 72                       | *                              |       |      | *                         |
| DELAWARE                   | 39 1620107 F01 CHESTER                                  | 73   | 12   |                     | 98   | 97                       | *                              |       |      | *                         |
| DELAWARE                   | 39 1660115 F02 CHESTER COUNTY                           | 73   | 8    | 3                   | 369  | 197                      | *                              |       |      | *                         |
| DELAWARE                   | 39 2020112 F01 CONSHOHOCKEN                             | 73   | 9    | 2                   | 472  | 304                      | *                              |       |      | *                         |
| DELAWARE                   | 39 2460104 F01 DOWNINGTOWN                              | 73   | 12   |                     | 96   | 66                       | *                              |       |      | *                         |
| DELAWARE                   | 39 4720111 F03 LANSDALE                                 | 73   | 6    |                     | 87   | 62                       | *                              |       |      | *                         |
| DELAWARE                   | 39 5620106 F01 MEDIA                                    | 73   | 13   | 1                   | 344  | 99                       | *                              |       |      | *                         |
| DELAWARE                   | 39 6000103 F01 MONTGOMERY COUNTY                        | 73   | 11   | 1                   | 188  | 134                      | *                              |       |      | *                         |
| DELAWARE                   | 39 7100108 F01 PERKASIE                                 | 73   | 12   |                     | 76   | 72                       | *                              |       |      | *                         |
| DELAWARE                   | 39 7140001 A01 PHILADELPHIA                             | 73   | 26   | 1                   | 338  | 140                      | 1.45                           |       | 1.16 | 87                        |
| DELAWARE                   | 39 7140003 H01 PHILADELPHIA                             | 73   | 51   | 4                   | 255  | 193                      | *                              |       |      | *                         |
| DELAWARE                   | 39 7140004 H01 PHILADELPHIA                             | 73   | 32   | 10                  | 240  | 236                      | *                              |       |      | *                         |
| DELAWARE                   | 35 7140018 H01 PHILADELPHIA                             | 73   | 15   | 2                   | 165  | 152                      | *                              |       |      | *                         |

**Table A-1 (continued) - SUSPENDED PARTICULATE DATA**

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION        | 045 METROPOLITAN PHILADELPHIA (DEL-N.J.-PA) (CONTINUED) | YEAR | NO. OF VALID VALUES |        | NO. OF DAILY VALUES EXCEEDING 24-HR. STD. PRI. | HIGHEST 24-HR. VALUES UG/CU.M. |     | RATIOS TO ANN. STDS. UG/CU.M. |      | A N N U A L MEAN |
|-----------------------------------|---|------|---------------------|--------|--|--------------------------------|-----|-------------------------------|------|------------------|
|                                   |   |      | 19--                | VALUES |  | SEC.                           | 1ST | 2ND                           | SEC. |                  |
| PENNSYLVANIA                      | 39 7140019 H01 PHILADELPHIA                             | 73   | 9                   | 444    | 5  | 4                              | 387 | *                             | *    | *                |
| PENNSYLVANIA                      | 39 7140020 H01 PHILADELPHIA                             | 73   | 7                   | 150    |  |                                | 71  | *                             | *    | *                |
| PENNSYLVANIA                      | 39 7140021 H01 PHILADELPHIA                             | 73   | 15                  | 190    | 1  |                                | 133 | *                             | *    | *                |
| PENNSYLVANIA                      | 39 7140022 H01 PHILADELPHIA                             | 73   | 36                  | 192    | 2  |                                | 180 | *                             | *    | *                |
| PENNSYLVANIA                      | 39 7140023 H01 PHILADELPHIA                             | 73   | 48                  | 172    | 1  |                                | 118 | *                             | *    | *                |
| PENNSYLVANIA                      | 39 7140024 H01 PHILADELPHIA                             | 73   | 5                   | 99     |  |                                | 88  | *                             | *    | *                |
| PENNSYLVANIA                      | 39 7200113 F01 PHOENIXVILLE                             | 73   | 9                   | 182    | 1  |                                | 95  | *                             | *    | *                |
| PENNSYLVANIA                      | 35 7480101 F01 POTTSTOWN                                | 73   | 11                  | 82     |  |                                | 59  | *                             | *    | *                |
| PENNSYLVANIA                      | 35 75601C9 F01 QUAKERTOWN                               | 73   | 13                  | 141    |  |                                | 114 | *                             | *    | *                |
| PENNSYLVANIA                      | 39 9160001 A01 WARMINSTER                               | 73   | 9                   | 240    | 1  |                                | 148 | *                             | *    | *                |
| PENNSYLVANIA                      | 39 5280001 A01 WEST CHESTER                             | 73   | 27                  | 109    |  |                                | 99  | 93                            | 74   | 56               |
| PENNSYLVANIA                      | 39 9280110 F01 WEST CHESTER                             | 73   | 8                   | 198    | 1  |                                | 86  | *                             | *    | *                |
| ** PRIORITY 3 **                  |   |      |                     |        |  |                                |     |                               |      |                  |
| 046 SOUTHERN DELAWARE             |   |      |                     |        |  |                                |     |                               |      |                  |
| DELAWARE                          | 36 3020001 F01 DOVER                                    | 73   | 34                  | 110    |  |                                | 90  | *                             | *    | *                |
| DELAWARE                          | 38 6060001 A03 KENT COUNTY                              | 73   | 13                  | 203    | 1  |                                | 117 | *                             | *    | *                |
| DELAWARE                          | 08 0120001 F01 MILFORD                                  | 73   | 16                  | 81     |  |                                | 68  | *                             | *    | *                |
| ** PRIORITY 1 **                  |   |      |                     |        |  |                                |     |                               |      |                  |
| 047 NATIONAL CAPITAL (D.C.-MD-VA) |   |      |                     |        |  |                                |     |                               |      |                  |
| DIST COLUMBIA                     | 09 0020001 A01 WASHINGTON                               | 73   | 20                  | 115    |  |                                | 114 | *                             | *    | *                |
| DIST COLUMBIA                     | 09 0020003 A1C WASHINGTON                               | 73   | 21                  | 301    | 2  | 1                              | 241 | *                             | *    | *                |
| MARYLAND                          | 21 0200001 G01 BETHESDA                                 | 73   | 44                  | 115    |  |                                | 101 | *                             | *    | *                |
| MARYLAND                          | 21 0200004 F01 BETHESDA                                 | 73   | 43                  | 122    |  |                                | 100 | *                             | *    | *                |
| MARYLAND                          | 21 0320001 G01 CAPITOL HGTS MD                          | 73   | 38                  | 112    |  |                                | 108 | *                             | *    | *                |
| MARYLAND                          | 21 0480001 G01 CHEVERLY MD                              | 73   | 43                  | 117    |  |                                | 110 | *                             | *    | *                |
| MARYLAND                          | 21 0780003 G01 GAITHERSBURG                             | 73   | 44                  | 120    |  |                                | 98  | *                             | *    | *                |
| MARYLAND                          | 21 C580002 G01 HYATTSVILLE MD                           | 73   | 37                  | 130    |  |                                | 103 | *                             | *    | *                |
| MARYLAND                          | 21 1060001 G01 LAUKEL MD                                | 73   | 36                  | 102    |  |                                | 96  | *                             | *    | *                |
| MARYLAND                          | 21 1160008 G01 MONTGOMERY COUNTY                        | 73   | 45                  | 112    |  |                                | 99  | *                             | *    | *                |
| MARYLAND                          | 21 1160010 F01 MONTGOMERY COUNTY                        | 73   | 44                  | 186    | 1  |                                | 134 | *                             | *    | *                |
| MARYLAND                          | 21 1160011 G01 MONTGOMERY COUNTY                        | 73   | 44                  | 117    |  |                                | 92  | *                             | *    | *                |
| MARYLAND                          | 21 1300001 G01 PRINCE GEORGE'S COUNTY                   | 73   | 41                  | 90     |  |                                | 87  | *                             | *    | *                |
| MARYLAND                          | 21 1300002 G01 PRINCE GEORGE'S COUNTY                   | 73   | 40                  | 95     |  |                                | 92  | *                             | *    | *                |
| MARYLAND                          | 21 1300003 G01 PRINCE GEORGE'S COUNTY                   | 73   | 41                  | 78     |  |                                | 74  | *                             | *    | *                |
| MARYLAND                          | 21 1300006 G01 PRINCE GEORGE'S COUNTY                   | 73   | 39                  | 125    |  |                                | 108 | *                             | *    | *                |
| MARYLAND                          | 21 1300010 G01 PRINCE GEORGE'S COUNTY                   | 73   | 43                  | 124    |  |                                | 111 | *                             | *    | *                |
| MARYLAND                          | 21 1300011 G01 PRINCE GEORGE'S COUNTY                   | 73   | 41                  | 127    |  |                                | 86  | *                             | *    | *                |
| MARYLAND                          | 21 1300012 G01 PRINCE GEORGE'S COUNTY                   | 73   | 37                  | 129    |  |                                | 105 | *                             | *    | *                |
| MARYLAND                          | 21 1300018 G01 PRINCE GEORGE'S COUNTY                   | 73   | 39                  | 113    |  |                                | 87  | *                             | *    | *                |
| MARYLAND                          | 21 1300019 G01 PRINCE GEORGE'S COUNTY                   | 73   | 40                  | 121    |  |                                | 100 | *                             | *    | *                |
| MARYLAND                          | 21 1300020 G01 PRINCE GEORGE'S COUNTY                   | 73   | 38                  | 111    |  |                                | 100 | *                             | *    | *                |
| MARYLAND                          | 21 1300021 G01 PRINCE GEORGE'S COUNTY                   | 73   | 43                  | 366    | 3  | 1                              | 218 | *                             | *    | *                |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION        | COUNTY   | YEAR                | NO. OF VALID VALUES | NC. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST 2ND | AS OF         |               | ANN. STDS SEC. PRI. | RATIOS TO MEAN UG/CU.M. |   |   |
|-----------------------------------|----------|---------------------|---------------------|---|---------------------------------------|---------------|---------------|---------------------|-------------------------|---|---|
|                                   |          |                     |                     |   |                                       | JUNE 07, 1974 | JUNE 07, 1974 |                     |                         |   |   |
| 047 NATIONAL CAPITAL (D.C.-MD-VA) | MARYLAND | 21 1380002          | 44                  |   |                                       | 128           | 118           | *                   | *                       |   |   |
|                                   |          | 21 1480001          | 45                  |   |                                       | 132           | 110           | *                   | *                       |   |   |
|                                   |          | 21 1480003          | 45                  |   |                                       | 107           | 95            | *                   | *                       |   |   |
|                                   |          | 21 1480005          | 41                  |   |                                       | 121           | 110           | *                   | *                       |   |   |
|                                   |          | 21 1480007          | 45                  |   |                                       | 116           | 114           | *                   | *                       |   |   |
|                                   |          | 48 C080004          | 15                  |   |                                       | 99            | 99            | *                   | *                       |   |   |
|                                   |          | 48 C080007          | 15                  |   |                                       | 114           | 107           | *                   | *                       |   |   |
|                                   |          | 48 C080009          | 30                  |   |                                       | 103           | 99            | *                   | *                       |   |   |
|                                   |          | 48 C080010          | 22                  |   |                                       | 116           | 102           | *                   | *                       |   |   |
|                                   |          | 48 C080011          | 30                  |   |                                       | 104           | 92            | *                   | *                       |   |   |
|                                   |          | 48 C080012          | 30                  |   |                                       | 119           | 102           | *                   | *                       |   |   |
|                                   |          | 48 C080019          | 29                  |   |                                       | 123           | 88            | *                   | *                       |   |   |
|                                   |          | 48 G170001          | 28                  |   |                                       | 131           | 127           | *                   | *                       |   |   |
|                                   |          | 48 G170002          | 64                  |   |                                       | 117           | 107           | *                   | *                       |   |   |
|                                   |          | 48 G200002          | 24                  |   |                                       | 93            | 74            | *                   | *                       |   |   |
|                                   |          | 48 G200003          | 39                  | 1   |                                       | 159           | 123           | *                   | *                       |   |   |
|                                   |          | 48 G200008          | 40                  |   |                                       | 160           | 111           | *                   | *                       |   |   |
|                                   |          | 48 G200012          | 42                  | 6   |                                       | 210           | 180           | *                   | *                       |   |   |
|                                   |          | 48 G200014          | 41                  | 1   |                                       | 668           | 93            | *                   | *                       |   |   |
|                                   |          | 48 G200017          | 42                  |   |                                       | 74            | 61            | *                   | *                       |   |   |
|                                   |          | 48 G270004          | 37                  |   |                                       | 138           | 115           | *                   | *                       |   |   |
|                                   |          | 48 G400004          | 88                  |   |                                       | 118           | 107           | *                   | *                       |   |   |
|                                   |          | 48 G400005          | 82                  |   |                                       | 143           | 119           | *                   | *                       |   |   |
|                                   |          | 48 G400006          | 25                  |   |                                       | 75            | 69            | *                   | *                       |   |   |
|                                   |          | 48 G400007          | 89                  |   |                                       | 89            | 82            | *                   | *                       |   |   |
|                                   |          | 48 G400008          | 83                  |   |                                       | 142           | 141           | *                   | *                       |   |   |
|                                   |          | 48 G400009          | 86                  |   |                                       | 123           | 94            | *                   | *                       |   |   |
|                                   |          | 48 G400010          | 28                  |   |                                       | 83            | 69            | *                   | *                       |   |   |
|                                   |          | 48 G400011          | 10                  |   |                                       | 131           | 74            | *                   | *                       |   |   |
|                                   |          | 48 G400012          | 28                  | 5   | 3                                     | 398           | 286           | *                   | *                       |   |   |
|                                   |          | 48 G400013          | 11                  | 3   | 2                                     | 580           | 310           | *                   | *                       |   |   |
|                                   |          | 48 G400014          | 89                  |   |                                       | 107           | 107           | *                   | *                       |   |   |
|                                   |          | 48 G400015          | 34                  | 1   |                                       | 158           | 147           | *                   | *                       |   |   |
|                                   |          | 48 G400016          | 64                  |   |                                       | 67            | 52            | *                   | *                       |   |   |
|                                   |          | 48 G400017          | 36                  | 6   | 2                                     | 368           | 351           | *                   | *                       |   |   |
|                                   |          | 48 G400018          | 18                  | 2   | 1                                     | 348           | 160           | *                   | *                       |   |   |
|                                   |          | 48 G400019          | 89                  |   |                                       | 73            | 71            | *                   | *                       |   |   |
|                                   |          | 48 G400020          | 89                  |   |                                       | 104           | 101           | *                   | *                       |   |   |
|                                   |          | 48 G400021          | 33                  | 1   |                                       | 212           | 129           | *                   | *                       |   |   |
|                                   |          | ** PRIORITY 1 **    |                     |   |                                       |               |               |                     |                         |   |   |
|                                   |          | ** PRIORITY 2 **    |                     |   |                                       |               |               |                     |                         |   |   |
|                                   |          | AS OF JUNE 07, 1974 |                     |   |                                       |               |               |                     |                         |   |   |
|                                   |          | 048 CENTRAL FLORIDA | FLORIDA             | 10 2680001  | 42                                    |               |               | 79                  | 63                      | * | * |
|                                   |          |                     |                     | 10 3280003  | 27                                    |               |               | 138                 | 78                      | * | * |
|                                   |          |                     |                     | 10 4480001  | 24                                    |               |               | 111                 | 74                      | * | * |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 11110191

| AIR QUALITY CONTROL REGION          | YEAR | NO. OF VALUES | NO. OF VALUES EXC'D'G 24-HR STDS. SEC. | HIGHEST 24-HR VALUES UG/CU.M. | RATIOS TO G.D.M. ANN. STDS. MEAN |      | AS OF JUNE 07, 1974 |
|-------------------------------------|------|---------------|--|-------------------------------|----------------------------------|------|---------------------|
|                                     |      |               |  |                               | 1ST                              | 2ND  |                     |
| ** PRIORITY 1 **                    |      |               |  |                               |                                  |      |                     |
| 049 JACKSONVILLE-BRUNSWICK (FLA-GA) |      |               |  |                               |                                  |      |                     |
| FLORIDA                             | 73   | 28            |  | 112                           | 105                              | 1.01 | .81                 |
| FLORIDA                             | 73   | 28            |  | 97                            | 97                               | *    | *                   |
| FLORIDA                             | 73   | 25            |  | 118                           | 116                              | *    | *                   |
| FLORIDA                             | 73   | 22            |  | 106                           | 70                               | *    | *                   |
| FLORIDA                             | 73   | 25            |  | 125                           | 117                              | *    | *                   |
| FLORIDA                             | 73   | 25            |  | 99                            | 95                               | *    | *                   |
| FLORIDA                             | 73   | 25            |  | 130                           | 124                              | *    | *                   |
| FLORIDA                             | 73   | 15            |  | 123                           | 104                              | *    | *                   |
| FLORIDA                             | 73   | 25            |  | 92                            | 92                               | *    | *                   |
| FLORIDA                             | 73   | 29            |  | 100                           | 100                              | *    | *                   |
| FLORIDA                             | 73   | 15            |  | 83                            | 72                               | *    | *                   |
| FLORIDA                             | 73   | 30            |  | 85                            | 85                               | *    | *                   |
| FLORIDA                             | 73   | 51            |  | 103                           | 103                              | *    | *                   |
| FLORIDA                             | 73   | 17            | 17                                     | 1,645                         | 1,040                            | *    | *                   |
| FLORIDA                             | 73   | 30            | 23                                     | 1,525                         | 1,525                            | *    | *                   |
| FLORIDA                             | 73   | 38            | 2                                      | 185                           | 158                              | *    | *                   |
| FLORIDA                             | 73   | 50            | 5                                      | 373                           | 245                              | 1.25 | 1.00                |
| ** PRIORITY 2 **                    |      |               |  |                               |                                  |      |                     |
| 050 SOUTHEAST FLORIDA               |      |               |  |                               |                                  |      |                     |
| FLORIDA                             | 73   | 8             |  | 66                            | 66                               | *    | *                   |
| FLORIDA                             | 73   | 26            |  | 84                            | 75                               | *    | *                   |
| FLORIDA                             | 73   | 43            | 1                                      | 187                           | 79                               | *    | *                   |
| FLORIDA                             | 73   | 37            | 4                                      | 262                           | 262                              | *    | *                   |
| FLORIDA                             | 73   | 30            |  | 134                           | 92                               | *    | *                   |
| FLORIDA                             | 73   | 32            |  | 52                            | 31                               | *    | *                   |
| FLORIDA                             | 73   | 43            |  | 51                            | 40                               | *    | *                   |
| FLORIDA                             | 73   | 22            |  | 56                            | 36                               | *    | *                   |
| FLORIDA                             | 73   | 22            |  | 64                            | 46                               | *    | *                   |
| FLORIDA                             | 73   | 22            |  | 54                            | 25                               | *    | *                   |
| FLORIDA                             | 73   | 18            | 2                                      | 159                           | 154                              | *    | *                   |
| FLORIDA                             | 73   | 24            | 6                                      | 219                           | 219                              | *    | *                   |
| FLORIDA                             | 73   | 18            | 1                                      | 161                           | 116                              | *    | *                   |
| FLORIDA                             | 73   | 23            |  | 122                           | 95                               | *    | *                   |
| FLORIDA                             | 73   | 16            |  | 107                           | 107                              | *    | *                   |
| FLORIDA                             | 73   | 13            |  | 128                           | 104                              | *    | *                   |
| FLORIDA                             | 73   | 24            | 1                                      | 217                           | 139                              | *    | *                   |
| FLORIDA                             | 73   | 16            |  | 116                           | 116                              | *    | *                   |
| FLORIDA                             | 73   | 26            |  | 96                            | 97                               | *    | *                   |
| FLORIDA                             | 73   | 40            |  | 108                           | 108                              | *    | *                   |
| FLORIDA                             | 73   | 14            | 2                                      | 167                           | 167                              | *    | *                   |
| FLORIDA                             | 73   | 7             |  | 98                            | 98                               | *    | *                   |
| FLORIDA                             | 73   | 14            |  | 94                            | 79                               | *    | *                   |

Table A-1 (continued) . . . SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION  | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | HIGHEST 24-HR VALUES UG/CU.M. 1ST 2ND | A N N U A L              |                    |
|-----------------------------|------|---------------------|--|---------------------------------------|--------------------------|--------------------|
|                             |      |                     |  |                                       | RATIOS TO GEOM. MEAN     |                    |
|                             |      |                     |  |                                       | ANN. STDS. PFI. UG/CU.M. | SEC. PFI. UG/CU.M. |
| FLORIDA                     | 73   | 18                  |  | 108                                   | 108                      | *                  |
| FLORIDA                     | 73   | 23                  |  | 88                                    | 75                       | *                  |
| FLORIDA                     | 73   | 10                  |  | 116                                   | 116                      | *                  |
| FLORIDA                     | 73   | 13                  |  | 76                                    | 76                       | *                  |
| FLORIDA                     | 73   | 14                  |  | 105                                   | 80                       | *                  |
| FLORIDA                     | 73   | 14                  | 1  | 156                                   | 79                       | *                  |
| FLORIDA                     | 73   | 13                  | 1  | 347                                   | 103                      | *                  |
| ** PRIORITY 1 **            |      |                     |  |                                       |                          |                    |
| J52 WEST CENTRAL FLORIDA    |      |                     |  |                                       |                          |                    |
| FLORIDA                     | 73   | 14                  |  | 83                                    | 42                       | *                  |
| FLORIDA                     | 73   | 13                  | 1  | 249                                   | 45                       | *                  |
| FLORIDA                     | 73   | 20                  | 2  | 559                                   | 321                      | *                  |
| FLORIDA                     | 73   | 19                  | 2  | 366                                   | 257                      | *                  |
| FLORIDA                     | 73   | 17                  | 5  | 624                                   | 182                      | *                  |
| FLORIDA                     | 73   | 15                  | 2  | 192                                   | 152                      | *                  |
| FLORIDA                     | 73   | 19                  | 1  | 950                                   | 70                       | *                  |
| FLORIDA                     | 73   | 21                  | 1  | 83                                    | 59                       | *                  |
| FLORIDA                     | 73   | 13                  | 1  | 157                                   | 146                      | *                  |
| ** PRIORITY 1 **            |      |                     |  |                                       |                          |                    |
| 053 AUGUSTA-AIKEN (GA-S.C.) |      |                     |  |                                       |                          |                    |
| GEORGIA                     | 73   | 44                  | 1  | 181                                   | 148                      | .98 .78            |
| GEORGIA                     | 73   | 51                  |  | 87                                    | 75                       | .53 .42            |
| SOUTH CAROLINA              | 73   | 53                  |  | 130                                   | 117                      | .75 .60            |
| SOUTH CAROLINA              | 73   | 53                  |  | 120                                   | 119                      | .71 .57            |
| SOUTH CAROLINA              | 73   | 30                  |  | 133                                   | 105                      | .71 .57            |
| SOUTH CAROLINA              | 73   | 57                  |  | 135                                   | 122                      | .76 .61            |
| SOUTH CAROLINA              | 73   | 60                  |  | 148                                   | 102                      | .81 .65            |
| ** PRIORITY 1 **            |      |                     |  |                                       |                          |                    |
| 054 CENTRAL GEORGIA         |      |                     |  |                                       |                          |                    |
| GEORGIA                     | 73   | 24                  |  | 80                                    | 64                       | .71 .57            |
| GEORGIA                     | 73   | 49                  | 1  | 157                                   | 137                      | 1.15 .92           |
| GEORGIA                     | 73   | 51                  | 3  | 205                                   | 201                      | 1.05 .84           |
| GEORGIA                     | 73   | 50                  |  | 101                                   | 84                       | .65 .52            |
| GEORGIA                     | 73   | 54                  |  | 114                                   | 107                      | .91 .73            |
| ** PRIORITY 1 **            |      |                     |  |                                       |                          |                    |
| 055 CHATTANOOGA (GA-TENN)   |      |                     |  |                                       |                          |                    |
| GEORGIA                     | 73   | 58                  | 1  | 154                                   | 130                      | 1.05 .84           |
| GEORGIA                     | 73   | 58                  | 5  | 232                                   | 218                      | 1.45 1.16          |
| TENNESSEE                   | 73   | 14                  | 1  | 170                                   | 145                      | .71 .57            |
| TENNESSEE                   | 73   | 19                  | 2  | 156                                   | 150                      | .71 .57            |
| TENNESSEE                   | 73   | 19                  | 5  | 236                                   | 213                      | .71 .57            |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC; 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION      | YEAR | NO. OF DAILY VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. PRI. | HIGHEST 24-HR VALUES UG/CU-M. |     | RATIO TO ANNUAL MEAN STDS. PRI. UG/CU-M. |     |
|---------------------------------|------|---------------------|--|-------------------------------|-----|--|-----|
|                                 |      |                     |  | 1ST                           | 2ND | 1-08                                     | -86 |
| TENNESSEE                       | 73   | 17                  |  | 97                            | 97  | *  | *   |
| TENNESSEE                       | 73   | 19                  |  | 104                           | 100 | *  | *   |
| TENNESSEE                       | 73   | 20                  |  | 142                           | 123 | *  | *   |
| TENNESSEE                       | 73   | 16                  |  | 147                           | 136 | *  | *   |
| TENNESSEE                       | 73   | 20                  |  | 114                           | 84  | *  | *   |
| TENNESSEE                       | 73   | 117                 | 6  | 184                           | 169 | *  | *   |
| TENNESSEE                       | 73   | 19                  |  | 120                           | 102 | *  | *   |
| TENNESSEE                       | 73   | 20                  |  | 118                           | 98  | *  | *   |
| 056 METROPOLITAN ATLANTA (GA)   |      |                     |  |                               |     |  |     |
| GEORGIA                         | 73   | 28                  | 1  | 166                           | 148 | 1-08                                     | -86 |
| GEORGIA                         | 73   | 189                 |  | 141                           | 137 | *  | *   |
| GEORGIA                         | 73   | 16                  |  | 84                            | 76  | *  | *   |
| GEORGIA                         | 73   | 38                  |  | 77                            | 71  | *  | *   |
| GEORGIA                         | 73   | 16                  |  | 114                           | 101 | *  | *   |
| GEORGIA                         | 73   | 44                  | 7  | 263                           | 199 | *  | *   |
| GEORGIA                         | 73   | 41                  |  | 132                           | 124 | *  | *   |
| GEORGIA                         | 73   | 44                  |  | 117                           | 116 | *  | *   |
| GEORGIA                         | 73   | 19                  |  | 81                            | 73  | *  | *   |
| GEORGIA                         | 73   | 17                  |  | 92                            | 78  | *  | *   |
| GEORGIA                         | 73   | 57                  | 1  | 168                           | 125 | .93                                      | .74 |
| GEORGIA                         | 73   | 41                  |  | 106                           | 106 | *  | *   |
| GEORGIA                         | 73   | 40                  |  | 106                           | 91  | *  | *   |
| GEORGIA                         | 73   | 34                  | 7  | 756                           | 611 | *  | *   |
| GEORGIA                         | 73   | 13                  |  | 85                            | 81  | *  | *   |
| GEORGIA                         | 73   | 37                  | 1  | 153                           | 95  | .70                                      | .56 |
| GEORGIA                         | 73   | 59                  | 1  | 191                           | 126 | .91                                      | .73 |
| GEORGIA                         | 73   | 41                  |  | 120                           | 110 | *  | *   |
| 057 NORTHEAST GEORGIA           |      |                     |  |                               |     |  |     |
| GEORGIA                         | 73   | 17                  |  | 84                            | 71  | *  | *   |
| 058 SAVANNAH-BEAUFORT (GA-S.C.) |      |                     |  |                               |     |  |     |
| GEORGIA                         | 73   | 18                  | 2  | 195                           | 163 | *  | *   |
| GEORGIA                         | 73   | 17                  | 1  | 166                           | 109 | *  | *   |
| GEORGIA                         | 73   | 24                  | 3  | 191                           | 169 | *  | *   |
| GEORGIA                         | 73   | 26                  | 8  | 292                           | 283 | *  | *   |
| GEORGIA                         | 73   | 14                  | 1  | 199                           | 144 | *  | *   |
| GEORGIA                         | 73   | 6                   |  | 115                           | 68  | *  | *   |
| GEORGIA                         | 73   | 35                  |  | 80                            | 74  | .55                                      | .44 |
| GEORGIA                         | 73   | 104                 | 13   | 364                           | 248 | *  | *   |

Table A-1 (continued) - SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION            | YEAR | NO. OF VALID VALUES | NC. OF DAILY VALUES EXC'D'G 24-HR STDS. | HIGHEST 24-HR VALUES US/CU.M. | A V N U A L         |                | GEOM. MEAN |
|---------------------------------------|------|---------------------|---|-------------------------------|---------------------|----------------|------------|
|                                       |      |                     |   |                               | ANN. STDS SEC. PRI. | STDS SEC. PRI. |            |
| GEORGIA                               | 73   | 26                  | 1                                       | 170                           | 131                 | *              | *          |
| GEORGIA                               | 73   | 27                  | 2                                       | 154                           | 154                 | *              | *          |
| SOUTH CAROLINA                        | 73   | 61                  |   | 111                           | 65                  | .55            | .44        |
| SOUTH CAROLINA                        | 73   | 60                  |   | 133                           | 86                  | .51            | .41        |
| SOUTH CAROLINA                        | 73   | 60                  |   | 105                           | 98                  | .46            | .37        |
| SOUTH CAROLINA                        | 73   | 27                  |   | 93                            | 76                  | *              | *          |
| 059 SOUTHWEST GEORGIA                 |      | ** PRIORITY 2       | **                                      | AS OF JUNE 07, 1974           |                     |                |            |
| GEORGIA                               | 73   | 53                  | 5                                       | 305                           | 211                 | .96            | .77        |
| GEORGIA                               | 73   | 51                  | 1                                       | 129                           | 96                  | .65            | .52        |
| 060 HAWAII                            |      | ** PRIORITY 2       | **                                      | AS OF JUNE 07, 1974           |                     |                |            |
| HAWAII                                | 73   | 96                  |   | 129                           | 91                  | .76            | .61        |
| HAWAII                                | 73   | 11                  |   | 10                            | 9                   | *              | *          |
| HAWAII                                | 73   | 6                   |   | 4                             | 3                   | *              | *          |
| HAWAII                                | 73   | 18                  |   | 82                            | 66                  | *              | *          |
| HAWAII                                | 73   | 5                   |   | 51                            | 23                  | *              | *          |
| HAWAII                                | 73   | 20                  |   | 51                            | 15                  | *              | *          |
| HAWAII                                | 73   | 63                  |   | 51                            | 50                  | .41            | .33        |
| HAWAII                                | 73   | 27                  |   | 57                            | 54                  | *              | *          |
| HAWAII                                | 73   | 358                 |   | 120                           | 85                  | .55            | .44        |
| HAWAII                                | 73   | 96                  | 1                                       | 225                           | 141                 | .95            | .76        |
| HAWAII                                | 73   | 97                  |   | 98                            | 89                  | .96            | .77        |
| HAWAII                                | 73   | 94                  | 7                                       | 329                           | 326                 | 1.33           | 1.06       |
| HAWAII                                | 73   | 88                  | 1                                       | 173                           | 92                  | .50            | .40        |
| HAWAII                                | 73   | 90                  | 2                                       | 225                           | 168                 | 1.16           | .93        |
| HAWAII                                | 73   | 97                  |   | 104                           | 101                 | .73            | .58        |
| HAWAII                                | 73   | 98                  |   | 67                            | 60                  | .53            | .42        |
| 061 EASTERN IDAHO                     |      | ** PRIORITY 1       | **                                      | AS OF JUNE 07, 1974           |                     |                |            |
| IDAHO                                 | 73   | 56                  | 10                                      | 275                           | 266                 | *              | *          |
| IDAHO                                 | 73   | 23                  |   | 41                            | 25                  | *              | *          |
| IDAHO                                 | 73   | 84                  | 3                                       | 153                           | 151                 | .71            | .57        |
| IDAHO                                 | 73   | 92                  | 33                                      | 656                           | 452                 | 1.41           | 1.13       |
| IDAHO                                 | 73   | 78                  | 16                                      | 302                           | 278                 | *              | *          |
| IDAHO                                 | 73   | 61                  | 7                                       | 329                           | 274                 | *              | *          |
| 062 EASTERN WASHINGTON-NORTHERN IDAHO |      | ** PRIORITY 1       | **                                      | AS OF JUNE 07, 1974           |                     |                |            |
| IDAHO                                 | 73   | 94                  | 7                                       | 270                           | 222                 | 1.18           | .94        |
| IDAHO                                 | 73   | 77                  | 21                                      | 481                           | 316                 | *              | *          |



**Table A-1 (continued) . SUSPENDED PARTICULATE DATA**

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION         | YEAR | NO. OF VALID VALUES | NO. OF 24-HR VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUE UG/CU.M. | RATIOS TO ANN. STDS. |                     | A N N U A L MEAN UG/CU.M. |
|------------------------------------|------|---------------------|--|------------------------------|----------------------|---------------------|---------------------------|
|                                    |      |                     |  |                              | 1ST SEC. PRI.        | 2ND SEC. PRI.       |                           |
| 063 IDAHO (REMAINDER)              |      |                     |  |                              |                      |                     |                           |
| IDAHO                              | 73   | 78                  | 32                                     | 7                            | 450                  | 2.13                | 1.70                      |
| IDAHO                              | 73   | 18                  | 1                                      | 1                            | 431                  | *                   | *                         |
| IDAHO                              | 73   | 63                  | 33                                     | 5                            | 474                  | *                   | *                         |
| IDAHO                              | 73   | 189                 | 77                                     | 8                            | 558                  | 2.11                | 1.69                      |
| IDAHO                              | 73   | 29                  | 5                                      |                              | 176                  | *                   | *                         |
| IDAHO                              | 73   | 68                  | 33                                     | 12                           | 496                  | 2.33                | 1.86                      |
| WASHINGTON                         | 73   | 18                  | 2                                      | 1                            | 269                  | *                   | *                         |
| WASHINGTON                         | 73   | 61                  | 7                                      | 1                            | 638                  | 2.21                | 1.08                      |
| WASHINGTON                         | 73   | 61                  |  |                              | 71                   | .53                 | .42                       |
| WASHINGTON                         | 73   | 62                  |  |                              | 105                  | .97                 | .48                       |
| WASHINGTON                         | 73   | 48                  | 2                                      |                              | 260                  | 2.49                | .81                       |
| WASHINGTON                         | 73   | 61                  |  |                              | 148                  | 1.42                | 1.00                      |
| WASHINGTON                         | 73   | 21                  | 9                                      | 1                            | 269                  | *                   | *                         |
| WASHINGTON                         | 73   | 60                  | 6                                      | 1                            | 403                  | 2.17                | 1.26                      |
| WASHINGTON                         | 73   | 58                  | 10                                     | 2                            | 286                  | 2.63                | 1.28                      |
|                                    |      |                     | ** PRIORITY 1                          | **                           |                      | AS OF JUNE 07, 1974 |                           |
| 064 METROPOLITAN BOISE (IDAHO)     |      |                     |  |                              |                      |                     |                           |
| IDAHO                              | 73   | 64                  | 16                                     | 5                            | 508                  | *                   | *                         |
| IDAHO                              | 73   | 161                 | 2                                      | 2                            | 468                  | *                   | *                         |
| IDAHO                              | 73   | 29                  |  |                              | 121                  | *                   | *                         |
|                                    |      |                     | ** PRIORITY 2                          | **                           |                      | AS OF JUNE 07, 1974 |                           |
| IDAHO                              | 73   | 97                  | 5                                      | 1                            | 189                  | .86                 | .69                       |
| IDAHO                              | 73   | 24                  | 5                                      |                              | 303                  | *                   | *                         |
| IDAHO                              | 73   | 71                  | 14                                     | 4                            | 302                  | 1.68                | 1.34                      |
| IDAHO                              | 73   | 91                  | 22                                     | 3                            | 452                  | 2.90                | 1.75                      |
| IDAHO                              | 73   | 223                 | 5                                      |                              | 178                  | 1.75                | .70                       |
| IDAHO                              | 73   | 75                  | 26                                     | 12                           | 365                  | 3.63                | 2.10                      |
| IDAHO                              | 73   | 86                  | 14                                     | 4                            | 294                  | 2.62                | 1.46                      |
|                                    |      |                     | ** PRIORITY 1                          | **                           |                      | AS OF JUNE 07, 1974 |                           |
| 065 BURLINGTON-KEOKUK (ILL-IOWA)   |      |                     |  |                              |                      |                     |                           |
| ILLINOIS                           | 73   | 24                  | 2                                      |                              | 191                  | *                   | *                         |
| IOWA                               | 73   | 61                  | 8                                      | 1                            | 265                  | 2.24                | .66                       |
| IOWA                               | 73   | 50                  | 14                                     | 4                            | 648                  | 4.05                | *                         |
|                                    |      |                     | ** PRIORITY 1                          | **                           |                      | AS OF JUNE 07, 1974 |                           |
| 067 METROPOLITAN CHICAGO (ILL-IND) |      |                     |  |                              |                      |                     |                           |
| ILLINOIS                           | 73   | 139                 | 31                                     | 2                            | 276                  | 2.70                | 1.63                      |
| ILLINOIS                           | 73   | 139                 | 10                                     |                              | 253                  | 2.43                | 1.21                      |
| ILLINOIS                           | 73   | 24                  | 1                                      |                              | 212                  | 1.48                | *                         |

**Table A-1 (continued) . . . SUSPENDED PARTICULATE DATA**  
 METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION | CHICAGO (ILL-IND)              | YEAR | NO. OF VALID VALUES | NO. OF VALUES EXC'D G SEC. | NC. OF 24-HR STOS. PRI. | HIGHEST 24-HR. VALUES UG/CU.M. | RATIOS TO ANN. STDS. PFI. UG/CU.M. |      | AS OF JUNE 07, 1974 |
|----------------------------|--------------------------------|------|---------------------|----------------------------|-------------------------|--------------------------------|------------------------------------|------|---------------------|
|                            |                                |      |                     |                            |                         |                                | 1ST                                | 2ND  |                     |
| ILLINOIS                   | 14 1220002 A10 CHICAGO         | 73   | 31                  | 21                         | 3                       | 697                            | 611                                | *    | *                   |
| ILLINOIS                   | 14 1220003 H01 CHICAGO         | 73   | 100                 | 9                          |                         | 225                            | 223                                | 1.21 | .97                 |
| ILLINOIS                   | 14 1220004 H01 CHICAGO         | 73   | 99                  | 9                          |                         | 190                            | 189                                | 1.35 | 1.08                |
| ILLINOIS                   | 14 1220005 H01 CHICAGO         | 73   | 106                 | 24                         |                         | 239                            | 236                                | 1.78 | 1.42                |
| ILLINOIS                   | 14 1220006 H01 CHICAGO         | 73   | 135                 | 10                         | 1                       | 385                            | 211                                | 1.41 | 1.13                |
| ILLINOIS                   | 14 1220007 H01 CHICAGO         | 73   | 99                  | 4                          |                         | 234                            | 203                                | 1.35 | 1.08                |
| ILLINOIS                   | 14 1220009 H01 CHICAGO         | 73   | 99                  | 3                          |                         | 178                            | 155                                | 1.28 | 1.02                |
| ILLINOIS                   | 14 1220010 H01 CHICAGO         | 73   | 103                 | 7                          |                         | 234                            | 196                                | 1.30 | 1.04                |
| ILLINOIS                   | 14 1220011 H01 CHICAGO         | 73   | 100                 | 6                          |                         | 197                            | 196                                | 1.18 | .94                 |
| ILLINOIS                   | 14 1220012 H01 CHICAGO         | 73   | 104                 | 36                         | 7                       | 359                            | 338                                | 2.08 | 1.66                |
| ILLINOIS                   | 14 1220013 H01 CHICAGO         | 73   | 89                  | 21                         | 3                       | 324                            | 277                                | 1.73 | 1.38                |
| ILLINOIS                   | 14 1220014 H01 CHICAGO         | 73   | 87                  | 8                          |                         | 212                            | 183                                | 1.31 | 1.05                |
| ILLINOIS                   | 14 1220015 H01 CHICAGO         | 73   | 102                 | 12                         |                         | 200                            | 177                                | 1.46 | 1.17                |
| ILLINOIS                   | 14 1220016 H01 CHICAGO         | 73   | 130                 | 5                          | 1                       | 329                            | 200                                | 1.36 | 1.09                |
| ILLINOIS                   | 14 1220017 H01 CHICAGO         | 73   | 134                 | 8                          | 2                       | 368                            | 282                                | 1.33 | 1.06                |
| ILLINOIS                   | 14 1220018 H01 CHICAGO         | 73   | 48                  | 9                          |                         | 254                            | 245                                | *    | *                   |
| ILLINOIS                   | 14 1220019 H01 CHICAGO         | 73   | 84                  | 9                          |                         | 207                            | 194                                | 1.50 | 1.20                |
| ILLINOIS                   | 14 1220020 H01 CHICAGO         | 73   | 69                  |                            |                         | 130                            | 129                                | 1.05 | .84                 |
| ILLINOIS                   | 14 1220021 H01 CHICAGO         | 73   | 89                  | 11                         |                         | 222                            | 198                                | 1.51 | 1.21                |
| ILLINOIS                   | 14 1220022 H01 CHICAGO         | 73   | 79                  | 41                         | 18                      | 463                            | 422                                | 2.73 | 2.18                |
| ILLINOIS                   | 14 1220025 H01 CHICAGO         | 73   | 104                 | 7                          |                         | 219                            | 206                                | 1.21 | .97                 |
| ILLINOIS                   | 14 1220028 H01 CHICAGO         | 73   | 93                  | 4                          |                         | 180                            | 179                                | 1.26 | 1.01                |
| ILLINOIS                   | 14 1220029 H01 CHICAGO         | 73   | 89                  | 1                          |                         | 158                            | 144                                | 1.05 | .84                 |
| ILLINOIS                   | 14 1220030 H01 CHICAGO         | 73   | 87                  | 15                         | 2                       | 293                            | 292                                | 1.33 | 1.22                |
| ILLINOIS                   | 14 1220031 H01 CHICAGO         | 73   | 89                  | 31                         | 6                       | 342                            | 299                                | 2.03 | 1.62                |
| ILLINOIS                   | 14 1220032 H01 CHICAGO         | 73   | 85                  | 4                          | 1                       | 336                            | 205                                | 1.11 | .89                 |
| ILLINOIS                   | 14 1220034 H01 CHICAGO         | 73   | 33                  | 1                          |                         | 152                            | 150                                | *    | *                   |
| ILLINOIS                   | 14 1240001 G01 CHICAGO HEIGHTS | 73   | 131                 | 1                          |                         | 173                            | 143                                | 1.00 | .80                 |
| ILLINOIS                   | 14 1340001 G01 CICERO          | 73   | 139                 | 17                         |                         | 222                            | 218                                | 1.48 | 1.18                |
| ILLINOIS                   | 14 1540001 G01 COOK COUNTY     | 73   | 128                 | 17                         |                         | 212                            | 211                                | 1.53 | 1.22                |
| ILLINOIS                   | 14 1840001 G01 DES PLAINES     | 73   | 132                 | 4                          |                         | 180                            | 180                                | 1.01 | .81                 |
| ILLINOIS                   | 14 2520001 G01 FLOSSMOOR       | 73   | 138                 | 2                          |                         | 196                            | 170                                | 1.00 | .80                 |
| ILLINOIS                   | 14 2620001 G01 FRANKLIN PARK   | 73   | 99                  | 5                          |                         | 248                            | 180                                | *    | *                   |
| ILLINOIS                   | 14 3180001 G01 HARVEY          | 73   | 136                 | 9                          |                         | 236                            | 196                                | 1.25 | 1.00                |
| ILLINOIS                   | 14 3420001 G01 HILLSIDE        | 73   | 139                 | 7                          |                         | 199                            | 184                                | 1.15 | .92                 |
| ILLINOIS                   | 14 3760001 A01 JOLIET          | 73   | 26                  |                            |                         | 132                            | 127                                | *    | *                   |
| ILLINOIS                   | 14 4960001 G01 MAYWOOD         | 73   | 139                 | 12                         |                         | 223                            | 219                                | 1.40 | 1.12                |
| ILLINOIS                   | 14 5080001 G01 MIDLOTHIAN      | 73   | 137                 | 1                          |                         | 175                            | 150                                | .96  | .77                 |
| ILLINOIS                   | 14 5540001 G01 NILES           | 73   | 122                 | 3                          |                         | 195                            | 193                                | 1.13 | .90                 |
| ILLINOIS                   | 14 5620002 A01 NORTH CHICAGO   | 73   | 26                  | 1                          |                         | 177                            | 120                                | *    | *                   |
| ILLINOIS                   | 14 5740001 G01 OAK PARK        | 73   | 139                 | 1                          |                         | 176                            | 136                                | .90  | .72                 |
| ILLINOIS                   | 14 5860001 G01 ORLAND PARK     | 73   | 137                 | 4                          |                         | 190                            | 172                                | .95  | .76                 |
| ILLINOIS                   | 14 5900001 G01 PALATINE        | 73   | 127                 |                            |                         | 149                            | 120                                | .73  | .58                 |
| ILLINOIS                   | 14 6000001 G01 PARK FOREST     | 73   | 137                 | 1                          |                         | 173                            | 144                                | .86  | .69                 |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 11110191

| A I K<br>QUALITY<br>CONTROL<br>REGION    | YEAR<br>19-- | NO. OF<br>VALID<br>VALUES | NO. OF<br>DAILY<br>VALUES EXC'D *G<br>24-HR STDS.<br>SEC. | NC. OF<br>DAILY<br>VALUES EXC'D *G<br>24-HR STDS.<br>SEC. | HIGHEST<br>24-HR VALUES<br>UG/CM. M.<br>1ST | AS OF JUNE 07, 1974 |      | A V E R A G E<br>R A T I O S T O<br>G E O M.<br>M E A N<br>ANN. STDS<br>SEC. PRI. UG/CM. M. |     |
|--|--------------|---------------------------|---|---|---|---------------------|------|---|-----|
|  |              |                           |   |   |   | 1ST                 | 2ND  | 1.15  | .90 |
| 067 METROPOLITAN CHICAGO (ILL-IND)       |              |                           |   |   |   |                     |      |   |     |
| ILLINOIS                                 | 73           | 138                       | 3   | 1   | 176   | 171                 | 1.15 | .90   | 68  |
| ILLINOIS                                 | 73           | 139                       | 1   | 1   | 173   | 109                 | .70  | .56   | 42  |
| INDIANA                                  | 73           | 16                        |   |   | 86  | 76                  | *    | *   |     |
| INDIANA                                  | 73           | 8                         |   |   | 82  | 76                  | *    | *   |     |
| INDIANA                                  | 73           | 29                        | 10  |   | 256   | 214                 | *    | *   |     |
| INDIANA                                  | 73           | 53                        | 16  |   | 313   | 231                 | 2.01 | 1.61  | 121 |
| INDIANA                                  | 73           | 53                        | 17  |   | 388   | 383                 | 2.08 | 1.66  | 125 |
| INDIANA                                  | 73           | 52                        | 29  |   | 430   | 354                 | 2.55 | 2.04  | 153 |
| INDIANA                                  | 73           | 58                        | 27  |   | 386   | 308                 | 1.75 | 1.40  | 105 |
| INDIANA                                  | 73           | 57                        | 7   |   | 888   | 182                 | 1.28 | 1.02  | 77  |
| INDIANA                                  | 73           | 57                        | 3   |   | 228   | 164                 | *    | *   |     |
| INDIANA                                  | 73           | 22                        | 2   |   | 286   | 285                 | *    | *   |     |
| INDIANA                                  | 73           | 44                        | 7   |   | 281   | 267                 | 1.61 | 1.29  | 97  |
| INDIANA                                  | 73           | 47                        | 8   |   | 243   | 196                 | *    | *   |     |
| INDIANA                                  | 73           | 45                        | 9   |   | 389   | 352                 | 1.90 | 1.52  | 114 |
| INDIANA                                  | 73           | 272                       | 72  | 11  | 171   | 111                 | .98  | .78   | 59  |
| INDIANA                                  | 73           | 48                        | 1   |   | 172   | 112                 | 1.05 | .84   | 63  |
| INDIANA                                  | 73           | 47                        | 1   |   | 235   | 160                 | 1.50 | 1.20  | 90  |
| INDIANA                                  | 73           | 48                        | 5   |   | 221   | 170                 | 1.45 | 1.16  | 87  |
| INDIANA                                  | 73           | 52                        | 4   |   | 243   | 175                 | 1.71 | 1.37  | 103 |
| INDIANA                                  | 73           | 40                        | 8   |   | 151   | 146                 | *    | *   |     |
| INDIANA                                  | 73           | 19                        | 1   |   | 199   | 147                 | 1.21 | .97   | 73  |
| INDIANA                                  | 73           | 57                        | 1   |   | 125   | 112                 | *    | *   |     |
| INDIANA                                  | 73           | 28                        |   |   | 164   | 142                 | 1.10 | .88   | 66  |
| INDIANA                                  | 73           | 57                        | 1   |   | 350   | 251                 | 1.82 | 1.46  | 110 |
| INDIANA                                  | 73           | 57                        | 13  | 1   | 340   | 168                 | 1.30 | 1.04  | 78  |
| INDIANA                                  | 73           | 55                        | 3   | 1   | 189   | 167                 | 1.08 | .86   | 65  |
| INDIANA                                  | 73           | 49                        | 3   |   | 114   | 83                  | *    | *   |     |
| INDIANA                                  | 73           | 32                        |   |   | 95  | 82                  | *    | *   |     |
| INDIANA                                  | 73           | 13                        |   |   | 82  | 82                  | *    | *   |     |
| INDIANA                                  | 73           | 16                        |   |   | 65  | 63                  | *    | *   |     |
| INDIANA                                  | 73           | 14                        |   |   | 128   | 94                  | *    | *   |     |
| INDIANA                                  | 73           | 9                         |   |   | 106   | 94                  | *    | *   |     |
| INDIANA                                  | 73           | 14                        |   |   | 102   | 74                  | *    | *   |     |
| INDIANA                                  | 73           | 11                        |   |   | 138   | 72                  | *    | *   |     |
| INDIANA                                  | 73           | 17                        |   |   | 201   | 123                 | *    | *   |     |
| INDIANA                                  | 73           | 6                         | 1   |   |   |                     | *    | *   |     |
| 068 METROPOLITAN DUBUQUE (ILL-INDA-WISC) |              |                           |   |   |   |                     |      |   |     |
| IOWA                                     | 73           | 22                        | 2   |   | 215   | 206                 | *    | *   |     |
| IOWA                                     | 73           | 19                        | 2   |   | 214   | 189                 | *    | *   |     |
| IOWA                                     | 73           | 5                         |   |   | 102   | 53                  | *    | *   |     |
| WISCONSIN                                | 73           | 26                        |   |   | 82  | 75                  | *    | *   |     |
| WISCONSIN                                | 73           | 60                        |   |   | 71  | 70                  | .51  | .41   | 31  |

**Table A-1 (continued). SUSPENDED PARTICULATE DATA**

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIP QUALITY CONTROL REGION                     | STATE | COUNTY  | CITY                        | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'D'G 24-HR STDS. SEC. PRI. | HIGHEST 24-HR VALUES UG/CU.M. | AS OF JUNE 07, 1974 |      | RATIOS TO ANNUAL GEOM. MEAN |
|--|-------|---------|-----------------------------|------|---------------------|---|-------------------------------|---------------------|------|-----------------------------|
|  |       |         |                             |      |                     |   |                               | 1ST                 | 2ND  |                             |
| <b>069 METROPOLITAN QUAD CITIES (ILL-IOWA)</b> |       |         |                             |      |                     |   |                               |                     |      |                             |
| ILLINOIS                                       | 14    | 5120001 | A01 MULINE                  | 73   | 24                  | 2   | 159                           | 157                 | *    | *                           |
| ILLINOIS                                       | 14    | 6700001 | A01 ROCK ISLAND             | 73   | 21                  | 3   | 232                           | 174                 | *    | *                           |
| IOWA   | 16    | 0920011 | F01 CLINTON                 | 73   | 59                  |   | 121                           | 93                  | .56  | .45                         |
| IOWA   | 16    | 1060001 | A01 DAVENPORT               | 73   | 23                  | 4   | 292                           | 246                 | *    | *                           |
| IOWA   | 16    | 1060001 | P01 DAVENPORT               | 73   | 5                   | 1   | 156                           | 81                  | *    | *                           |
| IOWA   | 16    | 1060009 | F01 DAVENPORT               | 73   | 57                  | 15  | 228                           | 220                 | 1.66 | 1.33                        |
| <b>070 METROPOLITAN ST. LOUIS (ILL-MO)</b>     |       |         |                             |      |                     |   |                               |                     |      |                             |
| ILLINOIS                                       | 14    | 2120004 | A01 E ST LOUIS              | 73   | 21                  | 2   | 202                           | 172                 | *    | *                           |
| MISSOURI                                       | 26    | 0030001 | G01 AFTON                   | 73   | 47                  | 1   | 164                           | 149                 | 1.20 | .96                         |
| MISSOURI                                       | 26    | 0200001 | G01 BELLEFONTAINE NEIGHBORS | 73   | 43                  |   | 149                           | 130                 | 1.18 | .94                         |
| MISSOURI                                       | 26    | 0200002 | G01 BELLEFONTAINE NEIGHBORS | 73   | 43                  |   | 88                            | 87                  | .78  | .62                         |
| MISSOURI                                       | 26    | 0260001 | G01 BERKELEY                | 73   | 52                  | 2   | 198                           | 184                 | .90  | .72                         |
| MISSOURI                                       | 26    | 1040002 | G01 CLAYTON                 | 73   | 38                  | 1   | 190                           | 166                 | *    | *                           |
| MISSOURI                                       | 26    | 2280005 | F01 JEFFERSON COUNTY        | 73   | 27                  | 4   | 272                           | 252                 | *    | *                           |
| MISSOURI                                       | 26    | 2630002 | G01 JENNINGS                | 73   | 49                  |   | 147                           | 127                 | 1.13 | .90                         |
| MISSOURI                                       | 26    | 2630003 | G01 LEMAY                   | 73   | 44                  |   | 133                           | 121                 | 1.03 | .82                         |
| MISSOURI                                       | 26    | 2320001 | G01 ST ANN                  | 73   | 43                  | 10  | 484                           | 326                 | 1.70 | 1.36                        |
| MISSOURI                                       | 26    | 4120001 | G01 ST ANN                  | 73   | 55                  |   | 116                           | 110                 | .96  | .77                         |
| MISSOURI                                       | 26    | 4140001 | F01 ST. CHARLES CITY        | 73   | 6                   | 3   | 57                            | 52                  | *    | *                           |
| MISSOURI                                       | 26    | 4280001 | P01 ST LOUIS                | 73   | 24                  |   | 166                           | 158                 | *    | *                           |
| MISSOURI                                       | 26    | 4280001 | P01 ST LOUIS                | 73   | 5                   |   | 138                           | 90                  | *    | *                           |
| MISSOURI                                       | 26    | 4280002 | A10 ST LOUIS                | 73   | 33                  | 7   | 224                           | 206                 | *    | *                           |
| MISSOURI                                       | 26    | 4280002 | P01 ST LOUIS                | 73   | 6                   |   | 142                           | 101                 | *    | *                           |
| MISSOURI                                       | 26    | 4280006 | H01 ST LOUIS                | 73   | 14                  |   | 148                           | 124                 | *    | *                           |
| MISSOURI                                       | 26    | 4280007 | H01 ST LOUIS CITY           | 73   | 10                  | 2   | 201                           | 165                 | *    | *                           |
| MISSOURI                                       | 26    | 4280011 | H01 ST LOUIS                | 73   | 14                  |   | 97                            | 78                  | *    | *                           |
| MISSOURI                                       | 26    | 4280012 | H01 ST LOUIS                | 73   | 13                  |   | 146                           | 87                  | *    | *                           |
| MISSOURI                                       | 26    | 4280015 | H01 ST LOUIS                | 73   | 6                   |   | 108                           | 104                 | *    | *                           |
| MISSOURI                                       | 26    | 4280025 | H01 ST LOUIS                | 73   | 15                  |   | 124                           | 123                 | *    | *                           |
| MISSOURI                                       | 26    | 4280032 | H01 ST LOUIS                | 73   | 10                  | 1   | 163                           | 110                 | *    | *                           |
| MISSOURI                                       | 26    | 4280039 | H01 ST LOUIS                | 73   | 13                  |   | 133                           | 109                 | *    | *                           |
| MISSOURI                                       | 26    | 4280061 | H01 ST LOUIS                | 73   | 16                  | 4   | 227                           | 217                 | *    | *                           |
| MISSOURI                                       | 26    | 4300003 | G01 ST LOUIS COUNTY         | 73   | 45                  | 1   | 354                           | 134                 | .70  | .56                         |
| <b>072 PADUCAH-CATRO (ILL-KY)</b>              |       |         |                             |      |                     |   |                               |                     |      |                             |
| KENTUCKY                                       | 18    | 0100002 | F01 BALLARD COUNTY          | 73   | 56                  |   | 93                            | 91                  | .78  | .62                         |
| KENTUCKY                                       | 18    | 0100003 | F01 BALLARD COUNTY          | 73   | 58                  |   | 144                           | 119                 | .93  | .74                         |
| KENTUCKY                                       | 18    | 0560001 | F01 CARLISLE COUNTY         | 73   | 59                  |   | 95                            | 83                  | .65  | .52                         |
| KENTUCKY                                       | 18    | 0680002 | F01 CENTRAL CITY            | 73   | 48                  | 1   | 151                           | 120                 | *    | *                           |
| KENTUCKY                                       | 18    | 1340001 | F01 FULTON                  | 73   | 43                  | 2   | 173                           | 162                 | *    | *                           |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                  | YEAR                                      | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCD'G 24-HR STDS. SEC. | HIGHEST 24-HR VALUES UG/CU.M. 1ST SEC. | RATIOS TO ANN. STDS SEC. | A N N U A L |          |   |
|---|---|---------------------|---|--|--------------------------|-------------|----------|---|
|   |   |                     |   |  |                          | GEOM. MEAN  | UG/CU.M. |   |
| KENTUCKY                                    | 73  | 38                  | 2   | 197                                    | 159                      | *           | *        |   |
|   | 73  | 43                  |   | 130                                    | 118                      | *           | *        |   |
|   | 73  | 53                  | 1   | 303                                    | 117                      | .90         | .72      |   |
|   | 73  | 39                  |   | 128                                    | 122                      | *           | *        |   |
|   | 73  | 60                  | 3   | 241                                    | 168                      | 1.03        | .82      |   |
|   | 73  | 55                  | 2   | 239                                    | 220                      | .95         | .76      |   |
|   | 73  | 53                  |   | 109                                    | 106                      | .86         | .65      |   |
|   | 73  | 45                  |   | 133                                    | 119                      | *           | *        |   |
|   | 73  | 61                  |   | 102                                    | 101                      | .90         | .72      |   |
|   | 73  | 60                  | 2   | 173                                    | 173                      | 1.23        | .98      |   |
|   | 73  | 58                  | 2   | 176                                    | 165                      | 1.25        | 1.00     |   |
|   | 73  | 57                  |   | 123                                    | 119                      | .68         | .54      |   |
|   | 73  | 58                  | 6   | 244                                    | 206                      | 1.20        | .96      |   |
|   | 73  | 50                  |   | 134                                    | 124                      | *           | *        |   |
|   | ** PRIORITY 2 **                          |                     |   |  |                          |             |          |   |
|   | AS OF JUNE 07, 1974                       |                     |   |  |                          |             |          |   |
|   | 073 RUCKFORD-JANESVILLE-BELOIT (ILL-WISC) |                     |   |  |                          |             |          |   |
|   | ILLINOIS                                  | 73                  | 10  |  | 95                       | 76          | *        | * |
|   |   | 73                  | 40  |  | 119                      | 83          | *        | * |
|   |   | 73                  | 34  | 1                                      | 190                      | 141         | *        | * |
| 73  |   | 41                  |   | 77                                     | 77                       | *           | *        |   |
| ** PRIORITY 1 **                            |   |                     |   |  |                          |             |          |   |
| AS OF JUNE 07, 1974                         |   |                     |   |  |                          |             |          |   |
| 075 WEST CENTRAL ILLINOIS                   |   |                     |   |  |                          |             |          |   |
| ILLINOIS                                    | 73  | 26                  |   | 126                                    | 98                       | *           | *        |   |
|   | ** PRIORITY 2 **                          |                     |   |  |                          |             |          |   |
| AS OF JUNE 07, 1974                         |   |                     |   |  |                          |             |          |   |
| 076 EAST CENTRAL INDIANA                    |   |                     |   |  |                          |             |          |   |
| INDIANA                                     | 73  | 15                  |   | 147                                    | 108                      | *           | *        |   |
|   | 73  | 22                  |   | 130                                    | 120                      | 1.16        | .93      |   |
|   | 73  | 25                  |   | 126                                    | 108                      | *           | *        |   |
|   | 73  | 25                  | 1   | 165                                    | 136                      | *           | *        |   |
|   | 73  | 24                  |   | 99                                     | 82                       | *           | *        |   |
|   | 73  | 26                  |   | 85                                     | 79                       | *           | *        |   |
|   | 73  | 25                  |   | 129                                    | 125                      | *           | *        |   |
|   | ** PRIORITY 1 **                          |                     |   |  |                          |             |          |   |
| AS OF JUNE 07, 1974                         |   |                     |   |  |                          |             |          |   |
| 077 EVANSVILLE-CHENSBORO-FENDERSON (IND-KY) |   |                     |   |  |                          |             |          |   |
| INDIANA                                     | 73  | 24                  |   | 147                                    | 136                      | *           | *        |   |
|   | 73  | 31                  |   | 122                                    | 113                      | *           | *        |   |
|   | 73  | 58                  | 1   | 184                                    | 93                       | .75         | .60      |   |
|   | 73  | 55                  | 7   | 209                                    | 193                      | 1.31        | 1.05     |   |
|   | 73  | 53                  | 2   | 167                                    | 159                      | .93         | .74      |   |
|   | 73  | 53                  |   | 145                                    | 144                      | 1.28        | 1.02     |   |
|   | 73  | 34                  |   |  |                          |             |          |   |
|   | ** PRIORITY 1 **                          |                     |   |  |                          |             |          |   |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 11110191

| AIR QUALITY CONTROL REGION | YEAR | NO. OF VALU | NC. OF DAILY VALU | HIGHEST 24-HR VALU | RATIOS TO |      | ANN. STDS | MEAN |
|----------------------------|------|-------------|-------------------|--------------------|-----------|------|-----------|------|
|                            |      |             |                   |                    | 1ST       | 2ND  |           |      |
| KENTUCKY                   | 73   | 61          | 1                 | 162                | 139       | 1.06 | .85       | 64   |
| KENTUCKY                   | 73   | 61          | 1                 | 119                | 117       | .98  | .78       | 59   |
| KENTUCKY                   | 73   | 56          | 1                 | 177                | 137       | 1.35 | 1.08      | 81   |
| KENTUCKY                   | 73   | 50          | 2                 | 138                | 128       | 1.05 | .84       | 63   |
| KENTUCKY                   | 73   | 59          | 8                 | 198                | 156       | 1.10 | .88       | 66   |
| KENTUCKY                   | 73   | 34          | 1                 | 271                | 192       | 1.56 | 1.25      | 94   |
| KENTUCKY                   | 73   | 14          | 2                 | 107                | 81        | *    | *         | *    |
| KENTUCKY                   | 73   | 34          | 4                 | 197                | 170       | *    | *         | *    |
| KENTUCKY                   | 73   | 26          | 1                 | 222                | 173       | *    | *         | *    |
| KENTUCKY                   | 73   | 46          | 1                 | 207                | 150       | *    | *         | *    |
| KENTUCKY                   | 73   | 59          | 7                 | 182                | 113       | .83  | .66       | 50   |
| KENTUCKY                   | 73   | 54          | 6                 | 398                | 220       | 1.61 | 1.29      | 97   |
| KENTUCKY                   | 73   | 52          | 2                 | 374                | 270       | 1.56 | 1.25      | 94   |
| KENTUCKY                   | 73   | 59          | 6                 | 221                | 190       | 1.11 | .89       | 67   |
| KENTUCKY                   | 73   | 58          | 4                 | 243                | 165       | 1.20 | .96       | 72   |
| KENTUCKY                   | 73   | 60          | 25                | 150                | 139       | 1.13 | .90       | 68   |
| KENTUCKY                   | 73   | 60          | 1                 | 307                | 253       | 2.40 | 1.92      | 144  |

078 LOUISVILLE (IND-KY)

| AIR QUALITY CONTROL REGION | YEAR | NO. OF VALU | NC. OF DAILY VALU | HIGHEST 24-HR VALU | RATIOS TO |      | ANN. STDS | MEAN |
|----------------------------|------|-------------|-------------------|--------------------|-----------|------|-----------|------|
|                            |      |             |                   |                    | 1ST       | 2ND  |           |      |
| INDIANA                    | 73   | 38          | 6                 | 274                | 261       | *    | *         | *    |
| KENTUCKY                   | 73   | 22          | 3                 | 175                | 167       | *    | *         | *    |
| KENTUCKY                   | 73   | 51          | 6                 | 148                | 119       | 1.01 | .81       | 61   |
| KENTUCKY                   | 73   | 59          | 1                 | 176                | 164       | 1.38 | 1.10      | 83   |
| KENTUCKY                   | 73   | 22          | 1                 | 177                | 124       | *    | *         | *    |
| KENTUCKY                   | 73   | 16          | 3                 | 212                | 163       | *    | *         | *    |
| KENTUCKY                   | 73   | 20          | 3                 | 179                | 178       | *    | *         | *    |
| KENTUCKY                   | 73   | 58          | 5                 | 266                | 235       | 1.35 | 1.08      | 81   |
| KENTUCKY                   | 73   | 53          | 30                | 514                | 437       | 2.70 | 2.16      | 162  |
| KENTUCKY                   | 73   | 45          | 2                 | 320                | 174       | *    | *         | *    |
| KENTUCKY                   | 73   | 46          | 3                 | 159                | 155       | 1.43 | 1.14      | 86   |
| KENTUCKY                   | 73   | 57          | 1                 | 166                | 128       | 1.13 | .90       | 68   |
| KENTUCKY                   | 73   | 24          | 1                 | 166                | 132       | *    | *         | *    |
| KENTUCKY                   | 73   | 57          | 1                 | 115                | 114       | .96  | .77       | 58   |
| KENTUCKY                   | 73   | 24          | 7                 | 189                | 181       | *    | *         | *    |
| KENTUCKY                   | 73   | 56          | 8                 | 112                | 102       | *    | *         | *    |
| KENTUCKY                   | 73   | 59          | 13                | 304                | 268       | 1.75 | 1.40      | 105  |
| KENTUCKY                   | 73   | 9           | 1                 | 112                | 101       | .80  | .64       | 48   |
| KENTUCKY                   | 73   | 20          | 1                 | 158                | 106       | *    | *         | *    |
| KENTUCKY                   | 73   | 52          | 2                 | 111                | 109       | *    | *         | *    |
| KENTUCKY                   | 73   | 52          | 2                 | 197                | 162       | 1.26 | 1.01      | 76   |

AS OF JUNE 07, 1974

\*\* PRIORITY 1 \*\*

**Table A-1 (continued). SUSPENDED PARTICULATE DATA**

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION | COUNTY                                | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEEDING 24-HR STDS. SEC. | PRIORITY         | HIGHEST 24-HR VALUES UG/CU-M. |     | RATIOS TO ANN. STDS. SEC. |      | AS OF JUNE 07, 1974 | A N N U A L GEOM. MEAN UG/CU-M. |
|----------------------------|---------------------------------------|------|---------------------|--|------------------|-------------------------------|-----|---------------------------|------|---------------------|---------------------------------|
|                            |                                       |      |                     |  |                  | 1ST                           | 2ND | 1ST                       | 2ND  |                     |                                 |
| 679                        | METROPOLITAN CINCINNATI (IND-KY-OHIO) |      |                     |  | ** PRIORITY 1 ** |                               |     |                           |      |                     |                                 |
| INDIANA                    | 15 2460001 F01 LAWRENCEBURG           | 73   | 36                  | 1  | 1                | 208                           | 147 | *                         | *    |                     |                                 |
| KENTUCKY                   | 18 0030001 F01 ALEXANDRIA             | 73   | 59                  | 3  | 1                | 274                           | 154 | 1.08                      | .86  |                     | 65                              |
| KENTUCKY                   | 18 0280001 F01 BOONE COUNTY           | 73   | 60                  | 1  | 1                | 151                           | 119 | 1.05                      | .84  |                     | 63                              |
| KENTUCKY                   | 18 0580002 F01 BOONE COUNTY           | 73   | 58                  | 1  | 1                | 170                           | 132 | .93                       | .74  |                     | 56                              |
| KENTUCKY                   | 18 0580001 F03 CARROLL COUNTY         | 73   | 59                  |  |                  | 90                            | 86  | .66                       | .53  |                     | 40                              |
| KENTUCKY                   | 18 0600001 F01 CARRINGTON             | 73   | 54                  |  |                  | 123                           | 110 | .80                       | .64  |                     | 48                              |
| KENTUCKY                   | 18 0800001 A01 COVINGTON              | 73   | 15                  |  |                  | 140                           | 92  | *                         | *    |                     |                                 |
| KENTUCKY                   | 18 1100001 F01 COVINGTON              | 73   | 58                  | 1  | 1                | 164                           | 148 | 1.23                      | .98  |                     | 74                              |
| KENTUCKY                   | 18 1140001 F01 FALMOUTH               | 73   | 60                  |  |                  | 126                           | 125 | .93                       | .74  |                     | 56                              |
| KENTUCKY                   | 18 1220001 F01 FLORENCE               | 73   | 60                  |  |                  | 103                           | 80  | .68                       | .54  |                     | 41                              |
| KENTUCKY                   | 18 1255001 F01 FORT MITCHELL          | 73   | 61                  |  |                  | 114                           | 112 | .83                       | .66  |                     | 50                              |
| KENTUCKY                   | 18 1255002 F01 FORT MITCHELL          | 73   | 38                  |  |                  | 126                           | 99  | *                         | *    |                     |                                 |
| KENTUCKY                   | 18 1255002 F01 FORT THOMAS            | 73   | 12                  |  |                  | 79                            | 78  | *                         | *    |                     |                                 |
| KENTUCKY                   | 18 1380001 F03 GALLATIN COUNTY        | 73   | 60                  | 3  | 3                | 170                           | 168 | 1.10                      | .88  |                     | 66                              |
| KENTUCKY                   | 18 3020001 F01 NEWPORT                | 73   | 60                  |  |                  | 137                           | 127 | .85                       | .68  |                     | 51                              |
| KENTUCKY                   | 18 3120001 F01 OHEN COUNTY            | 73   | 60                  | 20   | 20               | 234                           | 226 | 2.00                      | 1.60 |                     | 120                             |
| OHIO                       | 36 1220001 A01 CINCINNATI             | 73   | 59                  |  |                  | 119                           | 113 | .85                       | .68  |                     | 51                              |
| OHIO                       | 36 1220001 H01 CINCINNATI             | 73   | 26                  |  |                  | 118                           | 114 | *                         | *    |                     |                                 |
| OHIO                       | 36 1220002 H01 CINCINNATI             | 73   | 55                  |  |                  | 140                           | 138 | 1.21                      | .97  |                     | 73                              |
| OHIO                       | 36 1220002 H01 CINCINNATI             | 73   | 55                  |  |                  | 127                           | 117 | .95                       | .76  |                     | 57                              |
| OHIO                       | 36 1220003 A10 CINCINNATI             | 73   | 32                  | 5  | 1                | 338                           | 184 | *                         | *    |                     |                                 |
| OHIO                       | 36 1220011 H01 CINCINNATI             | 73   | 54                  |  |                  | 173                           | 121 | 1.15                      | .92  |                     | 69                              |
| OHIO                       | 36 1220013 H01 CINCINNATI             | 73   | 51                  |  |                  | 125                           | 121 | *                         | *    |                     |                                 |
| OHIO                       | 36 1220014 H01 CINCINNATI             | 73   | 50                  | 3  | 3                | 182                           | 155 | *                         | *    |                     |                                 |
| OHIO                       | 36 1220015 H01 CINCINNATI             | 73   | 49                  |  |                  | 128                           | 114 | 1.10                      | .88  |                     | 66                              |
| OHIO                       | 36 1220016 H01 CINCINNATI             | 73   | 51                  | 3  | 3                | 167                           | 162 | *                         | *    |                     |                                 |
| OHIO                       | 36 1220017 H01 CINCINNATI             | 73   | 50                  |  |                  | 117                           | 109 | *                         | *    |                     |                                 |
| OHIO                       | 36 1220018 H01 CINCINNATI             | 73   | 51                  |  |                  | 131                           | 120 | 1.08                      | .86  |                     | 65                              |
| OHIO                       | 36 1220019 H01 CINCINNATI             | 73   | 33                  | 2  | 2                | 209                           | 158 | *                         | *    |                     |                                 |
| OHIO                       | 36 1220020 H01 CINCINNATI             | 73   | 26                  |  |                  | 131                           | 130 | *                         | *    |                     |                                 |
| OHIO                       | 36 1280002 H01 CLERMONT COUNTY        | 73   | 53                  |  |                  | 124                           | 97  | 1.01                      | .81  |                     | 61                              |
| OHIO                       | 36 1280003 H01 CLERMONT COUNTY        | 73   | 53                  | 6  | 6                | 216                           | 193 | 1.31                      | 1.05 |                     | 79                              |
| OHIO                       | 36 2050001 H01 FAIRFAX                | 73   | 51                  | 1  | 1                | 167                           | 135 | *                         | *    |                     |                                 |
| OHIO                       | 36 2060001 H01 FAIRFIELD              | 73   | 49                  |  |                  | 133                           | 130 | *                         | *    |                     |                                 |
| OHIO                       | 36 2165001 H01 FOREST PARK            | 73   | 51                  |  |                  | 103                           | 99  | .76                       | .61  |                     | 46                              |
| OHIO                       | 36 2200002 H01 FRANKLIN               | 73   | 51                  | 1  | 1                | 154                           | 133 | *                         | *    |                     |                                 |
| OHIO                       | 36 2700002 H01 HAMILTON COUNTY        | 73   | 51                  |  |                  | 145                           | 137 | 1.16                      | .93  |                     | 70                              |
| OHIO                       | 36 2720001 H01 HAMILTON COUNTY        | 73   | 51                  |  |                  | 110                           | 106 | .88                       | .70  |                     | 53                              |
| OHIO                       | 36 2720002 H01 HAMILTON COUNTY        | 73   | 50                  |  |                  | 147                           | 135 | 1.21                      | .97  |                     | 73                              |
| OHIO                       | 36 2720003 H01 HAMILTON COUNTY        | 73   | 51                  | 3  | 3                | 184                           | 162 | *                         | *    |                     |                                 |
| OHIO                       | 36 2720004 H01 HAMILTON COUNTY        | 73   | 50                  |  |                  | 147                           | 142 | *                         | *    |                     |                                 |
| OHIO                       | 36 2720005 H01 HAMILTON COUNTY        | 73   | 55                  | 1  | 1                | 160                           | 150 | 1.31                      | 1.05 |                     | 79                              |
| OHIO                       | 36 2780001 H01 HARRISON               | 73   | 55                  | 1  | 1                | 151                           | 150 | 1.21                      | .97  |                     | 73                              |
| OHIO                       | 36 3400001 H01 LEBANON                | 73   | 52                  |  |                  | 121                           | 114 | *                         | *    |                     |                                 |

**Table A-1 (continued). SUSPENDED PARTICULATE DATA**

METHCC: GRAVIMETRIC, 24-HOUR FI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                              | CITY                          | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEED'G 24-HR STDS. PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | AS OF JUNE 07, 1974 |                    | ANN. STDS. MEAN UG/CU.M. | RATIOS TO GEOM. MEAN |
|---|-------------------------------|------|---------------------|---|-----------------------------------|---------------------|--------------------|--------------------------|----------------------|
|   |                               |      |                     |   |                                   | ** PRIORITY 1 **    |                    |                          |                      |
|   |                               |      |                     |   |                                   | 2ND                 | SEC. PRI. UG/CU.M. |                          |                      |
| <b>079 METROPOLITAN CINCINNATI (IND-KY-OHIO)</b>        |                               |      |                     |   |                                   |                     |                    |                          |                      |
| OHIO  | 36 3540001 H01 LOCKLAND       | 73   | 51                  | 16  | 388                               | 309                 | 1.88               | 1.50                     | 113                  |
| OHIO  | 36 3780001 H01 MADEIRA        | 73   | 48                  | 2   | 274                               | 151                 | *                  | *                        | *                    |
| OHIO  | 36 4340001 H01 MIDDLETOWN     | 73   | 50                  | 5   | 221                               | 211                 | 1.43               | 1.14                     | 86                   |
| OHIO  | 36 4340002 H01 MIDDLETOWN     | 73   | 48                  | 27  | 450                               | 351                 | *                  | *                        | *                    |
| OHIO  | 36 4340003 H01 MIDDLETOWN     | 73   | 51                  |   | 142                               | 123                 | *                  | *                        | *                    |
| OHIO  | 36 4360001 H01 MILFORD        | 73   | 48                  |   | 123                               | 119                 | *                  | *                        | *                    |
| OHIO  | 36 5360001 H01 NORWOOD        | 73   | 49                  | 1   | 163                               | 136                 | 1.21               | .97                      | 73                   |
| OHIO  | 36 5360001 H01 NORWOOD        | 73   | 50                  |   | 122                               | 113                 | *                  | *                        | *                    |
| OHIO  | 36 5880001 H01 ST BERNARD     | 73   | 49                  | 21  | 290                               | 260                 | *                  | *                        | *                    |
| OHIO  | 36 6140001 H01 SHARONVILLE    | 73   | 51                  |   | 126                               | 112                 | 1.06               | .85                      | 64                   |
| OHIO  | 36 7040001 H01 WARREN COUNTY  | 73   | 49                  |   | 90                                | 75                  | .63                | .50                      | 38                   |
| <b>080 METROPOLITAN INDIANAPOLIS (IND)</b>              |                               |      |                     |   |                                   |                     |                    |                          |                      |
| INDIANA   | 15 2040001 A01 INDIANAPOLIS   | 73   | 23                  | 3   | 185                               | 174                 | *                  | *                        | *                    |
| INDIANA   | 15 2040001 H01 INDIANAPOLIS   | 73   | 33                  | 2   | 160                               | 154                 | *                  | *                        | *                    |
| INDIANA   | 15 2040002 H01 INDIANAPOLIS   | 73   | 148                 | 7   | 239                               | 188                 | *                  | *                        | *                    |
| INDIANA   | 15 2040003 H01 INDIANAPOLIS   | 73   | 32                  | 6   | 256                               | 253                 | *                  | *                        | *                    |
| INDIANA   | 15 2040006 H01 INDIANAPOLIS   | 73   | 131                 | 2   | 176                               | 169                 | *                  | *                        | *                    |
| INDIANA   | 15 2040008 H01 INDIANAPOLIS   | 73   | 34                  |   | 120                               | 118                 | *                  | *                        | *                    |
| INDIANA   | 15 2040009 H01 INDIANAPOLIS   | 73   | 34                  |   | 144                               | 118                 | *                  | *                        | *                    |
| INDIANA   | 15 2040011 H01 INDIANAPOLIS   | 73   | 35                  | 4   | 186                               | 156                 | *                  | *                        | *                    |
| INDIANA   | 15 2040013 H01 INDIANAPOLIS   | 73   | 35                  |   | 146                               | 133                 | *                  | *                        | *                    |
| INDIANA   | 15 2040014 H01 INDIANAPOLIS   | 73   | 34                  | 1   | 231                               | 132                 | *                  | *                        | *                    |
| INDIANA   | 15 2040015 H01 INDIANAPOLIS   | 73   | 35                  | 2   | 199                               | 197                 | *                  | *                        | *                    |
| INDIANA   | 15 2040021 F01 INDIANAPOLIS   | 73   | 51                  | 2   | 171                               | 168                 | 1.16               | .93                      | 70                   |
| INDIANA   | 15 2040022 H01 INDIANAPOLIS   | 73   | 28                  |   | 150                               | 131                 | *                  | *                        | *                    |
| INDIANA   | 15 2040023 H01 INDIANAPOLIS   | 73   | 29                  |   | 115                               | 112                 | *                  | *                        | *                    |
| INDIANA   | 15 2040024 H01 INDIANAPOLIS   | 73   | 124                 |   | 148                               | 130                 | *                  | *                        | *                    |
| INDIANA   | 15 2040025 H01 INDIANAPOLIS   | 73   | 129                 | 14  | 284                               | 239                 | *                  | *                        | *                    |
| INDIANA   | 15 2040026 H01 INDIANAPOLIS   | 73   | 31                  |   | 88                                | 84                  | *                  | *                        | *                    |
| <b>081 NORTHEAST INDIANA</b>                            |                               |      |                     |   |                                   |                     |                    |                          |                      |
| INDIANA   | 15 1380002 A01 FT. WAYNE      | 73   | 26                  |   | 130                               | 129                 | *                  | *                        | *                    |
| INDIANA   | 15 3980001 F03 STEUBEN COUNTY | 73   | 16                  |   | 141                               | 53                  | *                  | *                        | *                    |
| <b>082 SOUTH BEND-ELKHART-BENTON HARBOR (IND.-MICH)</b> |                               |      |                     |   |                                   |                     |                    |                          |                      |
| INDIANA   | 15 1240001 F01 ELKHART        | 73   | 20                  |   | 110                               | 84                  | *                  | *                        | *                    |
| INDIANA   | 15 2380001 F01 LAPORTE        | 73   | 42                  |   | 134                               | 111                 | .93                | .74                      | 56                   |
| INDIANA   | 15 2740002 H02 MICHIGAN CITY  | 73   | 49                  |   | 148                               | 142                 | *                  | *                        | *                    |
| INDIANA   | 15 2740003 H02 MICHIGAN CITY  | 73   | 48                  | 1   | 178                               | 110                 | *                  | *                        | *                    |



**Table A-1 (continued) . SUSPENDED PARTICULATE DATA**

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                        | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEEDING 24-HR STDS. SEC. | HIGHEST 24-HR VALUES UG/CU.M. | RATIOS TO ANNUAL |      | GEOM. MEAN UG/CU.M. |                     |
|---|------|---------------------|--|-------------------------------|------------------|------|---------------------|---------------------|
|   |      |                     |  |                               | 1ST              | 2ND  |                     | ANN. STDS SEC.      |
| INDIANA   | 73   | 59                  | 3  | 148                           | 144              | 1.00 | .80                 | 60                  |
| INDIANA   | 73   | 57                  | 3  | 191                           | 183              | 1.20 | .96                 | 72                  |
| INDIANA   | 73   | 23                  | 1  | 244                           | 72               | *    | *                   |                     |
| INDIANA   | 73   | 58                  | 1  | 152                           | 102              | .73  | .58                 | 44                  |
| INDIANA   | 73   | 26                  | 1  | 156                           | 144              | *    | *                   |                     |
| INDIANA   | 73   | 60                  |  | 124                           | 114              | .98  | .78                 | 59                  |
| INDIANA   | 73   | 55                  |  | 112                           | 95               | .85  | .68                 | 51                  |
| INDIANA   | 73   | 59                  | 7  | 222                           | 206              | 1.48 | 1.18                | 89                  |
| INDIANA   | 73   | 58                  | 3  | 162                           | 159              | 1.38 | 1.10                | 83                  |
| INDIANA   | 73   | 53                  | 2  | 158                           | 156              | 1.10 | .88                 | 66                  |
| MICHIGAN  | 73   | 57                  |  | 148                           | 137              | .81  | .65                 | 49                  |
| MICHIGAN  | 73   | 56                  | 1  | 151                           | 111              | .95  | .76                 | 57                  |
| MICHIGAN  | 73   | 50                  |  | 111                           | 102              | .76  | .61                 | 46                  |
| MICHIGAN  | 73   | 35                  |  | 112                           | 101              | *    | *                   |                     |
| ** PRIORITY 1A **                                 |      |                     |  |                               |                  |      |                     | AS OF JUNE 07, 1974 |
| 083 SOUTHERN INDIANA                              | 73   | 28                  | 2  | 189                           | 182              | *    | *                   |                     |
| INDIANA   | 73   | 38                  |  | 113                           | 99               | .75  | .60                 | 45                  |
| INDIANA   | 73   | 29                  |  | 68                            | 66               | *    | *                   |                     |
| INDIANA   | 73   | 19                  |  | 86                            | 58               | *    | *                   |                     |
| ** PRIORITY 1 **                                  |      |                     |  |                               |                  |      |                     | AS OF JUNE 07, 1974 |
| 084 WABASH VALLEY (IND)                           | 73   | 19                  |  | 90                            | 82               | *    | *                   |                     |
| INDIANA   | 73   | 40                  |  | 123                           | 115              | *    | *                   |                     |
| INDIANA   | 73   | 45                  | 1  | 176                           | 107              | 1.11 | .89                 | 67                  |
| INDIANA   | 73   | 22                  |  | 127                           | 98               | *    | *                   |                     |
| INDIANA   | 73   | 16                  |  | 134                           | 108              | *    | *                   |                     |
| INDIANA   | 73   | 34                  |  | 105                           | 102              | *    | *                   |                     |
| ** PRIORITY 1 **                                  |      |                     |  |                               |                  |      |                     | AS OF JUNE 07, 1974 |
| 085 METROPOLITAN OMAHA-COUNCIL BLUFFS (IOWA-NEB.) | 73   | 12                  | 5  | 218                           | 172              | *    | *                   |                     |
| IOWA  | 73   | 36                  | 2  | 243                           | 205              | *    | *                   |                     |
| IOWA  | 73   | 26                  | 2  | 188                           | 178              | *    | *                   |                     |
| NEBRASKA  | 73   | 23                  | 1  | 212                           | 91               | *    | *                   |                     |
| NEBRASKA  | 73   | 26                  | 3  | 169                           | 169              | *    | *                   |                     |
| NEBRASKA  | 73   | 5                   |  | 120                           | 112              | *    | *                   |                     |
| NEBRASKA  | 73   | 30                  | 4  | 432                           | 316              | 2.11 | 1.69                | 127                 |
| NEBRASKA  | 73   | 30                  | 1  | 157                           | 135              | .96  | .77                 | 58                  |
| NEBRASKA  | 73   | 30                  | 12   | 226                           | 201              | 1.90 | 1.52                | 114                 |
| NEBRASKA  | 73   | 30                  |  | 137                           | 132              | 1.20 | .96                 | 72                  |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                  | YEAR | NO. OF DAILY VALUES | EXC'D'G 24-HR STDS. PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST 2ND | RATIOS TO ANNUAL GDM. MEAN |          |      |     |  |
|---|------|---------------------|--------------------------|---------------------------------------|----------------------------|----------|------|-----|--|
|   |      |                     |                          |                                       | ANN. STDS SEC.             | UG/CU.M. |      |     |  |
| NEBRASKA                                    | 73   | 30                  |                          | 126                                   | 107                        | .98      | .78  | 59  |  |
| NEBRASKA                                    | 73   | 23                  | 2                        | 161                                   | 159                        | *        | *    |     |  |
| NEBRASKA                                    | 73   | 25                  |                          | 113                                   | 105                        | *        | *    |     |  |
| NEBRASKA                                    | 73   | 30                  |                          | 100                                   | 98                         | .78      | .62  | 47  |  |
| NEBRASKA                                    | 73   | 29                  | 3                        | 203                                   | 169                        | 1.13     | .90  | 68  |  |
| 086 METROPOLITAN SIOUX CITY (IOWA-NEB-S-D.) |      |                     |                          |                                       |                            |          |      |     |  |
| IOWA  | 73   | 61                  | 5                        | 218                                   | 189                        | .83      | .66  | 50  |  |
| NEBRASKA                                    | 73   | 31                  | 3                        | 496                                   | 219                        | 1.50     | 1.20 | 90  |  |
| 087 METROPOLITAN SIOUX FALLS (IOWA-S-D.)    |      |                     |                          |                                       |                            |          |      |     |  |
| IOWA  | 73   | 50                  | 3                        | 443                                   | 188                        | .45      | .36  | 27  |  |
| SOUTH DAKOTA                                | 73   | 21                  | 1                        | 163                                   | 148                        | *        | *    |     |  |
| SOUTH DAKOTA                                | 73   | 17                  |                          | 99                                    | 98                         | *        | *    |     |  |
| SOUTH DAKOTA                                | 73   | 41                  | 4                        | 370                                   | 179                        | 1.25     | 1.00 | 75  |  |
| 088 NORTHEAST IOWA                          |      |                     |                          |                                       |                            |          |      |     |  |
| IOWA  | 73   | 22                  | 1                        | 165                                   | 142                        | *        | *    |     |  |
| IOWA  | 73   | 37                  | 2                        | 228                                   | 162                        | *        | *    |     |  |
| IOWA  | 73   | 60                  | 17                       | 520                                   | 403                        | 1.85     | 1.48 | 111 |  |
| IOWA  | 73   | 49                  | 15                       | 274                                   | 263                        | 2.05     | 1.64 | 123 |  |
| IOWA  | 73   | 9                   | 4                        | 293                                   | 258                        | *        | *    |     |  |
| IOWA  | 73   | 53                  | 4                        | 229                                   | 188                        | 1.31     | 1.05 | 79  |  |
| IOWA  | 73   | 60                  | 6                        | 421                                   | 191                        | .91      | .73  | 55  |  |
| IOWA  | 73   | 21                  | 3                        | 202                                   | 160                        | *        | *    |     |  |
| IOWA  | 73   | 5                   |                          | 99                                    | 56                         | *        | *    |     |  |
| 089 NORTH CENTRAL IOWA                      |      |                     |                          |                                       |                            |          |      |     |  |
| IOWA  | 73   | 58                  | 17                       | 139                                   | 111                        | .73      | .58  | 44  |  |
| IOWA  | 73   | 53                  | 3                        | 882                                   | 502                        | 1.96     | 1.57 | 118 |  |
| IOWA  | 73   | 34                  | 3                        | 231                                   | 218                        | *        | *    |     |  |
| IOWA  | 73   | 59                  | 3                        | 168                                   | 160                        | .95      | .76  | 57  |  |
| 090 NORTHWEST IOWA                          |      |                     |                          |                                       |                            |          |      |     |  |
| IOWA  | 73   | 41                  | 5                        | 224                                   | 180                        | 1.03     | .82  | 62  |  |
| IOWA  | 73   | 46                  | 2                        | 251                                   | 161                        | *        | *    |     |  |
| 091 SOUTHEAST IOWA                          |      |                     |                          |                                       |                            |          |      |     |  |
| IOWA  | 73   | 61                  | 1                        | 296                                   | 144                        | .66      | .53  | 40  |  |

AS OF JUNE 07, 1974

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION            | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D*G 24-HR STDS. | HIGHEST 24-HR VALUE UG/CU.M. | AS OF JUNE 07, 1974 |           | RATIOS TO ANNUAL MEAN |     |                 |
|---------------------------------------|------|---------------------|---|------------------------------|---------------------|-----------|-----------------------|-----|-----------------|
|                                       |      |                     |   |                              | 19--                | SEC. PRI. | 1ST                   | 2ND | ANN. STDS. SEC. |
| 092 SOUTH CENTRAL IOWA                |      |                     |   |                              |                     |           |                       |     |                 |
| IOWA                                  | 73   | 55                  | 9                                       | 311                          | 260                 | 1.36      | 1.09                  | 82  |                 |
| IOWA                                  | 73   | 53                  | 3                                       | 168                          | 159                 | 1.25      | 1.00                  | 75  |                 |
| IOWA                                  | 73   | 24                  | 2                                       | 289                          | 166                 | *         | *                     | *   |                 |
| IOWA                                  | 73   | 43                  | 9                                       | 479                          | 277                 | *         | *                     | *   |                 |
| IOWA                                  | 73   | 46                  | 5                                       | 618                          | 198                 | *         | *                     | *   |                 |
| IOWA                                  | 73   | 61                  | 7                                       | 211                          | 204                 | 1.11      | .89                   | 67  |                 |
| IOWA                                  | 73   | 45                  | 9                                       | 324                          | 243                 | *         | *                     | *   |                 |
| IOWA                                  | 73   | 56                  | 3                                       | 188                          | 186                 | 1.23      | .98                   | 74  |                 |
| IOWA                                  | 73   | 61                  | 6                                       | 269                          | 224                 | .93       | .74                   | 56  |                 |
| IOWA                                  | 73   | 43                  | 8                                       | 258                          | 221                 | *         | *                     | *   |                 |
| IOWA                                  | 73   | 51                  | 9                                       | 291                          | 281                 | 1.36      | 1.09                  | 82  |                 |
| IOWA                                  | 73   | 60                  | 2                                       | 191                          | 189                 | 1.01      | .81                   | 61  |                 |
| IOWA                                  | 73   | 61                  | 5                                       | 972                          | 464                 | 1.16      | .93                   | 70  |                 |
| IOWA                                  | 73   | 41                  | 1                                       | 163                          | 148                 | *         | *                     | *   |                 |
| 093 SOUTHWEST IOWA                    |      |                     |   |                              |                     |           |                       |     |                 |
| IOWA                                  | 73   | 58                  | 2                                       | 198                          | 193                 | .98       | .78                   | 59  |                 |
| IOWA                                  | 73   | 61                  | 5                                       | 480                          | 194                 | 1.20      | .96                   | 72  |                 |
| 094 METROPOLITAN KANSAS CITY (KAN-MO) |      |                     |   |                              |                     |           |                       |     |                 |
| KANSAS                                | 73   | 28                  | 2                                       | 237                          | 176                 | *         | *                     | 47  |                 |
| KANSAS                                | 73   | 56                  | 6                                       | 108                          | 107                 | .78       | .62                   | 47  |                 |
| KANSAS                                | 73   | 22                  | 6                                       | 479                          | 265                 | *         | *                     | *   |                 |
| KANSAS                                | 73   | 5                   | 5                                       | 130                          | 91                  | *         | *                     | *   |                 |
| KANSAS                                | 73   | 53                  | 9                                       | 145                          | 122                 | 1.01      | .81                   | 61  |                 |
| KANSAS                                | 73   | 53                  | 5                                       | 447                          | 442                 | 1.45      | 1.16                  | 87  |                 |
| KANSAS                                | 73   | 54                  | 5                                       | 240                          | 218                 | 1.25      | 1.00                  | 75  |                 |
| KANSAS                                | 73   | 20                  | 5                                       | 253                          | 242                 | *         | *                     | *   |                 |
| KANSAS                                | 73   | 56                  | 5                                       | 127                          | 102                 | .73       | .58                   | 44  |                 |
| MISSOURI                              | 73   | 16                  | 3                                       | 178                          | 163                 | *         | *                     | *   |                 |
| MISSOURI                              | 73   | 20                  | 6                                       | 252                          | 206                 | *         | *                     | *   |                 |
| MISSOURI                              | 73   | 28                  | 3                                       | 282                          | 250                 | *         | *                     | *   |                 |
| MISSOURI                              | 73   | 24                  | 3                                       | 286                          | 254                 | *         | *                     | *   |                 |
| MISSOURI                              | 73   | 25                  | 4                                       | 440                          | 229                 | *         | *                     | *   |                 |
| MISSOURI                              | 73   | 23                  | 4                                       | 135                          | 123                 | *         | *                     | *   |                 |
| MISSOURI                              | 73   | 27                  | 6                                       | 227                          | 213                 | *         | *                     | *   |                 |
| MISSOURI                              | 73   | 23                  | 5                                       | 295                          | 217                 | *         | *                     | *   |                 |
| MISSOURI                              | 73   | 25                  | 2                                       | 263                          | 167                 | *         | *                     | *   |                 |
| MISSOURI                              | 73   | 29                  | 2                                       | 210                          | 179                 | *         | *                     | *   |                 |
| MISSOURI                              | 73   | 33                  | 3                                       | 176                          | 156                 | *         | *                     | *   |                 |
| MISSOURI                              | 73   | 19                  | 1                                       | 191                          | 120                 | *         | *                     | *   |                 |

**Table A-1 (continued) . SUSPENDED PARTICULATE DATA**  
 METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION      | YEAR | NO. OF DAILY VALID VALUES | NO. OF 24-HR STD. SEC. | EXC'D*G | HIGHEST 24-HR VALUES UG/CU.M. | RATIOS TO ANNUAL GEOM. MEAN |      |
|---------------------------------|------|---------------------------|------------------------|---------|-------------------------------|-----------------------------|------|
|                                 |      |                           |                        |         |                               | 1ST                         | 2ND  |
| <b>095 NORTHEAST KANSAS</b>     |      |                           |                        |         |                               |                             |      |
| MISSOURI                        | 73   | 28                        |                        |         | 132                           | 129                         | *    |
| MISSOURI                        | 73   | 7                         |                        |         | 109                           | 92                          | *    |
| MISSOURI                        | 73   | 55                        | 11                     | 1       | 267                           | 244                         | 1.28 |
| MISSOURI                        | 73   | 20                        |                        |         | 126                           | 123                         | *    |
| MISSOURI                        | 73   | 22                        |                        |         | 131                           | 121                         | *    |
| MISSOURI                        | 73   | 27                        | 3                      | 1       | 420                           | 220                         | *    |
| <b>** PRIORITY 1 **</b>         |      |                           |                        |         |                               |                             |      |
| <b>AS OF JUNE 07, 1974</b>      |      |                           |                        |         |                               |                             |      |
| KANSAS                          | 73   | 34                        | 7                      | 2       | 277                           | 276                         | *    |
| KANSAS                          | 73   | 58                        | 4                      |         | 257                           | 195                         | 1.16 |
| KANSAS                          | 73   | 47                        |                        |         | 90                            | 88                          | .51  |
| KANSAS                          | 73   | 19                        |                        |         | 104                           | 89                          | *    |
| KANSAS                          | 73   | 25                        | 1                      |         | 173                           | 144                         | 1.16 |
| KANSAS                          | 73   | 5                         |                        |         | 67                            | 60                          | *    |
| KANSAS                          | 73   | 56                        | 1                      | 1       | 263                           | 99                          | .93  |
| KANSAS                          | 73   | 54                        | 9                      | 1       | 312                           | 204                         | 1.51 |
| KANSAS                          | 73   | 56                        |                        |         | 97                            | 89                          | .75  |
| KANSAS                          | 73   | 55                        | 1                      |         | 214                           | 101                         | .90  |
| <b>** PRIORITY 1 **</b>         |      |                           |                        |         |                               |                             |      |
| <b>AS OF JUNE 07, 1974</b>      |      |                           |                        |         |                               |                             |      |
| <b>096 NCRTH CENTRAL KANSAS</b> |      |                           |                        |         |                               |                             |      |
| KANSAS                          | 73   | 58                        | 1                      |         | 157                           | 145                         | 1.16 |
| KANSAS                          | 73   | 38                        |                        |         | 138                           | 126                         | *    |
| KANSAS                          | 73   | 34                        | 13                     | 5       | 682                           | 501                         | *    |
| KANSAS                          | 73   | 52                        |                        |         | 128                           | 101                         | .90  |
| KANSAS                          | 73   | 37                        | 1                      | 1       | 324                           | 148                         | *    |
| KANSAS                          | 73   | 53                        |                        |         | 116                           | 115                         | .81  |
| <b>** PRIORITY 1 **</b>         |      |                           |                        |         |                               |                             |      |
| <b>AS OF JUNE 07, 1974</b>      |      |                           |                        |         |                               |                             |      |
| <b>097 NORTHWEST KANSAS</b>     |      |                           |                        |         |                               |                             |      |
| KANSAS                          | 73   | 45                        | 10                     | 2       | 345                           | 294                         | *    |
| KANSAS                          | 73   | 30                        |                        |         | 128                           | 118                         | *    |
| KANSAS                          | 73   | 47                        |                        |         | 133                           | 119                         | .75  |
| KANSAS                          | 73   | 31                        |                        |         | 146                           | 137                         | *    |
| KANSAS                          | 73   | 52                        | 4                      |         | 228                           | 193                         | 1.10 |
| <b>** PRIORITY 3 **</b>         |      |                           |                        |         |                               |                             |      |
| <b>AS OF JUNE 07, 1974</b>      |      |                           |                        |         |                               |                             |      |
| <b>098 SOUTHEAST KANSAS</b>     |      |                           |                        |         |                               |                             |      |
| KANSAS                          | 73   | 51                        | 1                      |         | 176                           | 132                         | 1.11 |
| KANSAS                          | 73   | 31                        | 4                      | 1       | 357                           | 173                         | *    |
| KANSAS                          | 73   | 34                        | 3                      | 2       | 382                           | 279                         | .73  |
| KANSAS                          | 73   | 25                        | 2                      |         | 208                           | 165                         | *    |
| KANSAS                          | 73   | 38                        | 3                      |         | 222                           | 181                         | *    |
| KANSAS                          | 73   | 37                        | 1                      |         | 184                           | 92                          | .90  |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION      | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'S 24-HR SEC. | HIGHEST 24-HR VALUE UG/CU.M. | ANNUAL RATIOS TO GEOM. MEAN |          |
|---------------------------------|------|---------------------|--|------------------------------|-----------------------------|----------|
|                                 |      |                     |  |                              | 1ST SEC.                    | 2ND SEC. |
| 099 SOUTH CENTRAL KANSAS        |      |                     |  |                              |                             |          |
| KANSAS                          | 73   | 43                  | 2                                      | 170                          | 156                         | 1-01     |
| KANSAS                          | 73   | 34                  | 4                                      | 124                          | 104                         | *        |
| KANSAS                          | 73   | 39                  | 1                                      | 194                          | 178                         | *        |
| KANSAS                          | 73   | 59                  | 1                                      | 210                          | 149                         | 1-01     |
| KANSAS                          | 73   | 58                  | 1                                      | 172                          | 133                         | -71      |
| KANSAS                          | 73   | 56                  | 3                                      | 97                           | 93                          | -58      |
| KANSAS                          | 73   | 59                  | 3                                      | 210                          | 174                         | -98      |
| KANSAS                          | 73   | 54                  | 2                                      | 187                          | 151                         | 1-05     |
| KANSAS                          | 73   | 23                  | 1                                      | 111                          | 105                         | *        |
| KANSAS                          | 73   | 5                   | 1                                      | 85                           | 61                          | *        |
| KANSAS                          | 73   | 49                  | 18                                     | 365                          | 340                         | 1-75     |
| KANSAS                          | 73   | 60                  | 9                                      | 110                          | 100                         | -86      |
| KANSAS                          | 73   | 57                  | 1                                      | 118                          | 109                         | -91      |
| KANSAS                          | 73   | 56                  | 1                                      | 121                          | 108                         | -95      |
| KANSAS                          | 73   | 52                  | 1                                      | 105                          | 104                         | -86      |
| ** PRIORITY 1 **                |      |                     |  |                              |                             |          |
| AS OF JUNE 07, 1974             |      |                     |  |                              |                             |          |
| 099 WEST NORTHWEST KANSAS       |      |                     |  |                              |                             |          |
| KANSAS                          | 73   | 51                  | 1                                      | 280                          | 144                         | -71      |
| KANSAS                          | 73   | 56                  | 1                                      | 199                          | 139                         | 1-18     |
| KANSAS                          | 73   | 24                  | 4                                      | 303                          | 243                         | *        |
| KANSAS                          | 73   | 32                  | 1                                      | 152                          | 138                         | *        |
| KANSAS                          | 73   | 48                  | 1                                      | 151                          | 146                         | -85      |
| ** PRIORITY 2 **                |      |                     |  |                              |                             |          |
| AS OF JUNE 07, 1974             |      |                     |  |                              |                             |          |
| 099 APPALACHIAN MOUNTAIN STATES |      |                     |  |                              |                             |          |
| KENTUCKY                        | 73   | 46                  | 2                                      | 168                          | 152                         | 1-23     |
| KENTUCKY                        | 73   | 23                  | 1                                      | 122                          | 107                         | *        |
| KENTUCKY                        | 73   | 27                  | 1                                      | 89                           | 86                          | *        |
| KENTUCKY                        | 73   | 50                  | 1                                      | 154                          | 145                         | 1-10     |
| KENTUCKY                        | 73   | 56                  | 1                                      | 104                          | 104                         | -76      |
| ** PRIORITY 2 **                |      |                     |  |                              |                             |          |
| AS OF JUNE 07, 1974             |      |                     |  |                              |                             |          |
| 099 MISSOURI                    |      |                     |  |                              |                             |          |
| MISSOURI                        | 73   | 43                  | 1                                      | 84                           | 76                          | *        |
| MISSOURI                        | 73   | 35                  | 1                                      | 72                           | 66                          | *        |
| MISSOURI                        | 73   | 82                  | 1                                      | 158                          | 120                         | -61      |
| MISSOURI                        | 73   | 54                  | 1                                      | 146                          | 133                         | *        |
| MISSOURI                        | 73   | 59                  | 1                                      | 128                          | 112                         | -86      |
| MISSOURI                        | 73   | 32                  | 1                                      | 80                           | 78                          | *        |
| MISSOURI                        | 73   | 34                  | 1                                      | 116                          | 96                          | *        |
| MISSOURI                        | 73   | 16                  | 1                                      | 134                          | 80                          | *        |

Table A-1 (continued) : SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                            | YEAR | NO. OF VALS | NO. OF DAILY VALUES EXCL'D | HIGHEST UG/CU.M. | RATIOS TO GEOM. MEAN |                    | AS OF JUNE 07, 1974 |
|---|------|-------------|----------------------------|------------------|----------------------|--------------------|---------------------|
|   |      |             |                            |                  | ANN. STDS            | SEC. PRI. UG/CU.M. |                     |
| 103 HUNTINGTON-ASHLAND-PORTSMOUTH-IRUNTON (KY-OH-W.V) |      |             |                            |                  |                      |                    |                     |
| KENTUCKY  | 73   | 55          |                            | 145              | 138                  | 1.38               | 1.10                |
| KENTUCKY  | 73   | 50          |                            | 135              | 92                   | .65                | .52                 |
| KENTUCKY  | 73   | 59          |                            | 127              | 88                   | .70                | .56                 |
| KENTUCKY  | 73   | 49          |                            | 121              | 99                   | .66                | .53                 |
| KENTUCKY  | 73   | 54          |                            | 97               | 87                   | .68                | .54                 |
| KENTUCKY  | 73   | 49          |                            | 130              | 116                  | 1.03               | .82                 |
| ** PRIORITY 1 **                                      |      |             |                            |                  |                      |                    |                     |
| KENTUCKY  | 73   | 26          | 14                         | 226              | 223                  | *                  | *                   |
| KENTUCKY  | 73   | 56          | 6                          | 208              | 185                  | 1.38               | 1.10                |
| KENTUCKY  | 73   | 54          | 8                          | 189              | 186                  | 1.30               | 1.04                |
| KENTUCKY  | 73   | 53          | 1                          | 157              | 147                  | .93                | .74                 |
| KENTUCKY  | 73   | 38          |                            | 127              | 117                  | *                  | *                   |
| KENTUCKY  | 73   | 54          | 4                          | 282              | 177                  | 1.60               | 1.28                |
| KENTUCKY  | 73   | 14          |                            | 149              | 149                  | *                  | *                   |
| KENTUCKY  | 73   | 44          | 1                          | 175              | 133                  | *                  | *                   |
| KENTUCKY  | 73   | 50          | 1                          | 182              | 122                  | .83                | .66                 |
| KENTUCKY  | 73   | 23          | 7                          | 248              | 239                  | *                  | *                   |
| KENTUCKY  | 73   | 27          |                            | 149              | 130                  | *                  | *                   |
| KENTUCKY  | 73   | 6           |                            | 50               | 37                   | *                  | *                   |
| KENTUCKY  | 73   | 48          |                            | 141              | 108                  | .95                | .76                 |
| KENTUCKY  | 73   | 47          |                            | 85               | 82                   | .76                | .61                 |
| KENTUCKY  | 73   | 29          |                            | 117              | 116                  | *                  | *                   |
| OHIO  | 73   | 34          | 3                          | 247              | 230                  | *                  | *                   |
| OHIO  | 73   | 19          | 5                          | 186              | 173                  | *                  | *                   |
| OHIO  | 73   | 25          |                            | 135              | 119                  | *                  | *                   |
| OHIO  | 73   | 24          |                            | 141              | 139                  | *                  | *                   |
| OHIO  | 73   | 25          | 3                          | 207              | 193                  | *                  | *                   |
| OHIO  | 73   | 41          |                            | 115              | 109                  | *                  | *                   |
| OHIO  | 73   | 31          |                            | 100              | 94                   | *                  | *                   |
| OHIO  | 73   | 31          | 1                          | 162              | 128                  | *                  | *                   |
| OHIO  | 73   | 28          |                            | 149              | 140                  | *                  | *                   |
| OHIO  | 73   | 31          |                            | 78               | 73                   | *                  | *                   |
| OHIO  | 73   | 35          | 1                          | 161              | 131                  | *                  | *                   |
| OHIO  | 73   | 25          |                            | 143              | 130                  | *                  | *                   |
| OHIO  | 73   | 34          | 1                          | 156              | 136                  | *                  | *                   |
| OHIO  | 73   | 27          |                            | 122              | 106                  | *                  | *                   |
| OHIO  | 73   | 33          |                            | 122              | 109                  | *                  | *                   |
| OHIO  | 73   | 32          | 1                          | 167              | 150                  | *                  | *                   |
| OHIO  | 73   | 31          |                            | 142              | 124                  | *                  | *                   |
| OHIO  | 73   | 35          |                            | 125              | 109                  | *                  | *                   |
| OHIO  | 73   | 34          |                            | 109              | 85                   | *                  | *                   |
| OHIO  | 73   | 21          |                            | 126              | 111                  | *                  | *                   |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION  | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. PRI. | HIGHEST 24-HR VALJES UG/CU.M. 1ST 2ND | ANNUAL PATIOS TO GEDM. ANN. STDS MEAN/ |          |      |     |
|---|--|---------------------------------------|--|----------|------|-----|
|   |  |                                       | SEC.                                   | PRI.     |      |     |
|   |  |                                       | UG/CU.M.                               | UG/CU.M. |      |     |
| <b>103 HUNTINGTON-ASHLAND-PORTSMOUTH-IRONTON (KY-OH-W.V.) (CONTINUED)</b> |  |                                       |  |          |      |     |
| WEST VIRGINIA   | 50 C7G00C1 A01 HUNTINGTON                    | 5                                     | 143                                    | 83       | *    | *   |
| WEST VIRGINIA   | 50 J7G00U3 F01 HUNTINGTON                    | 11                                    | 131                                    | 92       | *    | *   |
| WEST VIRGINIA   | 50 U7G0004 F03 HUNTINGTON                    | 11                                    | 56                                     | 53       | *    | *   |
| WEST VIRGINIA   | 50 C7G00C5 A01 HUNTINGTON                    | 16                                    | 164                                    | 148      | *    | *   |
| <b>104 NORTH CENTRAL KENTUCKY</b>   |  |                                       |  |          |      |     |
| KENTUCKY  | 18 01400U1 F01 BARDSTOWN                     | ** PRIORITY 2 **                      | 89                                     | 85       | *    | *   |
| KENTUCKY  | 18 10400U2 F01 ELIZABETHTOWN                 | 31                                    | 130                                    | 105      | .85  | .68 |
| KENTUCKY  | 18 10400U3 F01 ELIZABETHTOWN                 | 58                                    | 87                                     | 84       | *    | *   |
| KENTUCKY  | 18 22200G1 F01 LEITCHFIELD                   | 33                                    | 159                                    | 88       | *    | *   |
| KENTUCKY  | 18 3100U02 F01 OLDHAM COUNTY                 | 37                                    | 91                                     | 90       | *    | *   |
| KENTUCKY  | 18 37G00C1 F01 SHELBYVILLE                   | 34                                    | 135                                    | 117      | *    | *   |
| KENTUCKY  | 18 37100G1 F01 SHEPHERDSVILLE                | 31                                    | 145                                    | 112      | *    | *   |
| <b>105 SOUTH CENTRAL KENTUCKY</b>   |  |                                       |  |          |      |     |
| KENTUCKY  | 18 03200U1 A01 BOWLING GREEN                 | ** PRIORITY 3 **                      | 221                                    | 95       | *    | *   |
| KENTUCKY  | 18 03200U3 F01 BOWLING GREEN                 | 10                                    | 106                                    | 70       | *    | *   |
| KENTUCKY  | 18 03200U4 F01 BOWLING GREEN                 | 35                                    | 184                                    | 163      | *    | *   |
| KENTUCKY  | 18 03200U5 F01 BOWLING GREEN                 | 17                                    | 67                                     | 67       | *    | *   |
| KENTUCKY  | 18 1300U01 F01 FRANKLIN                      | 11                                    | 69                                     | 63       | *    | *   |
| KENTUCKY  | 18 14400C1 F01 GLASGOW                       | 21                                    | 145                                    | 107      | *    | *   |
| KENTUCKY  | 18 3600C02 F01 RUSSELLVILLE                  | 18                                    | 88                                     | 86       | *    | *   |
| KENTUCKY  | 18 37600U2 F01 SCYERSSET                     | 19                                    | 103                                    | 86       | *    | *   |
| <b>106 SOUTHERN LOUISIANA-SOUTHEAST TEXAS (LA.-TEX.)</b>                  |  |                                       |  |          |      |     |
| LOUISIANA   | 19 0280G01 A01 BATON ROUGE                   | ** PRIORITY 2 **                      | 140                                    | 135      | *    | *   |
| LOUISIANA   | 19 0280G03 F01 BATON ROUGE                   | 21                                    | 126                                    | 119      | *    | *   |
| LOUISIANA   | 19 1600001 F01 LAKE CHARLES                  | 16                                    | 250                                    | 166      | .85  | .68 |
| LOUISIANA   | 19 2020002 A01 NEW ORLEANS                   | 20                                    | 117                                    | 108      | *    | *   |
| LOUISIANA   | 19 2020G02 F01 NEW ORLEANS                   | 59                                    | 197                                    | 150      | 1.06 | .85 |
| TEXAS   | 45 03300U1 F01 BEAUMONT                      | 35                                    | 120                                    | 115      | *    | *   |
| TEXAS   | 45 03300U4 G02 BEAUMONT                      | 16                                    | 243                                    | 175      | *    | *   |
| TEXAS   | 45 0330CC5 G01 BEAUMONT                      | 15                                    | 196                                    | 145      | *    | *   |
| TEXAS   | 45 38300U3 F01 NEDERLAND                     | 12                                    | 105                                    | 103      | *    | *   |
| TEXAS   | 45 3950C02 F01 ORANGE                        | 44                                    | 267                                    | 165      | 1.05 | .84 |
| TEXAS   | 45 41900U4 G02 PORT ARTHUR                   | 16                                    | 505                                    | 497      | *    | *   |
| TEXAS   | 45 41900U5 G02 PORT ARTHUR                   | 16                                    | 172                                    | 153      | *    | *   |
| TEXAS   | 45 4190G06 F01 PORT ARTHUR                   | 12                                    | 87                                     | 67       | *    | *   |
| TEXAS   | 45 42250U5 G01 PORT NECHES                   | 16                                    | 219                                    | 187      | *    | *   |
| <b>107 ANDROSJUGGIN VALLEY (ME-N.H.)</b>                                  |  |                                       |  |          |      |     |
| MAINE   | 20 6080U01 F01 AUGUSTA                       | ** PRIORITY 1A **                     | 113                                    | 97       | *    | *   |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                    | STATION                         | YEAR | NO. OF VALID VALUES | NO. OF 24-HR STOS. PKI. | HIGHEST 24-HR VALUES UG/CU.M. | RATIOS TO GEOM. MEAN |     |
|---|---------------------------------|------|---------------------|-------------------------|-------------------------------|----------------------|-----|
|   |                                 |      |                     |                         |                               | 1ST                  | 2ND |
| 109 ANDROSCOGGIN VALLEY (ME-N.H.) (CONTINUED) |                                 |      |                     |                         |                               |                      |     |
| MAINE   | 20 0645001 F02 LINCOLN COUNTY   | 73   | 13                  |                         | 89                            | *                    | *   |
| MAINE   | 20 0700001 F02 LIVERMORE FALLS  | 73   | 13                  |                         | 71                            | *                    | *   |
| MAINE   | 20 1000001 F01 ROCKLAND         | 73   | 14                  |                         | 107                           | *                    | *   |
| MAINE   | 20 1280001 F01 WINSLOW          | 73   | 13                  |                         | 92                            | *                    | *   |
| NEW HAMPSHIRE                                 | 30 0040001 F01 BERLIN           | 73   | 29                  | 5                       | 250                           | *                    | *   |
| NEW HAMPSHIRE                                 | 30 0040002 F01 BERLIN           | 73   | 35                  | 2                       | 200                           | *                    | *   |
| NEW HAMPSHIRE                                 | 30 0040003 F01 BERLIN           | 73   | 38                  | 1                       | 165                           | *                    | *   |
| NEW HAMPSHIRE                                 | 30 0040007 F01 BERLIN           | 73   | 41                  | 2                       | 282                           | *                    | *   |
| NEW HAMPSHIRE                                 | 30 0140001 A03 COOS COUNTY      | 73   | 8                   |                         | 30                            | *                    | *   |
| NEW HAMPSHIRE                                 | 30 0160001 F01 DUFFER           | 73   | 39                  |                         | 118                           | *                    | *   |
| NEW HAMPSHIRE                                 | 30 0512001 F01 NORTHUMBERLAND   | 73   | 40                  |                         | 119                           | *                    | *   |
| NEW HAMPSHIRE                                 | 30 0512002 F01 NORTHUMBERLAND   | 73   | 35                  |                         | 106                           | *                    | *   |
| 109 DOWN EAST (ME)                            |                                 |      |                     |                         |                               |                      |     |
| MAINE   | 20 0100001 F03 SEANALL          | 73   | 7                   |                         | 69                            | *                    | *   |
| MAINE   | 20 0100001 F01 BANGOR           | 73   | 13                  |                         | 135                           | *                    | *   |
| MAINE   | 20 0640001 F02 LINCOLN          | 73   | 15                  |                         | 85                            | *                    | *   |
| MAINE   | 20 0780001 F02 MILL INCKET      | 73   | 14                  |                         | 88                            | *                    | *   |
| MAINE   | 20 0860001 F02 ORONG            | 73   | 15                  |                         | 80                            | *                    | *   |
| 110 METROPOLITAN PORTLAND (ME)                |                                 |      |                     |                         |                               |                      |     |
| MAINE   | 20 0160001 F01 BIDDEFORD        | 73   | 14                  |                         | 101                           | *                    | *   |
| MAINE   | 20 0960002 A01 PORTLAND         | 73   | 13                  |                         | 106                           | *                    | *   |
| MAINE   | 20 0960003 F01 PORTLAND         | 73   | 11                  |                         | 149                           | *                    | *   |
| MAINE   | 20 0960005 F01 PORTLAND         | 73   | 15                  | 1                       | 185                           | *                    | *   |
| MAINE   | 20 0960006 F01 PORTLAND         | 73   | 8                   |                         | 107                           | *                    | *   |
| MAINE   | 20 1140002 F01 SOUTH PORTLAND   | 73   | 13                  |                         | 68                            | *                    | *   |
| 112 CENTRAL MARYLAND                          |                                 |      |                     |                         |                               |                      |     |
| MARYLAND                                      | 21 0260001 G05 BRUNSWICK        | 73   | 41                  | 4                       | 198                           | *                    | *   |
| MARYLAND                                      | 21 0720001 F01 FREDERICK        | 73   | 44                  |                         | 125                           | *                    | *   |
| MARYLAND                                      | 21 0720003 G01 FREDERICK        | 73   | 39                  | 1                       | 210                           | *                    | *   |
| MARYLAND                                      | 21 0720004 G01 FREDERICK        | 73   | 42                  |                         | 110                           | *                    | *   |
| MARYLAND                                      | 21 0740021 F01 FREDERICK COUNTY | 73   | 36                  |                         | 81                            | *                    | *   |
| MARYLAND                                      | 21 0740022 F01 FREDERICK COUNTY | 73   | 43                  |                         | 105                           | *                    | *   |
| MARYLAND                                      | 21 0740023 G01 FREDERICK COUNTY | 73   | 40                  |                         | 105                           | *                    | *   |
| MARYLAND                                      | 21 0740024 G01 FREDERICK COUNTY | 73   | 32                  |                         | 139                           | *                    | *   |
| 113 CUMBERLAND-KEYSER (MD-W. VA.)             |                                 |      |                     |                         |                               |                      |     |
| MARYLAND                                      | 21 0040001 G01 ALLEGANY COUNTY  | 73   | 41                  |                         | 195                           | *                    | *   |

AS OF JUNE 07, 1974

AS OF JUNE 07, 1974

AS OF JUNE 07, 1974

AS OF JUNE 07, 1974



Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC; 24-HOUR HI-VOLUME FILTER SAMPLE - 11110101

| AIR QUALITY CONTROL REGION                    | COUNTY                             | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HK STDS. PRI. | HIGHEST 24-HR VALJES US/CU.M. 1ST 2ND | A N N U A L RATIOS TO GEOM. MEAN |                              |
|---|------------------------------------|------|---------------------|--|---------------------------------------|----------------------------------|------------------------------|
|   |                                    |      |                     |  |                                       | ANN. STDS SEC. PPI. US/CU.M.     | ANN. STDS SEC. PPI. US/CU.M. |
| 113 CUMBERLAND-KEYSER (MD-N. VA.) (CONTINUED) |                                    |      |                     |  |                                       |                                  |                              |
| MARYLAND                                      | 21 0560001 G01 CUMBERLAND          | 73   | 45                  | 2  | 219 154                               | *                                | *                            |
| MARYLAND                                      | 21 0800001 F01 GARRETT COUNTY      | 73   | 44                  |  | 150 139                               | *                                | *                            |
| MARYLAND                                      | 21 0800003 F03 GARRETT COUNTY      | 73   | 43                  |  | 87                                    | *                                | *                            |
| MARYLAND                                      | 21 0860002 F01 HAGERSTOWN          | 73   | 43                  | 1  | 423 116                               | *                                | *                            |
| MARYLAND                                      | 21 1700003 F01 WESTERPORT          | 73   | 42                  |  | 133 110                               | *                                | *                            |
| 114 EASTERN SHORE (MD)                        |                                    |      |                     |  |                                       |                                  |                              |
| MARYLAND                                      | 21 0300001 F01 CAMBRIDGE           | 73   | 40                  | ** PRIORITY 2 **                             | 108 74                                | *                                | *                            |
| MARYLAND                                      | 21 0420001 F05 CECIL COUNTY        | 73   | 42                  | 2  | 207 206                               | *                                | *                            |
| MARYLAND                                      | 21 0660001 F01 ELKTON              | 73   | 45                  | 1  | 162 146                               | *                                | *                            |
| MARYLAND                                      | 21 1420002 F01 SALISBURY           | 73   | 43                  |  | 108 99                                | *                                | *                            |
| MARYLAND                                      | 21 1420004 G01 SALISBURY           | 73   | 12                  |  | 146 86                                | *                                | *                            |
| MARYLAND                                      | 21 1420005 G01 SALISBURY           | 73   | 40                  |  | 96 93                                 | *                                | *                            |
| MARYLAND                                      | 21 1740001 F03 WICOMMOCO COUNTY    | 73   | 30                  |  | 115 85                                | *                                | *                            |
| 115 METROPOLITAN BALTIMORE (MD)               |                                    |      |                     |  |                                       |                                  |                              |
| MARYLAND                                      | 21 0060002 G01 ANNAPOLIS           | 73   | 38                  |  | 128 114                               | *                                | *                            |
| MARYLAND                                      | 21 0080001 G01 ANNE ARUNDEL COUNTY | 73   | 44                  | 4  | 178 176                               | *                                | *                            |
| MARYLAND                                      | 21 0080002 G01 ANNE ARUNDEL COUNTY | 73   | 43                  |  | 120 110                               | *                                | *                            |
| MARYLAND                                      | 21 0080003 G01 ANNE ARUNDEL COUNTY | 73   | 44                  | 2  | 172 161                               | *                                | *                            |
| MARYLAND                                      | 21 0080006 G01 ANNE ARUNDEL COUNTY | 73   | 41                  | 1  | 154 145                               | *                                | *                            |
| MARYLAND                                      | 21 0080008 G01 ANNE ARUNDEL COUNTY | 73   | 40                  |  | 101 82                                | *                                | *                            |
| MARYLAND                                      | 21 0120001 A01 BALTIMORE           | 73   | 32                  |  | 149 124                               | 1.36                             | 1.09                         |
| MARYLAND                                      | 21 0120001 H01 BALTIMORE           | 73   | 136                 | 25   | 312 252                               | *                                | *                            |
| MARYLAND                                      | 21 0120003 F01 BALTIMORE, MD       | 73   | 32                  | 2  | 415 182                               | *                                | *                            |
| MARYLAND                                      | 21 0120005 H01 BALTIMORE           | 73   | 138                 | 60   | 413 386                               | *                                | *                            |
| MARYLAND                                      | 21 0120006 H01 BALTIMORE           | 73   | 81                  | 3  | 276 237                               | *                                | *                            |
| MARYLAND                                      | 21 0120007 H01 BALTIMORE           | 73   | 96                  | 5  | 285 240                               | *                                | *                            |
| MARYLAND                                      | 21 0120008 H01 BALTIMORE           | 73   | 91                  | 12   | 306 241                               | *                                | *                            |
| MARYLAND                                      | 21 0120009 H01 BALTIMORE           | 73   | 165                 | 14   | 395 305                               | *                                | *                            |
| MARYLAND                                      | 21 0120014 K01 BALTIMORE           | 73   | 23                  |  | 130 122                               | *                                | *                            |
| MARYLAND                                      | 21 0120016 F01 BALTIMORE           | 73   | 44                  |  | 114 105                               | *                                | *                            |
| MARYLAND                                      | 21 0120021 G01 BALTIMORE           | 73   | 44                  | 1  | 208 109                               | *                                | *                            |
| MARYLAND                                      | 21 0140003 G01 BALTIMORE COUNTY    | 73   | 40                  | 2  | 151 151                               | *                                | *                            |
| MARYLAND                                      | 21 0140004 G01 BALTIMORE COUNTY    | 73   | 39                  | 2  | 255 179                               | *                                | *                            |
| MARYLAND                                      | 21 0180001 F01 BEL AIR             | 73   | 36                  |  | 93 93                                 | *                                | *                            |
| MARYLAND                                      | 21 0500001 G01 COCKEYSVILLE        | 73   | 44                  |  | 135 116                               | *                                | *                            |
| MARYLAND                                      | 21 0620001 F01 DUNDALK             | 73   | 39                  | 1  | 313 145                               | *                                | *                            |
| MARYLAND                                      | 21 0680001 G01 ESSEX               | 73   | 44                  | 2  | 152 151                               | *                                | *                            |
| MARYLAND                                      | 21 0920002 F01 HOWARD COUNTY       | 73   | 48                  | 1  | 182 145                               | *                                | *                            |
| MARYLAND                                      | 21 0560003 F01 HOWARD COUNTY       | 73   | 44                  |  | 126 103                               | *                                | *                            |
| MARYLAND                                      | 21 1040001 F01 LANSDOWNE           | 73   | 41                  |  | 121 107                               | *                                | *                            |
| MARYLAND                                      | 21 1560002 G01 RIVIERA BEACH       | 73   | 45                  |  | 137 127                               | *                                | *                            |
| MARYLAND                                      | 21 1560002 G01 RIVIERA BEACH       | 73   | 38                  |  | 117 106                               | *                                | *                            |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                  | STATE | COUNTY           | FACILITY   | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEEDING 24-HR STD. | NO. OF DAILY VALUES EXCEEDING 24-HR STD. | HIGHEST 24-HR VALUE (UG/CU.M.) | ANNUAL RATIO TO GEOM. MEAN |                        |
|---|-------|------------------|------------|------|---------------------|--|--|--------------------------------|----------------------------|------------------------|
|   |       |                  |            |      |                     |  |  |                                | 1ST SEC. PRI.              | 2ND SEC. PRI. UG/CU.M. |
| 115 METROPOLITAN BALTIMORE (MD) (CONTINUED) |       |                  |            |      |                     |  |  |                                |                            |                        |
| MARYLAND                                    |       |                  | 21 1640001 | 73   | 53                  |  |  | 105                            | 101                        | *                      |
| MARYLAND                                    |       |                  | 21 1720002 | 73   | 37                  |  |  | 109                            | 89                         | *                      |
| ** PRIORITY 3 ** AS OF JUNE 07, 1974        |       |                  |            |      |                     |  |  |                                |                            |                        |
| MARYLAND                                    |       | ALLEGANY COUNTY  | 21 0280001 | 73   | 17                  |  |  | 102                            | 95                         | *                      |
| MARYLAND                                    |       | ALLEGANY COUNTY  | 21 0280002 | 73   | 44                  |  |  | 120                            | 102                        | *                      |
| MARYLAND                                    |       | CHARLES COUNTY   | 21 0440001 | 73   | 43                  |  |  | 112                            | 86                         | *                      |
| MARYLAND                                    |       | ST. MARYS COUNTY | 21 1400001 | 73   | 52                  |  |  | 105                            | 99                         | *                      |
| ** PRIORITY 2 ** AS OF JUNE 07, 1974        |       |                  |            |      |                     |  |  |                                |                            |                        |
| 117 BERKSHIRE (MASS)                        |       |                  |            |      |                     |  |  |                                |                            |                        |
| MASSACHUSETTS                               |       |                  | 22 0020001 | 73   | 55                  | 1  |  | 190                            | 147                        | *                      |
| MASSACHUSETTS                               |       |                  | 22 1020001 | 73   | 52                  |  |  | 106                            | 66                         | *                      |
| MASSACHUSETTS                               |       | FITCHBURG        | 22 1580001 | 73   | 56                  |  |  | 127                            | 118                        | *                      |
| MASSACHUSETTS                               |       | PITTSFIELD       | 22 1800002 | 73   | 54                  |  |  | 100                            | 83                         | *                      |
| MASSACHUSETTS                               |       | PITTSFIELD       | 22 1800003 | 73   | 55                  |  |  | 122                            | 121                        | *                      |
| MASSACHUSETTS                               |       | PITTSFIELD       | 22 1800004 | 73   | 27                  | 1  |  | 151                            | 126                        | *                      |
| ** PRIORITY 1 ** AS OF JUNE 07, 1974        |       |                  |            |      |                     |  |  |                                |                            |                        |
| 118 CENTRAL MASSACHUSETTS                   |       |                  |            |      |                     |  |  |                                |                            |                        |
| MASSACHUSETTS                               |       |                  | 22 0620001 | 73   | 43                  |  |  | 120                            | 90                         | *                      |
| MASSACHUSETTS                               |       | WORCESTER        | 22 2640004 | 73   | 112                 | 14                                       | 5  | 307                            | 303                        | *                      |
| MASSACHUSETTS                               |       | WORCESTER        | 22 2640008 | 73   | 114                 | 9  |  | 237                            | 235                        | *                      |
| MASSACHUSETTS                               |       | WORCESTER        | 22 2640010 | 73   | 74                  | 9  | 1  | 348                            | 225                        | *                      |
| MASSACHUSETTS                               |       | WORCESTER        | 22 2640011 | 73   | 75                  | 1  |  | 202                            | 134                        | *                      |
| ** PRIORITY 1 ** AS OF JUNE 07, 1974        |       |                  |            |      |                     |  |  |                                |                            |                        |
| 119 METROPOLITAN BOSTON (MASS)              |       |                  |            |      |                     |  |  |                                |                            |                        |
| MASSACHUSETTS                               |       |                  | 22 0240002 | 73   | 37                  | 19                                       | 2  | 347                            | 266                        | *                      |
| MASSACHUSETTS                               |       | BOSTON           | 22 0240012 | 73   | 10                  |  |  | 126                            | 114                        | *                      |
| MASSACHUSETTS                               |       | BOSTON           | 22 0240014 | 73   | 27                  | 18                                       | 3  | 423                            | 301                        | *                      |
| MASSACHUSETTS                               |       | BROOKLINE        | 22 0340001 | 73   | 24                  |  |  | 73                             | 69                         | *                      |
| MASSACHUSETTS                               |       | CAMBRIDGE        | 22 0360001 | 73   | 8                   |  |  | 80                             | 69                         | *                      |
| MASSACHUSETTS                               |       | FRAMINGHAM       | 22 0660001 | 73   | 18                  | 1  |  | 151                            | 110                        | *                      |
| MASSACHUSETTS                               |       | MAYNARD          | 22 1200001 | 73   | 21                  |  |  | 100                            | 94                         | *                      |
| MASSACHUSETTS                               |       | MEDFORD          | 22 1220003 | 73   | 36                  | 11                                       | 1  | 266                            | 244                        | *                      |
| MASSACHUSETTS                               |       | NEEDHAM          | 22 1480002 | 73   | 24                  |  |  | 116                            | 92                         | *                      |
| MASSACHUSETTS                               |       | ROSLINDEN        | 22 1700001 | 73   | 19                  | 1  |  | 235                            | 97                         | *                      |
| MASSACHUSETTS                               |       | QUINCY           | 22 1880001 | 73   | 26                  |  |  | 107                            | 97                         | *                      |
| MASSACHUSETTS                               |       | QUINCY           | 22 1880002 | 73   | 30                  | 5  |  | 209                            | 203                        | *                      |
| MASSACHUSETTS                               |       | WALTHAM          | 22 2340003 | 73   | 19                  |  |  | 113                            | 85                         | *                      |
| MASSACHUSETTS                               |       | WALTHAM          | 22 2340004 | 73   | 35                  | 5  |  | 197                            | 191                        | *                      |
| MASSACHUSETTS                               |       | WORCESTER        | 22 2640001 | 73   | 8                   | 2  |  | 236                            | 176                        | *                      |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                              | YEAR | NJ. LF VALID VALUES | NO. OF DAILY VALUES EXC'D. 24-HR STDS. SEC. PRI. | HIGHEST 24-HR VALUE UG/CU.M. 1ST 2ND | AS OF JUNE 07, 1974 |                  | A N N U A L STATISTICS ANY. STDS. SEC. PRI. UG/CU.M. |
|---|------|---------------------|--|--------------------------------------|---------------------|------------------|--|
|   |      |                     |  |                                      | ** PRIORITY 1 **    | ** PRIORITY 1 ** |  |
| 120 METROPOLITAN PROVIDENCE (MASS-N.H.)                 |      |                     |  |                                      |                     |                  |  |
| MASSACHUSETTS   | 73   | 24                  |  | 105                                  | 74                  | *                | *  |
| MASSACHUSETTS   | 73   | 21                  |  | 99                                   | 98                  | *                | *  |
| MASSACHUSETTS   | 73   | 15                  |  | 82                                   | 65                  | *                | *  |
| MASSACHUSETTS   | 73   | 17                  |  | 81                                   | 56                  | *                | *  |
| MASSACHUSETTS   | 73   | 28                  |  | 118                                  | 101                 | *                | *  |
| RHODE ISLAND  | 73   | 43                  |  | 107                                  | 70                  | *                | *  |
| RHODE ISLAND  | 73   | 45                  |  | 128                                  | 95                  | *                | *  |
| RHODE ISLAND  | 73   | 17                  |  | 58                                   | 49                  | *                | *  |
| RHODE ISLAND  | 73   | 85                  |  | 116                                  | 113                 | *                | *  |
| RHODE ISLAND  | 73   | 20                  |  | 97                                   | 85                  | *                | *  |
| RHODE ISLAND  | 73   | 10                  |  | 78                                   | 58                  | *                | *  |
| RHODE ISLAND  | 73   | 41                  | 1  | 179                                  | 142                 | *                | *  |
| RHODE ISLAND  | 73   | 45                  |  | 52                                   | 37                  | *                | *  |
| RHODE ISLAND  | 73   | 27                  |  | 104                                  | 95                  | *                | *  |
| RHODE ISLAND  | 73   | 20                  |  | 35                                   | 32                  | *                | *  |
| RHODE ISLAND  | 73   | 20                  |  | 51                                   | 51                  | *                | *  |
| RHODE ISLAND  | 73   | 13                  |  | 114                                  | 68                  | *                | *  |
| RHODE ISLAND  | 73   | 44                  |  | 114                                  | 74                  | *                | *  |
| RHODE ISLAND  | 73   | 43                  |  | 126                                  | 94                  | *                | *  |
| RHODE ISLAND  | 73   | 45                  |  | 131                                  | 94                  | *                | *  |
| RHODE ISLAND  | 73   | 8                   |  | 138                                  | 132                 | *                | *  |
| RHODE ISLAND  | 73   | 43                  |  | 137                                  | 137                 | *                | *  |
| RHODE ISLAND  | 73   | 45                  | 2  | 156                                  | 153                 | *                | *  |
| RHODE ISLAND  | 73   | 41                  | 3  | 206                                  | 206                 | *                | *  |
| RHODE ISLAND  | 73   | 27                  |  | 108                                  | 95                  | *                | *  |
| RHODE ISLAND  | 73   | 20                  |  | 47                                   | 47                  | *                | *  |
| RHODE ISLAND  | 73   | 45                  |  | 101                                  | 74                  | *                | *  |
| RHODE ISLAND  | 73   | 44                  |  | 113                                  | 94                  | *                | *  |
| RHODE ISLAND  | 73   | 47                  |  | 71                                   | 49                  | *                | *  |
| RHODE ISLAND  | 73   | 45                  |  | 136                                  | 103                 | *                | *  |
| RHODE ISLAND  | 73   | 18                  |  | 53                                   | 50                  | *                | *  |
| RHODE ISLAND  | 73   | 45                  |  | 137                                  | 118                 | *                | *  |
| 121 MERRIMACK VALLEY-SOUTHERN NEW HAMPSHIRE (MASS-N.H.) |      |                     |  |                                      |                     |                  |  |
| MASSACHUSETTS   | 73   | 24                  |  | 97                                   | 90                  | *                | *  |
| MASSACHUSETTS   | 73   | 25                  |  | 79                                   | 76                  | *                | *  |
| MASSACHUSETTS   | 73   | 28                  |  | 119                                  | 116                 | *                | *  |
| MASSACHUSETTS   | 73   | 25                  |  | 126                                  | 105                 | *                | *  |
| MASSACHUSETTS   | 73   | 15                  |  | 74                                   | 68                  | *                | *  |
| MASSACHUSETTS   | 73   | 30                  |  | 135                                  | 69                  | *                | *  |
| NEW HAMPSHIRE   | 73   | 15                  |  | 111                                  | 96                  | *                | *  |
| NEW HAMPSHIRE   | 73   | 34                  |  | 134                                  | 118                 | *                | *  |
| NEW HAMPSHIRE   | 73   | 6                   |  | 75                                   | 74                  | *                | *  |
| NEW HAMPSHIRE   | 73   | 15                  |  | 82                                   | 80                  | *                | *  |
| NEW HAMPSHIRE   | 73   | 40                  |  | 99                                   | 58                  | *                | *  |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION  | YEAR 19-- | NO. OF VALID VALUFS | NO. OF DAILY VALUES EXCLD'G 24-HR STDS. SEC. | HIGHEST 24-HR VALUES UG/CU.M. 1ST | HIGHEST 24-HR VALUES UG/CU.M. 2ND | ANN. S1  |      | A N J A L |
|---|-----------|---------------------|--|-----------------------------------|-----------------------------------|----------|------|-----------|
|   |           |                     |  |                                   |                                   | RADIUS 1 | MEAN |           |
| 121 MERRIMACK VALLEY-SOUTHERN NEW HAMPSHIRE (MASS-N.H.) (CONTINUED) |           |                     |  |                                   |                                   |          |      |           |
| NEW HAMPSHIRE   | 73        | 40                  | 2  | 182                               | 168                               | 1.26     | 1.01 | 76        |
| NEW HAMPSHIRE   | 73        | 43                  |  | 125                               | 102                               | .75      | -.60 | 45        |
| NEW HAMPSHIRE   | 73        | 42                  |  | 131                               | 124                               | .76      | -.61 | 46        |
| NEW HAMPSHIRE   | 73        | 34                  |  | 126                               | 118                               | .71      | -.57 | 43        |
| NEW HAMPSHIRE   | 73        | 36                  | 3  | 185                               | 162                               | *        | *    | 54        |
| NEW HAMPSHIRE   | 73        | 32                  | 3  | 197                               | 197                               | .90      | .72  | 63        |
| NEW HAMPSHIRE   | 73        | 39                  |  | 126                               | 105                               | .90      | -.72 | 54        |
| NEW HAMPSHIRE   | 73        | 38                  | 1  | 96                                | 91                                | *        | *    | 137       |
| NEW HAMPSHIRE   | 73        | 38                  | 1  | 168                               | 143                               | 2.28     | 1.82 | 137       |
| NEW HAMPSHIRE   | 73        | 45                  | 1  | 175                               | 125                               | .93      | .74  | 56        |
| NEW HAMPSHIRE   | 73        | 40                  | 1  | 152                               | 142                               | 1.01     | -.81 | 61        |
| NEW HAMPSHIRE   | 73        | 40                  |  | 99                                | 96                                | .88      | .73  | 53        |
| NEW HAMPSHIRE   | 73        | 31                  |  | 116                               | 102                               | .96      | .76  | 57        |
| NEW HAMPSHIRE   | 73        | 31                  |  | 122                               | 104                               | .96      | .77  | 58        |
| NEW HAMPSHIRE   | 73        | 38                  |  | 186                               | 127                               | 1.05     | .84  | 63        |
| NEW HAMPSHIRE   | 73        | 40                  | 1  | 209                               | 95                                | .85      | .68  | 51        |
| NEW HAMPSHIRE   | 73        | 30                  | 1  | 132                               | 107                               | .81      | -.65 | 49        |
| NEW HAMPSHIRE   | 73        |                     |  |                                   |                                   | *        | *    | 65        |
| 122 CENTRAL MICHIGAN  |           |                     |  |                                   |                                   |          |      |           |
| MICHIGAN  | 73        | 44                  | 3  | 191                               | 189                               | 1.26     | 1.01 | 76        |
| MICHIGAN  | 73        | 60                  | 1  | 306                               | 107                               | .75      | -.60 | 45        |
| MICHIGAN  | 73        | 52                  | 1  | 199                               | 121                               | .76      | -.61 | 46        |
| MICHIGAN  | 73        | 49                  |  | 117                               | 106                               | .71      | -.57 | 43        |
| MICHIGAN  | 73        | 26                  |  | 147                               | 147                               | *        | *    | 54        |
| MICHIGAN  | 73        | 49                  |  | 145                               | 134                               | .90      | .72  | 63        |
| MICHIGAN  | 73        | 53                  | 2  | 188                               | 179                               | 1.05     | .84  | 63        |
| MICHIGAN  | 73        | 43                  |  | 126                               | 99                                | .90      | -.72 | 54        |
| MICHIGAN  | 73        | 35                  | 1  | 161                               | 143                               | *        | *    | 137       |
| MICHIGAN  | 73        | 52                  | 22   | 783                               | 743                               | 2.28     | 1.82 | 137       |
| MICHIGAN  | 73        | 56                  |  | 136                               | 135                               | .93      | .74  | 56        |
| MICHIGAN  | 73        | 59                  | 1  | 192                               | 133                               | 1.01     | -.81 | 61        |
| MICHIGAN  | 73        | 47                  | 5  | 236                               | 195                               | .88      | .73  | 53        |
| MICHIGAN  | 73        | 191                 |  | 143                               | 138                               | .96      | .77  | 58        |
| MICHIGAN  | 73        | 55                  | 1  | 205                               | 114                               | .96      | .77  | 58        |
| MICHIGAN  | 73        | 45                  | 4  | 239                               | 203                               | 1.05     | .84  | 63        |
| MICHIGAN  | 73        | 54                  |  | 129                               | 120                               | .85      | .68  | 51        |
| MICHIGAN  | 73        | 51                  |  | 120                               | 110                               | .81      | -.65 | 49        |
| MICHIGAN  | 73        | 23                  |  | 124                               | 123                               | *        | *    | 65        |
| MICHIGAN  | 73        | 61                  |  | 133                               | 131                               | 1.08     | .86  | 65        |
| MICHIGAN  | 73        | 61                  |  | 133                               | 124                               | 1.05     | .84  | 63        |
| MICHIGAN  | 73        | 60                  | 1  | 165                               | 139                               | 1.13     | .88  | 60        |
| MICHIGAN  | 73        | 61                  |  | 106                               | 103                               | .73      | .58  | 44        |
| MICHIGAN  | 73        | 61                  | 11   | 432                               | 247                               | 1.36     | 1.09 | 82        |
| MICHIGAN  | 73        | 59                  | 1  | 195                               | 144                               | .71      | -.56 | 42        |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTEP SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                 | YEAR | NO. OF VALID VALUES | NO. OF 24-HR VALUES EXC'D'G 24-HR STDS. | HIGHEST 24-HR VALUE UG/CU.M. | ANNUAL RATIOS TO ANNUAL MEAN |      |
|--|------|---------------------|---|------------------------------|------------------------------|------|
|  |      |                     |   |                              | 1ST                          | 2ND  |
| 122 CENTRAL MICHIGAN (CONTINUED)           |      |                     |   |                              |                              |      |
| MICHIGAN                                   | 73   | 61                  | 2                                       | 97                           | 87                           | .56  |
| MICHIGAN                                   | 73   | 54                  |   | 176                          | 165                          | .85  |
| MICHIGAN                                   | 73   | 61                  |   | 123                          | 117                          | .85  |
| MICHIGAN                                   | 73   | 61                  |   | 123                          | 119                          | .81  |
| MICHIGAN                                   | 73   | 58                  |   | 126                          | 120                          | .90  |
| MICHIGAN                                   | 73   | 61                  |   | 141                          | 120                          | .71  |
| MICHIGAN                                   | 73   | 57                  | 6                                       | 281                          | 234                          | 1.15 |
| MICHIGAN                                   | 73   | 27                  |   | 96                           | 89                           | *    |
| MICHIGAN                                   | 73   | 6                   |   | 87                           | 80                           | *    |
| MICHIGAN                                   | 73   | 55                  |   | 107                          | 104                          | .83  |
| MICHIGAN                                   | 73   | 57                  |   | 135                          | 115                          | .85  |
| MICHIGAN                                   | 73   | 57                  | 8                                       | 230                          | 225                          | 1.05 |
| MICHIGAN                                   | 73   | 42                  |   | 134                          | 99                           | *    |
| MICHIGAN                                   | 73   | 60                  |   | 107                          | 91                           | .71  |
| MICHIGAN                                   | 73   | 60                  |   | 116                          | 107                          | .86  |
| MICHIGAN                                   | 73   | 60                  |   | 116                          | 107                          | .86  |
| 123 METROPOLITAN DETROIT-PORT HURON (MICH) |      |                     |   |                              |                              |      |
| MICHIGAN                                   | 73   | 52                  | 8                                       | 296                          | 271                          | 1.50 |
| MICHIGAN                                   | 73   | 25                  | 3                                       | 253                          | 182                          | *    |
| MICHIGAN                                   | 73   | 51                  | 3                                       | 492                          | 400                          | 2.93 |
| MICHIGAN                                   | 73   | 53                  | 2                                       | 178                          | 152                          | 1.00 |
| MICHIGAN                                   | 73   | 27                  | 7                                       | 261                          | 215                          | *    |
| MICHIGAN                                   | 73   | 54                  | 1                                       | 190                          | 140                          | 1.00 |
| MICHIGAN                                   | 73   | 54                  | 8                                       | 373                          | 357                          | 2.58 |
| MICHIGAN                                   | 73   | 54                  | 14                                      | 348                          | 337                          | 1.90 |
| MICHIGAN                                   | 73   | 55                  | 8                                       | 214                          | 209                          | 1.56 |
| MICHIGAN                                   | 73   | 54                  | 9                                       | 253                          | 236                          | 1.46 |
| MICHIGAN                                   | 73   | 53                  | 9                                       | 249                          | 243                          | 1.38 |
| MICHIGAN                                   | 73   | 45                  | 18                                      | 249                          | 243                          | 2.08 |
| MICHIGAN                                   | 73   | 60                  | 2                                       | 166                          | 162                          | 1.30 |
| MICHIGAN                                   | 73   | 60                  | 4                                       | 175                          | 161                          | 1.20 |
| MICHIGAN                                   | 73   | 55                  | 4                                       | 165                          | 161                          | 1.26 |
| MICHIGAN                                   | 73   | 55                  | 4                                       | 140                          | 137                          | .95  |
| MICHIGAN                                   | 73   | 57                  |   | 94                           | 88                           | .55  |
| MICHIGAN                                   | 73   | 60                  | 1                                       | 153                          | 148                          | 1.03 |
| MICHIGAN                                   | 73   | 57                  | 2                                       | 187                          | 176                          | .86  |
| MICHIGAN                                   | 73   | 55                  |   | 122                          | 121                          | .95  |
| MICHIGAN                                   | 73   | 58                  |   | 136                          | 124                          | .76  |
| MICHIGAN                                   | 73   | 60                  |   | 140                          | 122                          | .81  |
| MICHIGAN                                   | 73   | 44                  | 4                                       | 283                          | 219                          | 1.11 |
| MICHIGAN                                   | 73   | 51                  | 6                                       | 238                          | 225                          | 1.23 |
| MICHIGAN                                   | 73   | 48                  | 2                                       | 240                          | 196                          | 1.05 |

\*\* PRIORITY 1 \*\* AS OF JUNE 07, 1974

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION | 123 METROPOLITAN DETROIT-PORT HURON (MICH) (CONTINUED) | YEAR | 19-- | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. Ppt. | HIGHEST 24-HR VALUES UG/CU.M. | ANNUAL RATIOS TO GEOM. MEAN |                     |           |          |
|----------------------------|--|------|------|--|-------------------------------|-----------------------------|---------------------|-----------|----------|
|                            |  |      |      |  |                               | 1ST                         | 2ND                 | SEC. PRI. | UG/CU.M. |
| MICHIGAN                   | 23 4340001 F01 PORT HURON                              | 73   | 57   | 9  | 213                           | 183                         | 1.40                | 1.12      | 84       |
| MICHIGAN                   | 23 4340002 F01 PORT HURON                              | 73   | 57   | 11   | 413                           | 342                         | 1.35                | 1.08      | 81       |
| MICHIGAN                   | 23 4340003 F01 PORT HURON                              | 73   | 15   |  | 134                           | 93                          | *                   | *         |          |
| MICHIGAN                   | 23 4340004 F01 PORT HURON                              | 73   | 51   | 1  | 187                           | 100                         | .73                 | .58       | 44       |
| MICHIGAN                   | 23 4420005 G01 RIVER ROUGE                             | 73   | 53   | 13   | 356                           | 347                         | 1.81                | 1.45      | 109      |
| MICHIGAN                   | 23 4580001 F01 KAYAL OAK                               | 73   | 52   | 3  | 187                           | 169                         | 1.13                | .90       | 68       |
| MICHIGAN                   | 23 4600002 F01 ST CLAIR                                | 73   | 54   |  | 129                           | 128                         | .91                 | .73       | 55       |
| MICHIGAN                   | 23 4640001 F01 ST CLAIR SHORES                         | 73   | 59   | 2  | 176                           | 153                         | 1.13                | .90       | 68       |
| MICHIGAN                   | 23 4880001 F01 SOUTHFIELD                              | 73   | 30   | 2  | 163                           | 157                         | *                   | *         |          |
| MICHIGAN                   | 23 5010001 F01 STERLING HEIGHTS                        | 73   | 57   | 5  | 219                           | 197                         | 1.20                | .96       | 72       |
| MICHIGAN                   | 23 5010002 F01 STERLING HEIGHTS                        | 73   | 59   | 4  | 277                           | 169                         | 1.05                | .84       | 63       |
| MICHIGAN                   | 23 5120001 A01 TRENTON                                 | 73   | 23   | 1  | 166                           | 150                         | *                   | *         |          |
| MICHIGAN                   | 23 5120003 G01 TRENTON                                 | 73   | 50   | 2  | 158                           | 152                         | 1.11                | .89       | 67       |
| MICHIGAN                   | 23 5260001 F01 WARREN                                  | 73   | 60   | 7  | 187                           | 184                         | 1.33                | 1.06      | 80       |
| MICHIGAN                   | 23 5260002 F01 WARREN                                  | 73   | 59   | 5  | 227                           | 196                         | 1.11                | .89       | 67       |
| MICHIGAN                   | 23 5320009 G01 WAYNE COUNTY                            | 73   | 53   | 3  | 254                           | 209                         | 1.00                | .80       | 60       |
| MICHIGAN                   | 23 5325001 G01 WESTLAC                                 | 73   | 53   |  | 122                           | 118                         | .95                 | .76       | 57       |
| MICHIGAN                   | 23 5420001 G01 WYANDOTTE                               | 73   | 55   | 4  | 240                           | 215                         | 1.26                | 1.01      | 76       |
|                            | 124 METROPOLITAN TOLEDO (MICH-OHIO)                    |      |      | ** PRIORITY 1 **                             |                               |                             | AS OF JUNE 07, 1974 |           |          |
| MICHIGAN                   | 23 3580003 F01 MONROE                                  | 73   | 59   | 2  | 178                           | 157                         | 1.03                | .82       | 62       |
| MICHIGAN                   | 23 3580004 F01 MONROE                                  | 73   | 60   | 7  | 239                           | 203                         | 1.28                | 1.02      | 77       |
| MICHIGAN                   | 23 3580020 F01 MONROE                                  | 73   | 16   | 2  | 209                           | 174                         | *                   | *         |          |
| MICHIGAN                   | 23 3600008 F01 MONROE COUNTY                           | 73   | 59   | 1  | 180                           | 143                         | 1.26                | 1.01      | 76       |
| OHIO                       | 36 6680001 F01 BOWLING GREEN                           | 73   | 19   |  | 102                           | 101                         | *                   | *         |          |
| OHIO                       | 36 4920001 F01 NORTH BALTIMORE                         | 73   | 25   |  | 144                           | 93                          | *                   | *         |          |
| OHIO                       | 36 5025001 F01 NORTHWOOD                               | 73   | 26   |  | 139                           | 136                         | *                   | *         |          |
| OHIO                       | 36 5200002 H01 OREGON                                  | 73   | 19   | 1  | 180                           | 143                         | *                   | *         |          |
| OHIO                       | 36 5460001 F01 PEKAYSBURG                              | 73   | 25   |  | 110                           | 106                         | *                   | *         |          |
| OHIO                       | 36 6600001 A01 TOLEDO                                  | 73   | 25   | 1  | 113                           | 111                         | *                   | *         |          |
| OHIO                       | 36 6600001 A01 TOLEDO                                  | 73   | 25   | 1  | 172                           | 141                         | *                   | *         |          |
| OHIO                       | 36 6600003 H01 TOLEDO                                  | 73   | 25   | 1  | 155                           | 131                         | *                   | *         |          |
| OHIO                       | 36 6600011 H01 TOLEDO                                  | 73   | 25   | 1  | 189                           | 145                         | *                   | *         |          |
| OHIO                       | 36 6600013 H01 TOLEDO                                  | 73   | 22   | 1  | 164                           | 122                         | *                   | *         |          |
| OHIO                       | 36 6600014 H01 TOLEDO                                  | 73   | 24   | 1  | 163                           | 143                         | *                   | *         |          |
| OHIO                       | 36 6600015 H01 TOLEDO                                  | 73   | 24   | 3  | 178                           | 167                         | *                   | *         |          |
| OHIO                       | 36 6600016 H01 TOLEDO                                  | 73   | 24   | 1  | 157                           | 132                         | *                   | *         |          |
| OHIO                       | 36 6600018 H01 TOLEDO                                  | 73   | 25   | 1  | 427                           | 141                         | *                   | *         |          |
| OHIO                       | 36 6600019 H01 TOLEDO                                  | 73   | 24   | 2  | 202                           | 152                         | *                   | *         |          |
|                            | 125 SOUTH CENTRAL MICHIGAN                             |      |      | ** PRIORITY 2 **                             |                               |                             | AS OF JUNE 07, 1974 |           |          |
| MICHIGAN                   | 23 0040001 F01 ALBION                                  | 73   | 48   |  | 121                           | 97                          | .78                 | .62       | 47       |
| MICHIGAN                   | 23 0240002 F01 ANN ARBOR                               | 73   | 33   |  | 118                           | 106                         | *                   | *         |          |
| MICHIGAN                   | 23 0300001 F01 BATTLE CREEK                            | 73   | 54   |  | 137                           | 120                         | .91                 | .73       | 57       |

**Table A-1 (continued). SUSPENDED PARTICULATE DATA**

METHOD: GRAVIMETRIC, 24-HOUR FI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                           | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D 24-HR STDS. SEC. | HIGHEST 24-HR VALUES UG/CU.M. | RATIOS TO A N N U A L |                     |      |
|--|------|---------------------|--|-------------------------------|-----------------------|---------------------|------|
|  |      |                     |  |                               | ANN. STDS SEC.        | GEOM. MEAN UG/CU.M. |      |
| <b>125 SOUTH CENTRAL MICHIGAN (CONTINUED)</b>        |      |                     |  |                               |                       |                     |      |
| MICHIGAN   | 73   | 50                  |  | 97                            | 93                    | .76                 | .61  |
| MICHIGAN   | 73   | 47                  |  | 125                           | 123                   | *                   | *    |
| MICHIGAN   | 73   | 52                  | 1  | 167                           | 117                   | .80                 | .64  |
| MICHIGAN   | 73   | 61                  | 1  | 155                           | 136                   | .93                 | .74  |
| MICHIGAN   | 73   | 60                  |  | 103                           | 92                    | .68                 | .54  |
| MICHIGAN   | 73   | 26                  |  | 130                           | 129                   | *                   | *    |
| MICHIGAN   | 73   | 49                  |  | 139                           | 127                   | .95                 | .76  |
| MICHIGAN   | 73   | 44                  |  | 121                           | 119                   | .96                 | .77  |
| MICHIGAN   | 73   | 26                  | 1  | 191                           | 135                   | *                   | *    |
| <b>126 UPPER MICHIGAN</b>                            |      |                     |  |                               |                       |                     |      |
| MICHIGAN   | 73   | 61                  | 6  | 1,408                         | 386                   | 1.00                | .80  |
| MICHIGAN   | 73   | 59                  | 1  | 242                           | 126                   | .90                 | .72  |
| MICHIGAN   | 73   | 59                  | 5  | 322                           | 218                   | .75                 | .60  |
| MICHIGAN   | 73   | 50                  |  | 108                           | 91                    | .50                 | .40  |
| MICHIGAN   | 73   | 54                  |  | 136                           | 115                   | .61                 | .49  |
| MICHIGAN   | 73   | 17                  | 1  | 90                            | 80                    | .46                 | .37  |
| MICHIGAN   | 73   | 8                   |  | 177                           | 111                   | *                   | *    |
| MICHIGAN   | 73   | 15                  |  | 61                            | 41                    | *                   | *    |
| MICHIGAN   | 73   | 60                  |  | 85                            | 59                    | *                   | *    |
| MICHIGAN   | 73   | 60                  |  | 104                           | 94                    | .56                 | .45  |
| MICHIGAN   | 73   | 59                  |  | 95                            | 92                    | .45                 | .36  |
| MICHIGAN   | 73   | 59                  |  | 143                           | 131                   | .40                 | .32  |
| MICHIGAN   | 73   | 59                  |  | 119                           | 88                    | .46                 | .37  |
| MICHIGAN   | 73   | 44                  |  | 107                           | 99                    | *                   | *    |
| MICHIGAN   | 73   | 42                  |  | 87                            | 56                    | *                   | *    |
| MICHIGAN   | 73   | 55                  |  | 129                           | 120                   | .58                 | .46  |
| MICHIGAN   | 73   | 54                  | 3  | 235                           | 170                   | .91                 | .73  |
| MICHIGAN   | 73   | 37                  |  | 84                            | 65                    | .41                 | .33  |
| <b>127 CENTRAL MINNESOTA</b>                         |      |                     |  |                               |                       |                     |      |
| MINNESOTA  | 24   | 75                  | 1  | 157                           | 135                   | .98                 | .78  |
| MINNESOTA  | 24   | 71                  | 1  | 166                           | 142                   | .78                 | .62  |
| MINNESOTA  | 24   | 75                  |  | 133                           | 124                   | .85                 | .68  |
| MINNESOTA  | 24   | 81                  | 1  | 195                           | 105                   | .55                 | .44  |
| MINNESOTA  | 24   | 85                  |  | 98                            | 87                    | .48                 | .39  |
| MINNESOTA  | 24   | 72                  |  | 125                           | 89                    | .71                 | .57  |
| MINNESOTA  | 24   | 77                  | 1  | 221                           | 139                   | .78                 | .62  |
| <b>128 SCUTHEAST MINNESOTA-LA CROSSE (MINN-MISC)</b> |      |                     |  |                               |                       |                     |      |
| MINNESOTA  | 24   | 85                  | 1  | 255                           | 135                   | .95                 | .76  |
| MINNESOTA  | 24   | 82                  | 5  | 255                           | 212                   | 1.28                | 1.02 |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                                | YEAR | NO. OF VALID VALUES | NO. OF VALUES EXC. 24-HR. STUD. PRI. | HIGHEST 24-HR. VALUE UG/CU.M. | ANNUAL STATUS |          | STATUS TO BE MET |
|---|------|---------------------|--------------------------------------|-------------------------------|---------------|----------|------------------|
|   |      |                     |                                      |                               | 1ST SEC.      | 2ND SEC. |                  |
| 128 SOUTHEAST MINNESOTA-LA CROSSE (MINN-WISC) (CONTINUED) |      |                     |                                      |                               |               |          |                  |
| MINNESOTA   | 73   | 59                  | 10                                   | 136                           | 135           | *        | *                |
| MINNESOTA   | 73   | 235                 | 1                                    | 290                           | 228           | 1.13     | .90              |
| MINNESOTA   | 73   | 87                  | 1                                    | 179                           | 133           | .96      | .77              |
| MINNESOTA   | 73   | 89                  | 2                                    | 178                           | 161           | .86      | .64              |
| MINNESOTA   | 73   | 66                  | 4                                    | 242                           | 160           | 1.18     | .94              |
| MINNESOTA   | 73   | 86                  | 1                                    | 203                           | 129           | .91      | .73              |
| MINNESOTA   | 73   | 16                  | 3                                    | 177                           | 172           | *        | *                |
| MINNESOTA   | 73   | 52                  | 3                                    | 172                           | 169           | *        | *                |
| MINNESOTA   | 73   | 70                  |                                      | 88                            | 86            | *        | *                |
| MINNESOTA   | 73   | 23                  |                                      | 67                            | 65            | *        | *                |
| WISCONSIN   | 73   | 59                  |                                      | 61                            | 59            | .41      | .33              |
| WISCONSIN   | 73   | 213                 | 1                                    | 342                           | 130           | .66      | .53              |
| WISCONSIN   | 73   | 43                  | 1                                    | 239                           | 111           | .76      | .61              |
| WISCONSIN   | 73   | 55                  |                                      | 124                           | 115           | .58      | .46              |
| 129 DULUTH-SUPERIOR (MINN-WISC)                           |      |                     |                                      |                               |               |          |                  |
| MINNESOTA   | 73   | 29                  | 3                                    | 232                           | 224           | *        | *                |
| MINNESOTA   | 73   | 24                  |                                      | 164                           | 96            | *        | *                |
| MINNESOTA   | 73   | 85                  | 8                                    | 213                           | 207           | 1.03     | .82              |
| MINNESOTA   | 73   | 91                  | 2                                    | 206                           | 161           | .75      | .60              |
| MINNESOTA   | 73   | 90                  | 4                                    | 280                           | 250           | 1.35     | 1.08             |
| MINNESOTA   | 73   | 89                  | 7                                    | 220                           | 214           | 1.28     | 1.02             |
| MINNESOTA   | 73   | 90                  | 1                                    | 157                           | 144           | 1.03     | .82              |
| MINNESOTA   | 73   | 78                  | 2                                    | 187                           | 176           | 1.01     | .81              |
| MINNESOTA   | 73   | 239                 | 19                                   | 213                           | 207           | 1.23     | .98              |
| MINNESOTA   | 73   | 63                  | 1                                    | 201                           | 122           | *        | *                |
| MINNESOTA   | 73   | 64                  | 2                                    | 189                           | 174           | .48      | .38              |
| MINNESOTA   | 73   | 71                  |                                      | 133                           | 126           | .71      | .57              |
| MINNESOTA   | 73   | 70                  | 1                                    | 174                           | 134           | .65      | .52              |
| MINNESOTA   | 73   | 23                  | 7                                    | 457                           | 283           | *        | *                |
| MINNESOTA   | 73   | 24                  |                                      | 54                            | 40            | *        | *                |
| MINNESOTA   | 73   | 13                  |                                      | 143                           | 75            | *        | *                |
| MINNESOTA   | 73   | 46                  | 5                                    | 223                           | 202           | *        | *                |
| MINNESOTA   | 73   | 84                  | 1                                    | 160                           | 139           | .71      | .57              |
| MINNESOTA   | 73   | 38                  |                                      | 88                            | 60            | .35      | .28              |
| MINNESOTA   | 73   | 51                  |                                      | 145                           | 129           | *        | *                |
| MINNESOTA   | 73   | 46                  | 3                                    | 205                           | 159           | *        | *                |
| MINNESOTA   | 73   | 48                  |                                      | 90                            | 92            | *        | *                |
| MINNESOTA   | 73   | 49                  | 7                                    | 522                           | 205           | *        | *                |
| MINNESOTA   | 73   | 45                  |                                      | 130                           | 127           | *        | *                |
| MINNESOTA   | 73   | 44                  |                                      | 69                            | 65            | *        | *                |
| MINNESOTA   | 73   | 84                  | 2                                    | 228                           | 180           | .70      | .56              |
| WISCONSIN   | 73   | 15                  |                                      | 97                            | 90            | *        | *                |
| WISCONSIN   | 73   | 141                 | 2                                    | 192                           | 151           | .66      | .53              |
| WISCONSIN   | 73   | 143                 |                                      | 142                           | 132           | .60      | .48              |
| WISCONSIN   | 73   | 135                 | 7                                    | 195                           | 162           | 1.26     | 1.01             |

AS OF JUNE 07, 1974

\*\* PRIORITY 1 \*\*



Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR FI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                | YEAR | NO. OF VALU | NO. OF VALU | NG. OF DAILY VALU | EXC'D'D'G 24-HR STDS. PRI. | HIGHEST 24-HR VALU | RATIOS TO ANNUAL |     | AS OF JUNE 07, 1974 |                 |          |      |
|---|------|-------------|-------------|-------------------|----------------------------|--------------------|------------------|-----|---------------------|-----------------|----------|------|
|   |      |             |             |                   |                            |                    | 1ST              | 2ND |                     | ANN. STDS. PRI. | UG/CJ.M. |      |
| 130 METROPOLITAN FARGO-MOORHEAD (MINN-D.) |      |             |             |                   |                            |                    |                  |     |                     |                 |          |      |
| MINNESOTA                                 | 24   | 2320001     | AUI         | MOORHEAD          | 73                         | 5                  | 2                | 4   | 472                 | 157             | *        | *    |
| MINNESOTA                                 | 24   | 2320003     | F01         | MOORHEAD          | 73                         | 9                  | 3                | 1   | 295                 | 172             | *        | *    |
| MINNESOTA                                 | 24   | 2320004     | F01         | MORRHEAD          | 73                         | 62                 | 6                | 1   | 374                 | 176             | 1.03     | .82  |
| MINNESOTA                                 | 24   | 2320005     | F01         | MORRHEAD          | 73                         | 64                 | 3                | 1   | 503                 | 237             | .93      | .74  |
| NORTH DAKOTA                              | 35   | 0220001     | F03         | CASS COUNTY       | 73                         | 60                 | 5                | 2   | 488                 | 271             | .80      | .64  |
| NORTH DAKOTA                              | 35   | 0400001     | F01         | FARGO             | 73                         | 57                 | 3                | 3   | 422                 | 337             | .95      | .76  |
| NORTH DAKOTA                              | 35   | 0400002     | F01         | FARGO             | 73                         | 01                 | 7                | 2   | 272                 | 271             | 1.35     | 1.08 |
| 131 MINNEAPOLIS-ST. PAUL (MINN)           |      |             |             |                   |                            |                    |                  |     |                     |                 |          |      |
| MINNESOTA                                 | 24   | 0360004     | F01         | BLOOMINGTON       | 73                         | 72                 | 1                | 1   | 133                 | 123             | .78      | .62  |
| MINNESOTA                                 | 24   | 0360009     | F01         | BLOOMINGTON       | 73                         | 44                 | 1                | 1   | 145                 | 141             | 1.06     | .85  |
| MINNESOTA                                 | 24   | 0360010     | H01         | BLOOMINGTON       | 73                         | 21                 | 1                | 1   | 146                 | 113             | *        | *    |
| MINNESOTA                                 | 24   | 0360011     | H01         | BLOOMINGTON       | 73                         | 22                 | 1                | 1   | 109                 | 92              | *        | *    |
| MINNESOTA                                 | 24   | 0940020     | F02         | DAKOTA COUNTY     | 73                         | 66                 | 4                | 4   | 211                 | 199             | 1.18     | .94  |
| MINNESOTA                                 | 24   | 1460005     | F01         | HASTINGS          | 73                         | 72                 | 5                | 5   | 182                 | 181             | .71      | .57  |
| MINNESOTA                                 | 24   | 2260001     | H01         | MINNEAPOLIS       | 73                         | 18                 | 1                | 1   | 280                 | 259             | 1.21     | .97  |
| MINNESOTA                                 | 24   | 2260005     | H01         | MINNEAPOLIS       | 73                         | 81                 | 5                | 5   | 262                 | 119             | *        | *    |
| MINNESOTA                                 | 24   | 2260007     | H01         | MINNEAPOLIS       | 73                         | 85                 | 6                | 1   | 262                 | 260             | 1.20     | .96  |
| MINNESOTA                                 | 24   | 2260014     | H01         | MINNEAPOLIS       | 73                         | 03                 | 10               | 1   | 225                 | 221             | 1.38     | 1.10 |
| MINNESOTA                                 | 24   | 2260020     | H01         | MINNEAPOLIS       | 73                         | 25                 | 1                | 1   | 230                 | 131             | *        | *    |
| MINNESOTA                                 | 24   | 2260022     | H01         | MINNEAPOLIS       | 73                         | 86                 | 7                | 7   | 131                 | 100             | .85      | .68  |
| MINNESOTA                                 | 24   | 2260027     | F01         | MINNEAPOLIS       | 73                         | 88                 | 7                | 7   | 229                 | 177             | 1.48     | 1.18 |
| MINNESOTA                                 | 24   | 3080002     | H01         | RICHFIELD         | 73                         | 214                | 43               | 1   | 269                 | 253             | 1.71     | 1.37 |
| MINNESOTA                                 | 24   | 3080003     | H01         | RICHFIELD         | 73                         | 45                 | 7                | 7   | 72                  | 70              | .81      | .65  |
| MINNESOTA                                 | 24   | 3080006     | F01         | ST LOUIS PARK     | 73                         | 45                 | 7                | 7   | 150                 | 145             | .93      | .74  |
| MINNESOTA                                 | 24   | 3300001     | H01         | ST PAUL           | 73                         | 75                 | 7                | 7   | 115                 | 101             | *        | *    |
| MINNESOTA                                 | 24   | 3300001     | H01         | ST PAUL           | 73                         | 23                 | 2                | 2   | 182                 | 153             | 1.08     | .86  |
| MINNESOTA                                 | 24   | 3300003     | H01         | ST PAUL           | 73                         | 91                 | 9                | 9   | 261                 | 224             | 1.35     | 1.08 |
| MINNESOTA                                 | 24   | 3300013     | H01         | ST PAUL           | 73                         | 91                 | 9                | 1   | 154                 | 97              | .81      | .65  |
| MINNESOTA                                 | 24   | 3300014     | H01         | ST PAUL           | 73                         | 87                 | 1                | 1   | 172                 | 156             | 1.05     | .84  |
| MINNESOTA                                 | 24   | 3300016     | H01         | ST PAUL           | 73                         | 89                 | 2                | 2   | 121                 | 105             | .75      | .60  |
| MINNESOTA                                 | 24   | 3300018     | H01         | ST PAUL           | 73                         | 90                 | 3                | 3   | 262                 | 176             | .95      | .76  |
| MINNESOTA                                 | 24   | 3300021     | H01         | ST PAUL           | 73                         | 91                 | 3                | 1   | 161                 | 148             | 1.05     | .84  |
| MINNESOTA                                 | 24   | 3300023     | H01         | ST PAUL           | 73                         | 88                 | 1                | 1   | 208                 | 98              | .78      | .62  |
| MINNESOTA                                 | 24   | 3300024     | H01         | ST PAUL           | 73                         | 90                 | 1                | 1   | 181                 | 107             | .90      | .72  |
| MINNESOTA                                 | 24   | 3300030     | H01         | ST PAUL           | 73                         | 91                 | 1                | 1   | 241                 | 202             | *        | *    |
| MINNESOTA                                 | 24   | 3320004     | F02         | ST PAUL PARK      | 73                         | 42                 | 3                | 3   | 157                 | 151             | .96      | .77  |
| MINNESOTA                                 | 24   | 3320002     | F01         | STILLWATER        | 73                         | 86                 | 3                | 3   | 150                 | 145             | *        | *    |
| MINNESOTA                                 | 24   | 4040002     | F01         | WAYZATA           | 73                         | 49                 | 2                | 2   | 227                 | 193             | *        | *    |
| MINNESOTA                                 | 24   | 4040003     | F01         | WAYZATA           | 73                         | 52                 | 2                | 2   | 167                 | 119             | *        | *    |
| 132 NORTHWEST MINNESOTA                   |      |             |             |                   |                            |                    |                  |     |                     |                 |          |      |
| MINNESOTA                                 | 24   | 0260002     | F01         | BEHNDJI           | 73                         | 76                 | 2                | 1   | 618                 | 169             | .48      | .38  |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                 | YEAR | NO. OF VALS | NO. OF DAILY VALS EXC'D 24-HR STDS. | HIGHEST 24-HR VALS UG/CU.M. | RATIOS TO MEAN |     | AS OF JUNE 07, 1974 |      |      |    |
|--|------|-------------|-------------------------------------|-----------------------------|----------------|-----|---------------------|------|------|----|
|  |      |             |                                     |                             | 1ST            | 2ND |                     |      |      |    |
| <b>132 NORTHWEST MINNESOTA (CONTINUED)</b> |      |             |                                     |                             |                |     |                     |      |      |    |
| MINNESOTA                                  | 24   | 0420001     | F01 BRAINERD                        | 73                          | 75             | 114 | 108                 | .65  | .52  | 39 |
| MINNESOTA                                  | 24   | 1060001     | F01 EAST GRAND FORKS                | 73                          | 62             | 319 | 265                 | 1.46 | 1.17 | 88 |
| MINNESOTA                                  | 24   | 1220001     | F01 FERGUS FALLS                    | 73                          | 15             | 109 | 94                  | *    | *    |    |
| <b>133 SOUTHWEST MINNESOTA</b>             |      |             |                                     |                             |                |     |                     |      |      |    |
| MINNESOTA                                  | 24   | 1600001     | F01 HUTCHINSON                      | 73                          | 45             | 244 | 217                 | *    | *    |    |
| MINNESOTA                                  | 24   | 2140001     | F01 MARSHALL                        | 73                          | 60             | 318 | 237                 | *    | *    |    |
| MINNESOTA                                  | 24   | 2700001     | F01 JRTUNVILLE                      | 73                          | 98             | 144 | 120                 | .65  | .52  | 39 |
| MINNESOTA                                  | 24   | 4140001     | F01 WILLMAR                         | 73                          | 74             | 131 | 109                 | .50  | .72  | 54 |
| MINNESOTA                                  | 24   | 4220001     | F01 WCRTRINGTON                     | 73                          | 68             | 185 | 176                 | .96  | .77  | 58 |
| <b>135 NORTHEAST MISSISSIPPI</b>           |      |             |                                     |                             |                |     |                     |      |      |    |
| MISSISSIPPI                                | 25   | 1705001     | F01 MACON                           | 73                          | 30             | 119 | 117                 | *    | *    |    |
| <b>136 NORTHERN PIEDMONT (N.C.)</b>        |      |             |                                     |                             |                |     |                     |      |      |    |
| NORTH CAROLINA                             | 34   | 0160002     | F01 ASHEBORO                        | 73                          | 42             | 203 | 149                 | *    | *    |    |
| NORTH CAROLINA                             | 34   | 0440001     | F02 BURLINGTON                      | 73                          | 44             | 149 | 125                 | *    | *    |    |
| NORTH CAROLINA                             | 34   | 1275002     | F02 EDEN                            | 73                          | 43             | 159 | 118                 | *    | *    |    |
| NORTH CAROLINA                             | 34   | 1480001     | G01 FORSYTH COUNTY                  | 73                          | 36             | 187 | 69                  | *    | *    |    |
| NORTH CAROLINA                             | 34   | 1480002     | G01 FORSYTH COUNTY                  | 73                          | 45             | 102 | 96                  | *    | *    |    |
| NORTH CAROLINA                             | 34   | 1480003     | G01 FORSYTH COUNTY                  | 73                          | 42             | 119 | 112                 | *    | *    |    |
| NORTH CAROLINA                             | 34   | 1640001     | F02 GRAHAM                          | 73                          | 44             | 90  | 86                  | *    | *    |    |
| NORTH CAROLINA                             | 34   | 1740001     | A01 GREENSBORO                      | 73                          | 31             | 226 | 172                 | 1.40 | 1.12 | 84 |
| NORTH CAROLINA                             | 34   | 1740002     | G02 GREENSBORO                      | 73                          | 38             | 335 | 258                 | *    | *    |    |
| NORTH CAROLINA                             | 34   | 1740003     | G01 GREENSBORO                      | 73                          | 44             | 206 | 172                 | *    | *    |    |
| NORTH CAROLINA                             | 34   | 1780010     | G02 GUILFORD COUNTY                 | 73                          | 36             | 104 | 88                  | *    | *    |    |
| NORTH CAROLINA                             | 34   | 2000002     | G02 HIGH POINT                      | 73                          | 16             | 159 | 145                 | *    | *    |    |
| NORTH CAROLINA                             | 34   | 2000003     | G02 HIGH POINT                      | 73                          | 15             | 129 | 123                 | *    | *    |    |
| NORTH CAROLINA                             | 34   | 2180001     | G01 KERNERSVILLE                    | 73                          | 43             | 155 | 154                 | *    | *    |    |
| NORTH CAROLINA                             | 34   | 2340001     | F02 LEXINGTON                       | 73                          | 42             | 130 | 121                 | *    | *    |    |
| NORTH CAROLINA                             | 34   | 2760001     | F02 MOUNT AIRY                      | 73                          | 43             | 145 | 134                 | *    | *    |    |
| NORTH CAROLINA                             | 34   | 3300001     | F01 REICSVILLE                      | 73                          | 44             | 180 | 117                 | *    | *    |    |
| NORTH CAROLINA                             | 34   | 4020001     | F02 THOMASVILLE                     | 73                          | 42             | 151 | 147                 | *    | *    |    |
| NORTH CAROLINA                             | 34   | 4460002     | A01 WINSTON-SALEM                   | 73                          | 22             | 169 | 138                 | *    | *    |    |
| NORTH CAROLINA                             | 34   | 4460002     | G02 WINSTON-SALEM                   | 73                          | 45             | 161 | 155                 | *    | *    |    |
| NORTH CAROLINA                             | 34   | 4460003     | G02 WINSTON-SALEM                   | 73                          | 46             | 198 | 176                 | *    | *    |    |
| NORTH CAROLINA                             | 34   | 4460005     | G01 WINSTON-SALEM                   | 73                          | 42             | 137 | 113                 | *    | *    |    |
| NORTH CAROLINA                             | 34   | 4460006     | G01 WINSTON-SALEM                   | 73                          | 42             | 221 | 192                 | *    | *    |    |
| NORTH CAROLINA                             | 34   | 4460007     | G01 WINSTON-SALEM                   | 73                          | 10             | 103 | 85                  | *    | *    |    |
| NORTH CAROLINA                             | 34   | 4460008     | G01 WINSTON-SALEM                   | 73                          | 41             | 218 | 210                 | *    | *    |    |
| NORTH CAROLINA                             | 34   | 4460009     | G02 WINSTON-SALEM                   | 73                          | 45             | 168 | 146                 | *    | *    |    |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION          | NO. OF DAILY VALUES EXC'D*G 24-HR STD. PRI. | NO. OF VALID VALUES | YEAR 19-- | HIGHEST 24-HR VALUES UG/CU.M. | RATIOS TO GEOM. MEAN |                | AS OF JUNE 07, 1974 |
|-------------------------------------|---|---------------------|-----------|-------------------------------|----------------------|----------------|---------------------|
|                                     |   |                     |           |                               | ANN. STD. SEC. PRI.  | STDS. UG/CU.M. |                     |
| 137 NORTHERN MISSOURI               |   |                     |           |                               |                      |                |                     |
| MISSOURI                            | 26 1120002 F01 COLUMBIA                     | 36                  | 73        | 153                           | 124                  | *              | *                   |
| MISSOURI                            | 26 1120003 F01 COLUMBIA                     | 35                  | 73        | 153                           | 135                  | *              | *                   |
| MISSOURI                            | 26 1740001 F01 FULTON                       | 56                  | 73        | 193                           | 85                   | -.63           | .50                 |
| MISSOURI                            | 26 1920002 F01 MANNIBAL                     | 27                  | 73        | 189                           | 188                  | *              | *                   |
| MISSOURI                            | 26 2440001 F01 KIRKSVILLE                   | 21                  | 73        | 128                           | 120                  | *              | *                   |
| MISSOURI                            | 26 2980001 F01 MARYVILLE                    | 61                  | 73        | 199                           | 145                  | .75            | .60                 |
| MISSOURI                            | 26 3020001 F01 MEXICO                       | 52                  | 73        | 185                           | 126                  | .80            | .64                 |
| MISSOURI                            | 26 3020004 F01 MEXICO                       | 50                  | 73        | 323                           | 289                  | 1.81           | 1.45                |
| 138 SOUTHEAST MISSOURI              |   |                     |           |                               |                      |                |                     |
| MISSOURI                            | 26 0700001 F01 CAPE GIRARDEAU               | 35                  | 73        | 154                           | 85                   | *              | *                   |
| MISSOURI                            | 26 0700002 F01 CAPE GIRARDEAU               | 39                  | 73        | 129                           | 115                  | *              | *                   |
| MISSOURI                            | 26 2200004 F01 IRON COUNTY                  | 32                  | 73        | 115                           | 114                  | .76            | .61                 |
| MISSOURI                            | 26 3280001 F01 NEW MADRID                   | 14                  | 73        | 175                           | 174                  | *              | *                   |
| MISSOURI                            | 26 3800001 F01 POPLAR BLUFF                 | 28                  | 73        | 411                           | 274                  | *              | *                   |
| MISSOURI                            | 26 3800002 F01 POPLAR BLUFF                 | 53                  | 73        | 133                           | 78                   | .65            | .52                 |
| MISSOURI                            | 26 4100001 F01 RCLLA                        | 47                  | 73        | 101                           | 96                   | .63            | .50                 |
| MISSOURI                            | 26 4320001 F02 STE GENEVIEVE                | 10                  | 73        | 878                           | 580                  | *              | *                   |
| MISSOURI                            | 26 4540001 F01 SIKESTON                     | 13                  | 73        | 49                            | 46                   | *              | *                   |
| MISSOURI                            | 26 4540002 F01 SIKESTON                     | 48                  | 73        | 129                           | 123                  | .83            | .66                 |
| 139 SOUTHWEST MISSOURI              |   |                     |           |                               |                      |                |                     |
| MISSOURI                            | 26 1860005 H01 GREENE COUNTY                | 27                  | 73        | 107                           | 87                   | *              | *                   |
| MISSOURI                            | 26 1860007 H01 GREENE COUNTY                | 26                  | 73        | 108                           | 97                   | *              | *                   |
| MISSOURI                            | 26 1860012 H01 GREENE COUNTY                | 27                  | 73        | 86                            | 83                   | *              | *                   |
| MISSOURI                            | 26 1860013 H01 GREENE COUNTY                | 25                  | 73        | 90                            | 72                   | *              | *                   |
| MISSOURI                            | 26 1860014 H01 GREENE COUNTY                | 27                  | 73        | 190                           | 179                  | *              | *                   |
| MISSOURI                            | 26 1860015 H01 GREENE COUNTY                | 23                  | 73        | 135                           | 96                   | *              | *                   |
| MISSOURI                            | 26 1860016 H01 GREENE COUNTY                | 27                  | 73        | 99                            | 97                   | *              | *                   |
| MISSOURI                            | 26 2360001 F01 JOPLIN                       | 43                  | 73        | 177                           | 159                  | .90            | .72                 |
| MISSOURI                            | 26 2360002 F01 JOPLIN                       | 22                  | 73        | 206                           | 172                  | *              | *                   |
| MISSOURI                            | 26 2380002 F01 KANSAS CITY                  | 5                   | 73        | 99                            | 97                   | *              | *                   |
| MISSOURI                            | 26 4480002 A03 SHANNON COUNTY               | 23                  | 73        | 57                            | 51                   | *              | *                   |
| MISSOURI                            | 26 4740001 F03 TEXAS COUNTY                 | 13                  | 73        | 312                           | 139                  | *              | *                   |
| 141 GREAT FALLS (CONT)              |   |                     |           |                               |                      |                |                     |
| MONTANA                             | 27 C570001 A03 GLACIER NATIONAL PARK        | 34                  | 73        | 90                            | 65                   | .30            | .24                 |
| 145 LINCOLN-BEATRICE-FAIRBURY (NEB) |   |                     |           |                               |                      |                |                     |
| NEBRASKA                            | 28 D160001 F01 BEATRICE                     | 29                  | 73        | 143                           | 133                  | .93            | .74                 |
| NEBRASKA                            | 28 0820001 F01 FAIRBURY                     | 31                  | 73        | 110                           | 106                  | .81            | .65                 |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                             | YEAR | NO. OF VALID VALUES | NO. OF NG. VALUES | 24-HR STDS. SEC. | DAILY EXC'D'G | HIGHEST 24-HR VALUES UG/CU.M. |      | RATIOS TO ANN. STDS. SEC. |     | A N N U A L MEAN UG/CU.M. | G E O M . M E A N U G / C U . M . |
|--|------|---------------------|-------------------|------------------|---------------|-------------------------------|------|---------------------------|-----|---------------------------|-----------------------------------|
|  |      |                     |                   |                  |               | 1ST                           | 2ND  | 1ST                       | 2ND |                           |                                   |
| <b>145 LINCOLN-BEATRICE-FAIRBURY (NEB) (CONTINUED)</b> |      |                     |                   |                  |               |                               |      |                           |     |                           |                                   |
| NEBRASKA   | 73   | 60                  | 1                 | 1                | 4             | 154                           | 109  | .56                       | .45 | 34                        |                                   |
| NEBRASKA   | 73   | 40                  | 16                | 4                | 491           | 294                           | *    | *                         | *   |                           |                                   |
| NEBRASKA   | 73   | 42                  | 7                 | 1                | 448           | 238                           | *    | *                         | *   |                           |                                   |
| NEBRASKA   | 73   | 16                  | 5                 | 5                | 495           | 432                           | *    | *                         | *   |                           |                                   |
| NEBRASKA   | 73   | 16                  | 1                 | 1                | 127           | 120                           | *    | *                         | *   |                           |                                   |
| NEBRASKA   | 73   | 26                  | 1                 | 1                | 154           | 131                           | *    | *                         | *   |                           |                                   |
| NEBRASKA   | 73   | 5                   | 5                 | 1                | 60            | 57                            | *    | *                         | *   |                           |                                   |
| NEBRASKA   | 73   | 60                  | 1                 | 1                | 94            | 92                            | .85  | .68                       | .51 |                           |                                   |
| NEBRASKA   | 73   | 61                  | 1                 | 1                | 161           | 128                           | 1.01 | .81                       | .61 |                           |                                   |
| NEBRASKA   | 73   | 58                  | 1                 | 1                | 154           | 126                           | .93  | .74                       | .56 |                           |                                   |
| NEBRASKA   | 73   | 56                  | 1                 | 1                | 175           | 144                           | 1.01 | .81                       | .61 |                           |                                   |
| <b>146 NEBRASKA (REMAINDER)</b>                        |      |                     |                   |                  |               |                               |      |                           |     |                           |                                   |
| NEBRASKA   | 73   | 18                  | 5                 | 5                | 210           | 210                           | *    | *                         | *   |                           |                                   |
| NEBRASKA   | 73   | 28                  | 8                 | 8                | 411           | 356                           | 1.70 | 1.36                      | 102 |                           |                                   |
| NEBRASKA   | 73   | 32                  | 5                 | 1                | 297           | 201                           | 1.05 | .84                       | .63 |                           |                                   |
| NEBRASKA   | 73   | 31                  | 5                 | 2                | 92            | 62                            | .55  | .44                       | .33 |                           |                                   |
| NEBRASKA   | 73   | 22                  | 5                 | 5                | 792           | 341                           | *    | *                         | *   |                           |                                   |
| NEBRASKA   | 73   | 31                  | 1                 | 1                | 156           | 127                           | 1.11 | .89                       | .67 |                           |                                   |
| NEBRASKA   | 73   | 28                  | 3                 | 1                | 127           | 100                           | .81  | .65                       | .49 |                           |                                   |
| NEBRASKA   | 73   | 16                  | 3                 | 3                | 312           | 199                           | *    | *                         | *   |                           |                                   |
| NEBRASKA   | 73   | 29                  | 5                 | 5                | 188           | 169                           | 1.15 | .92                       | .69 |                           |                                   |
| NEBRASKA   | 73   | 29                  | 5                 | 5                | 111           | 105                           | .65  | .52                       | .39 |                           |                                   |
| NEBRASKA   | 73   | 16                  | 1                 | 1                | 75            | 64                            | *    | *                         | *   |                           |                                   |
| NEBRASKA   | 73   | 5                   | 3                 | 3                | 131           | 97                            | *    | *                         | *   |                           |                                   |
| NEBRASKA   | 73   | 31                  | 3                 | 3                | 215           | 213                           | 1.20 | .96                       | .72 |                           |                                   |
| NEBRASKA   | 73   | 29                  | 1                 | 1                | 137           | 136                           | .88  | .70                       | .53 |                           |                                   |
| NEBRASKA   | 73   | 23                  | 1                 | 1                | 177           | 145                           | *    | *                         | *   |                           |                                   |
| NEBRASKA   | 73   | 12                  | 1                 | 1                | 146           | 142                           | *    | *                         | *   |                           |                                   |
| NEBRASKA   | 73   | 21                  | 1                 | 1                | 81            | 48                            | *    | *                         | *   |                           |                                   |
| <b>147 NEVADA (REMAINDER)</b>                          |      |                     |                   |                  |               |                               |      |                           |     |                           |                                   |
| NEVADA   | 73   | 44                  | 1                 | 1                | 134           | 120                           | *    | *                         | *   |                           |                                   |
| NEVADA   | 73   | 60                  | 4                 | 4                | 156           | 125                           | .91  | .73                       | .55 |                           |                                   |
| NEVADA   | 73   | 37                  | 14                | 14               | 349           | 236                           | *    | *                         | *   |                           |                                   |
| NEVADA   | 73   | 55                  | 4                 | 4                | 131           | 114                           | .98  | .78                       | .59 |                           |                                   |
| NEVADA   | 73   | 46                  | 14                | 14               | 337           | 327                           | *    | *                         | *   |                           |                                   |
| NEVADA   | 73   | 53                  | 8                 | 8                | 91            | 77                            | .35  | .28                       | .21 |                           |                                   |
| NEVADA   | 73   | 27                  | 6                 | 6                | 40            | 32                            | *    | *                         | *   |                           |                                   |
| NEVADA   | 73   | 51                  | 1                 | 1                | 365           | 306                           | 1.45 | 1.16                      | .87 |                           |                                   |
| NEVADA   | 73   | 54                  | 1                 | 1                | 271           | 124                           | 1.05 | .84                       | .63 |                           |                                   |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR, HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                             | YEAR | NO. OF VALUES | NO. OF DAILY VALUES EXC'D*% 24-HR STUS. PRI. | HIGHEST UG/CU.M. 1ST 2ND | RATIOS TO ANNUAL GEOM. MEAN UG/CU.M. |      | AS OF JUNE 07, 1974 |
|--|------|---------------|--|--------------------------|--------------------------------------|------|---------------------|
|  |      |               |  |                          | ANN. STD. SEC.                       | PRI. |                     |
| 148 NORTHWEST NEVADA                                   |      |               |  |                          |                                      |      |                     |
| NEVADA   | 73   | 52            | ** PRIORITY 1 **                             | 118                      | 97                                   | -85  | 51                  |
| NEVADA   | 73   | 30            |  | 143                      | 108                                  | *    | *                   |
| NEVADA   | 73   | 54            | 1  | 179                      | 139                                  | .96  | .77                 |
| NEVADA   | 73   | 43            | 1  | 271                      | 136                                  | *    | *                   |
| NEVADA   | 73   | 54            | 6  | 230                      | 181                                  | 1.31 | 1.05                |
| NEVADA   | 73   | 24            | 3  | 190                      | 163                                  | *    | *                   |
| NEVADA   | 73   | 61            | 7  | 358                      | 305                                  | 1.48 | 1.18                |
| NEVADA   | 73   | 61            | 8  | 274                      | 255                                  | 1.63 | 1.30                |
| NEVADA   | 73   | 56            | 1  | 125                      | 120                                  | .83  | .66                 |
| NEVADA   | 73   | 61            | 1  | 157                      | 138                                  | 1.06 | .85                 |
| NEVADA   | 73   | 61            | 14   | 563                      | 303                                  | 1.61 | 1.29                |
| NEVADA   | 73   | 54            | 1  | 178                      | 134                                  | 1.06 | .85                 |
| NEVADA   | 73   | 58            | 9  | 219                      | 213                                  | 1.51 | 1.21                |
| NEVADA   | 73   | 60            | 1  | 153                      | 113                                  | .43  | .34                 |
| NEVADA   | 73   | 60            |  | 119                      | 72                                   | .40  | .32                 |
| 149 CENTRAL NEW HAMPSHIRE                              |      |               |  |                          |                                      |      |                     |
| NEW HAMPSHIRE  | 73   | 39            | ** PRIORITY 3 **                             | 118                      | 110                                  | *    | *                   |
| NEW HAMPSHIRE  | 73   | 15            |  | 64                       | 57                                   | *    | *                   |
| NEW HAMPSHIRE  | 73   | 34            | 1  | 162                      | 92                                   | *    | *                   |
| 150 NEW JERSEY (REMAINDER)                             |      |               |  |                          |                                      |      |                     |
| NEW JERSEY   | 73   | 39            | ** PRIORITY 3 **                             | 121                      | 117                                  | *    | *                   |
| NEW JERSEY   | 73   | 39            | 2  | 250                      | 153                                  | *    | *                   |
| NEW JERSEY   | 73   | 44            |  | 91                       | 77                                   | *    | *                   |
| NEW JERSEY   | 73   | 41            |  | 119                      | 76                                   | *    | *                   |
| NEW JERSEY   | 73   | 44            |  | 104                      | 77                                   | *    | *                   |
| NEW JERSEY   | 73   | 42            |  | 116                      | 71                                   | *    | *                   |
| NEW JERSEY   | 73   | 54            |  | 135                      | 129                                  | .73  | .58                 |
| NEW JERSEY   | 73   | 60            |  | 85                       | 70                                   | .45  | .36                 |
| NEW JERSEY   | 73   | 43            |  | 136                      | 95                                   | *    | *                   |
| 151 NORTHEAST PENNSYLVANIA-UPPER DEL. VAL. (PENN-N.J.) |      |               |  |                          |                                      |      |                     |
| NEW JERSEY   | 73   | 40            | ** PRIORITY 1 **                             | 151                      | 93                                   | *    | *                   |
| NEW JERSEY   | 73   | 45            | 1  | 214                      | 127                                  | *    | *                   |
| NEW JERSEY   | 73   | 44            | 1  | 116                      | 83                                   | *    | *                   |
| PENNSYLVANIA   | 73   | 41            |  | 131                      | 120                                  | *    | *                   |
| PENNSYLVANIA   | 73   | 25            |  | 104                      | 99                                   | 1.00 | .80                 |
| PENNSYLVANIA   | 73   | 15            |  | 150                      | 101                                  | *    | *                   |
| PENNSYLVANIA   | 73   | 15            |  | 74                       | 71                                   | *    | *                   |
| PENNSYLVANIA   | 73   | 15            | 2  | 168                      | 155                                  | *    | *                   |
| PENNSYLVANIA   | 73   | 15            |  | 123                      | 109                                  | *    | *                   |

**Table A-1 (continued). SUSPENDED PARTICULATE DATA**  
 METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION  | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD'S. | HIGHEST 24-HR VALUE UG/CU.M. | RATIOS TO ANNUAL GEOM. MEAN UG/CU.M. |               |
|---|------|---------------------|--|------------------------------|--------------------------------------|---------------|
|   |      |                     |  |                              | ANN. SEC.                            | STDS. PRI.    |
| <b>151 NORTHEAST PENNSYLVANIA-UPPER DEL. VAL. (PENN-N.J.) (CONTINUED)</b> |      |                     |  |                              |                                      |               |
| PENNSYLVANIA  | 73   | 15                  | 1  | 154                          | 128                                  | *             |
| PENNSYLVANIA  | 73   | 14                  | 1  | 165                          | 122                                  | *             |
| PENNSYLVANIA  | 73   | 14                  |  | 106                          | 103                                  | *             |
| PENNSYLVANIA  | 73   | 15                  |  | 124                          | 102                                  | *             |
| PENNSYLVANIA  | 73   | 29                  | 7  | 200                          | 197                                  | 1.66 1.33 100 |
| PENNSYLVANIA  | 73   | 15                  |  | 66                           | 66                                   | *             |
| PENNSYLVANIA  | 73   | 15                  | 1  | 184                          | 147                                  | *             |
| PENNSYLVANIA  | 73   | 14                  |  | 136                          | 120                                  | *             |
| PENNSYLVANIA  | 73   | 13                  |  | 56                           | 55                                   | *             |
| PENNSYLVANIA  | 73   | 12                  |  | 97                           | 66                                   | *             |
| PENNSYLVANIA  | 73   | 15                  |  | 95                           | 84                                   | *             |
| PENNSYLVANIA  | 73   | 14                  | 2  | 228                          | 187                                  | *             |
| PENNSYLVANIA  | 73   | 14                  |  | 105                          | 96                                   | *             |
| PENNSYLVANIA  | 73   | 20                  | 1  | 170                          | 138                                  | *             |
| PENNSYLVANIA  | 73   | 16                  | 1  | 177                          | 129                                  | *             |
| PENNSYLVANIA  | 73   | 16                  | 2  | 219                          | 158                                  | *             |
| PENNSYLVANIA  | 73   | 25                  | 20                                       | 606                          | 549                                  | 3.86 3.09 232 |
| PENNSYLVANIA  | 73   | 13                  |  | 92                           | 78                                   | *             |
| PENNSYLVANIA  | 73   | 16                  |  | 101                          | 83                                   | *             |
| PENNSYLVANIA  | 73   | 15                  | 4  | 235                          | 212                                  | *             |
| PENNSYLVANIA  | 73   | 26                  | 3  | 230                          | 179                                  | 1.66 1.33 100 |
| PENNSYLVANIA  | 73   | 16                  |  | 114                          | 91                                   | *             |
| PENNSYLVANIA  | 73   | 16                  |  | 115                          | 115                                  | *             |
| <b>152 ALBUQUERQUE-MID RIO GRANDE (N. MEX)</b>                            |      |                     |  |                              |                                      |               |
| NEW MEXICO  | 73   | 26                  |  | 128                          | 108                                  | *             |
| NEW MEXICO  | 73   | 23                  |  | 139                          | 129                                  | *             |
| NEW MEXICO  | 73   | 45                  | 4  | 334                          | 314                                  | 1.58 1.26 95  |
| NEW MEXICO  | 73   | 52                  | 2  | 216                          | 198                                  | 1.23 .98 74   |
| NEW MEXICO  | 73   | 43                  | 3  | 198                          | 167                                  | *             |
| NEW MEXICO  | 73   | 45                  |  | 107                          | 102                                  | .61 .49 37    |
| NEW MEXICO  | 73   | 13                  |  | 76                           | 63                                   | *             |
| NEW MEXICO  | 73   | 11                  | 1  | 167                          | 128                                  | *             |
| NEW MEXICO  | 73   | 43                  | 3  | 222                          | 179                                  | 1.25 1.00 75  |
| NEW MEXICO  | 73   | 45                  | 3  | 200                          | 186                                  | 1.01 .81 61   |
| NEW MEXICO  | 73   | 48                  | 6  | 362                          | 267                                  | 1.40 1.12 84  |
| <b>153 EL PASO-LAS CRUCES-ALAMOGORDO (N. MEX-TEX)</b>                     |      |                     |  |                              |                                      |               |
| NEW MEXICO  | 73   | 41                  | 1  | 242                          | 109                                  | *             |
| NEW MEXICO  | 73   | 45                  | 16                                       | 759                          | 463                                  | 1.73 1.38 104 |
| NEW MEXICO  | 73   | 40                  | 1  | 523                          | 228                                  | 1.40 1.12 84  |
| NEW MEXICO  | 73   | 31                  | 1  | 159                          | 97                                   | *             |
| NEW MEXICO  | 73   | 14                  | 1  | 337                          | 115                                  | *             |
| NEW MEXICO  | 73   | 75                  | 7  | 290                          | 215                                  | 1.13 .90 68   |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR FI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION  | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEEDING 24-HR STDS. | HIGHEST 24-HR VALUE UG/CU.M. | ANNUAL RATIOS TO GEOM. MEAN |      |
|---|------|---------------------|---|------------------------------|-----------------------------|------|
|   |      |                     |   |                              | 1ST                         | 2ND  |
| <b>153. EL PASO-LAS CRUCES-ALAMGORDO (N. MEX-TEX) (CONTINUED)</b> |      |                     |   |                              |                             |      |
| NEW MEXICO  | 73   | 58                  | 11  | 136                          | 128                         | .66  |
| TEXAS   | 73   | 28                  | 7   | 301                          | 258                         | 2.03 |
| TEXAS   | 73   | 13                  | 7   | 230                          | 208                         | *    |
| TEXAS   | 73   | 80                  | 28  | 366                          | 346                         | 2.26 |
| TEXAS   | 73   | 54                  | 4   | 433                          | 193                         | 1.31 |
| TEXAS   | 73   | 81                  | 19  | 700                          | 643                         | 1.58 |
| TEXAS   | 73   | 58                  | 3   | 149                          | 144                         | 1.06 |
| TEXAS   | 73   | 55                  | 6   | 221                          | 204                         | .95  |
| TEXAS   | 73   | 56                  | 3   | 309                          | 298                         | 1.25 |
| TEXAS   | 73   | 29                  | 1   | 164                          | 144                         | *    |
| TEXAS   | 73   | 52                  | 22  | 895                          | 405                         | 2.53 |
| TEXAS   | 73   | 58                  | 18  | 347                          | 323                         | 2.11 |
| TEXAS   | 73   | 41                  | 12  | 333                          | 303                         | 2.01 |
| TEXAS   | 73   | 42                  | 12  | 312                          | 303                         | *    |
| TEXAS   | 73   | 30                  | 1   | 195                          | 113                         | *    |
| TEXAS   | 73   | 27                  | 1   | 160                          | 150                         | *    |
| TEXAS   | 73   | 20                  | 17  | 506                          | 358                         | *    |
| TEXAS   | 73   | 53                  | 11  | 363                          | 303                         | *    |
| TEXAS   | 73   | 77                  | 4   | 205                          | 187                         | 1.10 |
| TEXAS   | 73   | 9                   | 3   | 210                          | 188                         | *    |
| TEXAS   | 73   | 13                  | 4   | 200                          | 177                         | *    |
| <b>154. NORTHEAST PLAINS (N. MEX)</b>                             |      |                     |   |                              |                             |      |
| NEW MEXICO  | 73   | 26                  | 3   | 179                          | 170                         | *    |
| NEW MEXICO  | 73   | 45                  |   | 90                           | 67                          | *    |
| <b>155. PECOS-PERMIAN BASIN (N. MEX)</b>                          |      |                     |   |                              |                             |      |
| NEW MEXICO  | 73   | 19                  |   | 65                           | 65                          | *    |
| NEW MEXICO  | 73   | 7                   |   | 128                          | 81                          | *    |
| NEW MEXICO  | 73   | 7                   |   | 57                           | 41                          | *    |
| NEW MEXICO  | 73   | 6                   |   | 94                           | 54                          | *    |
| <b>156. SOUTHWESTERN MOUNTAINS-AUGUSTINE PLAINS (N. MEX.)</b>     |      |                     |   |                              |                             |      |
| NEW MEXICO  | 73   | 35                  | 1   | 185                          | 114                         | .53  |
| <b>157. UPPER RIO GRANDE VALLEY (N. MEX)</b>                      |      |                     |   |                              |                             |      |
| NEW MEXICO  | 73   | 57                  |   | 79                           | 67                          | .50  |
| NEW MEXICO  | 73   | 55                  |   | 75                           | 64                          | .48  |
| NEW MEXICO  | 73   | 47                  |   | 88                           | 85                          | .71  |
| NEW MEXICO  | 73   | 12                  | 1   | 193                          | 95                          | *    |
| NEW MEXICO  | 73   | 12                  | 1   | 141                          | 90                          | *    |
| NEW MEXICO  | 73   | 6                   |   | 130                          | 128                         | *    |
| NEW MEXICO  | 73   | 20                  | 10  | 337                          | 278                         | *    |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D. 24-HR STDS. SEC. | PRIORITY | HIGHEST 24-HR VALUES UG/CU.M. |     | RATIOS TO ANNUAL GEOM. MEAN UG/CU.M. |      |     |
|----------------------------|------|---------------------|---|----------|-------------------------------|-----|--------------------------------------|------|-----|
|                            |      |                     |   |          | 1ST                           | 2ND | 1ST                                  | 2ND  |     |
| 158 CENTRAL NEW YORK       |      |                     |   | **       | AS OF JUNE 30, 1974           |     |                                      |      |     |
| NEW YORK                   | 73   | 48                  | 24  | 1        | 135                           | 116 | .83                                  | .66  | 50  |
| NEW YORK                   | 73   | 43                  | 1   | 1        | 91                            | 88  | .58                                  | .46  | 35  |
| NEW YORK                   | 73   | 56                  | 7   | 1        | 118                           | 109 | .60                                  | .48  | 36  |
| NEW YORK                   | 73   | 36                  |   |          | 106                           | 83  | *                                    | *    |     |
| NEW YORK                   | 73   | 53                  |   |          | 116                           | 108 | .85                                  | .68  | 51  |
| NEW YORK                   | 73   | 44                  |   |          | 95                            | 82  | *                                    | *    |     |
| NEW YORK                   | 73   | 55                  |   |          | 105                           | 88  | .50                                  | .40  | 30  |
| NEW YORK                   | 73   | 58                  | 5   |          | 253                           | 225 | 1.38                                 | 1.10 | 83  |
| NEW YORK                   | 73   | 53                  |   |          | 123                           | 112 | .71                                  | .57  | 43  |
| NEW YORK                   | 73   | 53                  |   |          | 134                           | 120 | .56                                  | .45  | 34  |
| NEW YORK                   | 73   | 52                  |   |          | 146                           | 113 | .85                                  | .68  | 51  |
| NEW YORK                   | 73   | 10                  |   |          | 65                            | 56  | *                                    | *    |     |
| NEW YORK                   | 73   | 47                  |   |          | 110                           | 101 | .71                                  | .57  | 43  |
| NEW YORK                   | 73   | 52                  | 1   |          | 169                           | 129 | .73                                  | .58  | 44  |
| NEW YORK                   | 73   | 51                  |   |          | 115                           | 79  | .55                                  | .44  | 33  |
| NEW YORK                   | 73   | 50                  |   |          | 111                           | 104 | .76                                  | .61  | 46  |
| NEW YORK                   | 73   | 60                  |   |          | 128                           | 106 | .63                                  | .50  | 38  |
| NEW YORK                   | 73   | 59                  | 24  |          | 383                           | 378 | 1.96                                 | 1.57 | 118 |
| NEW YORK                   | 73   | 56                  | 1   |          | 242                           | 137 | .85                                  | .68  | 51  |
| NEW YORK                   | 73   | 55                  | 1   |          | 172                           | 91  | .75                                  | .60  | 45  |
| NEW YORK                   | 73   | 57                  | 2   |          | 163                           | 151 | 1.05                                 | .84  | 63  |
| NEW YORK                   | 73   | 60                  | 1   |          | 211                           | 150 | 1.03                                 | .82  | 62  |
| NEW YORK                   | 73   | 55                  | 5   |          | 145                           | 135 | .95                                  | .76  | 57  |
| NEW YORK                   | 73   | 60                  | 1   |          | 320                           | 212 | 1.06                                 | .85  | 64  |
| NEW YORK                   | 73   | 17                  | 2   |          | 208                           | 156 | *                                    | *    |     |
| NEW YORK                   | 73   | 32                  | 1   |          | 153                           | 133 | *                                    | *    |     |
| NEW YORK                   | 73   | 52                  | 1   |          | 146                           | 124 | .86                                  | .69  | 52  |
| NEW YORK                   | 73   | 51                  | 1   |          | 154                           | 113 | .60                                  | .48  | 36  |
| NEW YORK                   | 73   | 53                  | 3   |          | 277                           | 216 | 1.10                                 | .88  | 66  |
| NEW YORK                   | 73   | 55                  | 2   |          | 212                           | 205 | .91                                  | .73  | 55  |
| NEW YORK                   | 73   | 15                  | 3   |          | 241                           | 170 | *                                    | *    |     |
| NEW YORK                   | 73   | 55                  | 8   |          | 263                           | 237 | 1.51                                 | 1.21 | 91  |
| NEW YORK                   | 73   | 54                  |   |          | 140                           | 133 | .81                                  | .65  | 49  |
| NEW YORK                   | 73   | 55                  | 10  |          | 414                           | 280 | 1.70                                 | 1.36 | 102 |
| NEW YORK                   | 73   | 52                  | 9   |          | 289                           | 265 | 1.63                                 | 1.30 | 98  |
| NEW YORK                   | 73   | 63                  | 1   |          | 150                           | 120 | .99                                  | .78  | 59  |
| NEW YORK                   | 73   | 52                  | 1   |          | 162                           | 146 | 1.13                                 | .90  | 68  |
| NEW YORK                   | 73   | 54                  | 5   |          | 201                           | 198 | 1.30                                 | 1.04 | 78  |
| NEW YORK                   | 73   | 33                  |   |          | 134                           | 108 | *                                    | *    |     |
| NEW YORK                   | 73   | 14                  |   |          | 148                           | 127 | *                                    | *    |     |
| NEW YORK                   | 73   | 42                  | 1   |          | 172                           | 139 | *                                    | *    |     |
| NEW YORK                   | 73   | 49                  | 1   |          | 166                           | 129 | .88                                  | .70  | 53  |
| NEW YORK                   | 73   | 54                  |   |          | 123                           | 101 | .66                                  | .53  | 40  |



**Table A-1 (continued). SUSPENDED PARTICULATE DATA**

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION              | 19-- | YEAR    | NO. OF VALID VALUES | NO. OF 24-HR VALUES | NO. OF DAILY EXCEEDING 24-HR VALS | HIGHEST UG/CU.M. |     | RATIOS TO ANNUAL |      | GEOM. MEAN UG/CU.M. |
|---|------|---------|---------------------|---------------------|-----------------------------------|------------------|-----|------------------|------|---------------------|
|   |      |         |                     |                     |                                   | 1ST              | 2ND | SEC.             | PRI. |                     |
| <b>168 CENTRAL NEW YORK (CONTINUED)</b> |      |         |                     |                     |                                   |                  |     |                  |      |                     |
| NEW YORK                                | 33   | 6880005 | F01                 | UTICA               | 73                                | 51               | 76  | .50              | .40  | 30                  |
| NEW YORK                                | 33   | 6880006 | F01                 | UTICA               | 73                                | 49               | 145 | .86              | .65  | 52                  |
| NEW YORK                                | 33   | 7160001 | F01                 | WATERTOWN           | 73                                | 47               | 335 | .113             | .65  | 39                  |
| NEW YORK                                | 33   | 7500001 | F01                 | WHITESBORO          | 73                                | 39               | 105 | 104              | *    | *                   |
| <b>159 CHAMPLAIN VALLEY (N.Y.-VT)</b>   |      |         |                     |                     |                                   |                  |     |                  |      |                     |
| NEW YORK                                | 33   | 1120001 | F01                 | CLINTON COUNTY      | 73                                | 30               | 132 | 114              | *    | *                   |
| NEW YORK                                | 33   | 2020001 | F01                 | ESSEX COUNTY        | 73                                | 25               | 77  | 73               | *    | *                   |
| NEW YORK                                | 33   | 2020002 | F01                 | ESSEX COUNTY        | 73                                | 10               | 64  | 48               | *    | *                   |
| NEW YORK                                | 33   | 2480001 | F01                 | GLENS FALLS         | 73                                | 55               | 120 | 114              | .93  | .74                 |
| NEW YORK                                | 33   | 2480003 | F01                 | GLENS FALLS         | 73                                | 15               | 87  | 83               | *    | *                   |
| NEW YORK                                | 33   | 2820001 | F01                 | HAMILTON COUNTY     | 73                                | 32               | 76  | 52               | *    | *                   |
| NEW YORK                                | 33   | 3160001 | F01                 | HULSCA FALLS        | 73                                | 56               | 98  | 94               | .71  | .57                 |
| NEW YORK                                | 33   | 3560001 | F01                 | LAKE PLACID         | 73                                | 53               | 153 | 97               | .51  | .41                 |
| NEW YORK                                | 33   | 4180002 | F01                 | MASSENA             | 73                                | 49               | 100 | 96               | .60  | .48                 |
| NEW YORK                                | 33   | 5000001 | F01                 | OGDENSBURG          | 73                                | 53               | 126 | 120              | .63  | .50                 |
| NEW YORK                                | 33   | 5480002 | F01                 | PLATTSBURGH         | 73                                | 37               | 160 | 107              | *    | *                   |
| NEW YORK                                | 33   | 5960001 | F01                 | SARANAC LAKE        | 73                                | 47               | 262 | 211              | .65  | .52                 |
| NEW YORK                                | 33   | 6680002 | F01                 | TICCONDEROGA        | 73                                | 44               | 93  | 79               | .51  | .41                 |
| NEW YORK                                | 33   | 6820001 | F01                 | TUPPER LAKE         | 73                                | 43               | 102 | 93               | .50  | .40                 |
| VERMONT                                 | 47   | 0020001 | F02                 | ADIRONDACK COUNTY   | 73                                | 20               | 104 | 86               | *    | *                   |
| VERMONT                                 | 47   | 0140003 | F01                 | BURLINGTON          | 73                                | 20               | 156 | 136              | *    | *                   |
| VERMONT                                 | 47   | 0400001 | F01                 | RUTLAND             | 73                                | 15               | 212 | 168              | *    | *                   |
| VERMONT                                 | 47   | 0400002 | F01                 | RUTLAND             | 73                                | 20               | 200 | 111              | *    | *                   |
| <b>160 GENESEE-FINGER LAKES (N.Y.)</b>  |      |         |                     |                     |                                   |                  |     |                  |      |                     |
| NEW YORK                                | 33   | 6080001 | F01                 | ALBION              | 73                                | 45               | 114 | 104              | .81  | .65                 |
| NEW YORK                                | 33   | 6220001 | F01                 | ATTICA              | 73                                | 50               | 114 | 102              | *    | *                   |
| NEW YORK                                | 33   | 0360001 | F01                 | BATAVIA             | 73                                | 54               | 138 | 123              | .81  | .65                 |
| NEW YORK                                | 33   | 0550001 | F01                 | BRIGHTON            | 73                                | 57               | 119 | 119              | .83  | .66                 |
| NEW YORK                                | 33   | 2420001 | F01                 | GENESEO             | 73                                | 47               | 110 | 93               | .61  | .49                 |
| NEW YORK                                | 33   | 2440001 | F01                 | GENEVA              | 73                                | 32               | 450 | 140              | *    | *                   |
| NEW YORK                                | 33   | 2650001 | F01                 | GREECE              | 73                                | 55               | 110 | 102              | .83  | .66                 |
| NEW YORK                                | 33   | 3250001 | F01                 | TRONDENQUOIT        | 73                                | 57               | 131 | 129              | .85  | .68                 |
| NEW YORK                                | 33   | 4260001 | F01                 | MEDINA              | 73                                | 46               | 123 | 108              | .68  | .54                 |
| NEW YORK                                | 33   | 4380001 | F01                 | MONKOE COUNTY       | 73                                | 52               | 149 | 136              | 1.00 | .80                 |
| NEW YORK                                | 33   | 4380002 | F01                 | MONROE COUNTY       | 73                                | 59               | 137 | 114              | .61  | .49                 |
| NEW YORK                                | 33   | 4380003 | F01                 | MENKOE COUNTY       | 73                                | 55               | 128 | 102              | .61  | .49                 |
| NEW YORK                                | 33   | 4380004 | F01                 | MENKOE COUNTY       | 73                                | 55               | 104 | 100              | .65  | .52                 |
| NEW YORK                                | 33   | 4540001 | F01                 | NEWARK              | 73                                | 47               | 116 | 105              | *    | *                   |
| NEW YORK                                | 33   | 5400001 | F01                 | PENN YAK            | 73                                | 41               | 97  | 85               | .53  | .42                 |
| NEW YORK                                | 33   | 5760001 | A01                 | RUCHESTER           | 73                                | 15               | 126 | 125              | *    | *                   |
| NEW YORK                                | 33   | 5760001 | F01                 | RUCHESTER           | 73                                | 52               | 171 | 168              | 1.26 | 1.01                |
| <b>AS OF JUNE 07, 1974</b>              |      |         |                     |                     |                                   |                  |     |                  |      |                     |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION | 160. GENESEE-FINGER LAKES (N.Y.) (CONTINUED) | YEAR | NC. OF VALID VALUES | NC. OF DAILY VALUES EXC'D'G 24-HR STDS. | HIGHEST 24-HR VALUES UG/CU.M. |     | RATIOS TO ANNUAL GEOM. MEAN |          |     |
|----------------------------|--|------|---------------------|---|-------------------------------|-----|-----------------------------|----------|-----|
|                            |  |      |                     |   | 1ST                           | 2ND | SEC. PRI.                   | UG/CU.M. |     |
| NEW YORK                   | 33 5760002 F01 ROCHESTER                     | 73   | 59                  | 1                                       | 155                           | 150 | 1.08                        | .86      | 65  |
| NEW YORK                   | 33 5760003 F01 ROCHESTER                     | 73   | 55                  | 4                                       | 190                           | 171 | 1.41                        | 1.13     | 85  |
| NEW YORK                   | 33 5760004 F01 ROCHESTER (C)                 | 73   | 57                  |   | 138                           | 122 | .85                         | .68      | 51  |
| NEW YORK                   | 33 5760005 F01 ROCHESTER                     | 73   | 39                  |   | 113                           | 113 | *                           | *        |     |
| NEW YORK                   | 33 5760007 F01 ROCHESTER                     | 73   | 59                  |   | 134                           | 128 | .98                         | .78      | 59  |
| NEW YORK                   | 33 5760008 F01 ROCHESTER                     | 73   | 59                  |   | 138                           | 127 | .98                         | .78      | 59  |
| NEW YORK                   | 33 5760010 F01 ROCHESTER                     | 73   | 11                  |   | 173                           | 56  | *                           | *        |     |
| NEW YORK                   | 33 7060001 F01 WARSAW                        | 73   | 53                  |   | 113                           | 108 | .73                         | .58      | 44  |
| NEW YORK                   | 33 7260002 F01 WEBSTER                       | 73   | 42                  |   | 102                           | 100 | *                           | *        |     |
| NEW YORK                   | 33 7580001 F01 WYOMING COUNTY                | 73   | 43                  |   | 125                           | 120 | .81                         | .65      | 49  |
| 161 HUDSON VALLEY (N.Y.)   |  |      |                     |   |                               |     |                             |          |     |
| ** PRIORITY 1 **           |  |      |                     |   |                               |     |                             |          |     |
| NEW YORK                   | 33 0040001 A01 ALBANY                        | 73   | 13                  |   | 106                           | 101 | *                           | *        |     |
| NEW YORK                   | 33 0040002 F01 ALBANY                        | 73   | 49                  |   | 150                           | 119 | *                           | *        |     |
| NEW YORK                   | 33 0040003 F01 ALBANY                        | 73   | 57                  | 11                                      | 347                           | 305 | 1.68                        | 1.34     | 101 |
| NEW YORK                   | 33 0040004 F01 ALBANY                        | 73   | 50                  | 13                                      | 581                           | 389 | 1.71                        | 1.37     | 103 |
| NEW YORK                   | 33 0040005 F01 ALBANY                        | 73   | 55                  | 12                                      | 295                           | 233 | 1.85                        | 1.48     | 111 |
| NEW YORK                   | 33 0160001 F01 AMSTERDAM                     | 73   | 56                  | 6                                       | 335                           | 321 | 1.55                        | 1.24     | 93  |
| NEW YORK                   | 33 1170001 F01 COEYMAN                       | 73   | 53                  | 3                                       | 142                           | 133 | 1.01                        | .81      | 61  |
| NEW YORK                   | 33 1170002 F01 COEYMAN                       | 73   | 51                  | 1                                       | 237                           | 193 | 1.05                        | .84      | 63  |
| NEW YORK                   | 33 1180001 F01 CCHOES                        | 73   | 50                  | 1                                       | 164                           | 144 | 1.00                        | .80      | 60  |
| NEW YORK                   | 33 1200002 F01 COLUMBIA COUNTY               | 73   | 54                  |   | 142                           | 127 | .91                         | .73      | 55  |
| NEW YORK                   | 33 1220001 F01 COLUMBIA COUNTY               | 73   | 44                  |   | 90                            | 81  | .51                         | .41      | 31  |
| NEW YORK                   | 33 1220003 F01 COLUMBIA COUNTY               | 73   | 43                  |   | 58                            | 88  | .85                         | .68      | 51  |
| NEW YORK                   | 33 1620001 F01 DUTCHESS COUNTY               | 73   | 55                  |   | 132                           | 114 | .68                         | .54      | 41  |
| NEW YORK                   | 33 1620002 F01 DUTCHESS COUNTY               | 73   | 43                  |   | 90                            | 87  | *                           | *        |     |
| NEW YORK                   | 33 1860001 F01 ELLENVILLE                    | 73   | 41                  |   | 105                           | 91  | .70                         | .56      | 42  |
| NEW YORK                   | 33 3140001 F01 HUDSON                        | 73   | 41                  |   | 183                           | 159 | .93                         | .74      | 56  |
| NEW YORK                   | 33 3400001 F01 JOHNSTON                      | 73   | 54                  | 2                                       | 120                           | 92  | .66                         | .53      | 40  |
| NEW YORK                   | 33 3500001 F01 KINGSTON                      | 73   | 42                  |   | 120                           | 116 | 1.16                        | .93      | 70  |
| NEW YORK                   | 33 3500002 F01 KINGSTON                      | 73   | 49                  | 1                                       | 169                           | 131 | 1.16                        | .93      | 70  |
| NEW YORK                   | 33 4560001 F01 NEWBURG                       | 73   | 54                  | 1                                       | 234                           | 150 | 1.41                        | 1.13     | 85  |
| NEW YORK                   | 33 4600001 F01 NEW PALTZ                     | 73   | 50                  | 1                                       | 176                           | 150 | .95                         | .76      | 57  |
| NEW YORK                   | 33 5620002 F01 POUGHKEEPSIE                  | 73   | 40                  |   | 133                           | 125 | *                           | *        |     |
| NEW YORK                   | 33 5640001 F01 PUTNAM COUNTY                 | 73   | 44                  |   | 104                           | 100 | *                           | *        |     |
| NEW YORK                   | 33 5640002 F01 PUTNAM COUNTY                 | 73   | 49                  |   | 98                            | 88  | .63                         | .50      | 38  |
| NEW YORK                   | 33 5680001 F01 RENSSELAER COUNTY             | 73   | 51                  | 7                                       | 218                           | 175 | 1.26                        | 1.01     | 76  |
| NEW YORK                   | 33 5700001 F01 RENSSELAER COUNTY             | 73   | 57                  | 1                                       | 167                           | 138 | 1.01                        | .81      | 61  |
| NEW YORK                   | 33 5700011 F01 RENSSELAER COUNTY             | 73   | 54                  |   | 99                            | 84  | .51                         | .41      | 31  |
| NEW YORK                   | 33 5700021 F01 RENSSELAER COUNTY             | 73   | 53                  |   | 95                            | 78  | .56                         | .45      | 34  |
| NEW YORK                   | 33 5970003 F01 SARATOGA SPRINGS              | 73   | 51                  |   | 121                           | 116 | .78                         | .62      | 47  |
| NEW YORK                   | 33 5980001 F01 SAUGERTIES                    | 73   | 47                  | 4                                       | 197                           | 176 | 1.15                        | .92      | 69  |
| NEW YORK                   | 33 6020001 F01 SCHEMECTADY                   | 73   | 40                  | 1                                       | 182                           | 148 | *                           | *        |     |

AS OF JUNE 07, 1974

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION          | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. | HIGHEST 24-HR VALJES UG/CU.M. | ANNUAL RATIOS TO GEOM. MEAN |      |
|-------------------------------------|------|---------------------|---|-------------------------------|-----------------------------|------|
|                                     |      |                     |   |                               | 1ST                         | 2ND  |
| 61 HUDSON VALLEY (N.Y.) (CONTINUED) |      |                     |   |                               |                             |      |
| NEW YORK                            | 73   | 59                  | 4                                       | 224                           | 202                         | 1.16 |
| NEW YORK                            | 73   | 50                  |   | 93                            | 83                          | .93  |
| NEW YORK                            | 73   | 56                  |   | 115                           | 103                         | .85  |
| NEW YORK                            | 73   | 61                  |   | 138                           | 127                         | .76  |
| NEW YORK                            | 73   | 49                  |   | 117                           | 115                         | .86  |
| NEW YORK                            | 73   | 54                  | 3                                       | 208                           | 183                         | .85  |
| NEW YORK                            | 73   | 55                  | 11                                      | 390                           | 385                         | .88  |
|                                     |      |                     |   |                               |                             | 1.34 |
| 162 NIAGARA FRONTIER (N.Y.)         |      |                     |   |                               |                             |      |
| NEW YORK                            | 73   | 57                  | 1                                       | 152                           | 148                         | .81  |
| NEW YORK                            | 73   | 56                  | 1                                       | 153                           | 138                         | .85  |
| NEW YORK                            | 73   | 57                  | 3                                       | 166                           | 157                         | .97  |
| NEW YORK                            | 73   | 57                  | 1                                       | 151                           | 142                         | .91  |
| NEW YORK                            | 73   | 14                  | 1                                       | 157                           | 137                         | .81  |
| NEW YORK                            | 73   | 51                  | 1                                       | 172                           | 147                         | .81  |
| NEW YORK                            | 73   | 57                  | 1                                       | 141                           | 124                         | .81  |
| NEW YORK                            | 73   | 58                  | 21                                      | 309                           | 303                         | .81  |
| NEW YORK                            | 73   | 61                  | 12                                      | 279                           | 270                         | .81  |
| NEW YORK                            | 73   | 81                  | 13                                      | 351                           | 213                         | .81  |
| NEW YORK                            | 73   | 349                 | 26                                      | 286                           | 251                         | .81  |
| NEW YORK                            | 73   | 60                  | 1                                       | 120                           | 119                         | .81  |
| NEW YORK                            | 73   | 59                  | 1                                       | 163                           | 139                         | .81  |
| NEW YORK                            | 73   | 201                 |   | 114                           | 113                         | .81  |
| NEW YORK                            | 73   | 57                  |   | 124                           | 123                         | .81  |
| NEW YORK                            | 73   | 62                  |   | 134                           | 123                         | .81  |
| NEW YORK                            | 73   | 306                 | 132                                     | 450                           | 385                         | .81  |
| NEW YORK                            | 73   | 83                  | 11                                      | 291                           | 223                         | .81  |
| NEW YORK                            | 73   | 55                  | 2                                       | 179                           | 156                         | .81  |
| NEW YORK                            | 73   | 59                  | 5                                       | 191                           | 190                         | .81  |
| NEW YORK                            | 73   | 59                  | 7                                       | 227                           | 177                         | .81  |
| NEW YORK                            | 73   | 58                  | 1                                       | 558                           | 134                         | .81  |
| NEW YORK                            | 73   | 57                  | 4                                       | 129                           | 123                         | .81  |
| NEW YORK                            | 73   | 58                  | 4                                       | 241                           | 190                         | .81  |
| NEW YORK                            | 73   | 59                  | 2                                       | 176                           | 170                         | .81  |
| NEW YORK                            | 73   | 58                  | 1                                       | 152                           | 131                         | .81  |
| NEW YORK                            | 73   | 56                  | 4                                       | 215                           | 198                         | .81  |
| NEW YORK                            | 73   | 59                  | 3                                       | 177                           | 171                         | .81  |
| NEW YORK                            | 73   | 56                  | 1                                       | 168                           | 130                         | .81  |
| NEW YORK                            | 73   | 58                  | 1                                       | 122                           | 109                         | .81  |
| NEW YORK                            | 73   | 56                  | 1                                       | 161                           | 148                         | .81  |
| NEW YORK                            | 73   | 12                  | 2                                       | 289                           | 164                         | .81  |
| NEW YORK                            | 73   | 50                  | 7                                       | 193                           | 183                         | .81  |
| NEW YORK                            | 73   | 51                  | 7                                       | 192                           | 191                         | .81  |
| NEW YORK                            | 73   | 58                  | 11                                      | 256                           | 251                         | .81  |

**Table A-1 (continued). SUSPENDED PARTICULATE DATA**

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION | 162 NIAGARA FRONTIER (N.Y.) (CONTINUED) | YEAR | NO. OF VALID VALUES | NO. OF 24-HR VALUES EXCEEDING PRI. | HIGHEST 24-HR VALUE UG/CU.M. | AS OF JUNE 07, 1974 |      | ANN. STOS PRI. | RATIOS TO MEAN UG/CU.M. |
|----------------------------|---|------|---------------------|------------------------------------|------------------------------|---------------------|------|----------------|-------------------------|
|                            |   |      |                     |                                    |                              | 1ST                 | 2ND  |                |                         |
| NEW YORK                   | 33 4740007 F01 NIAGARA FALLS            | 73   | 60                  | 15                                 | 160                          | 225                 | 1.83 | 1.46           | 110                     |
| NEW YORK                   | 33 4740009 F01 NIAGARA FALLS            | 73   | 57                  | 12                                 | 251                          | 182                 | 1.48 | 1.18           | 89                      |
| NEW YORK                   | 33 4900001 F01 NORTH TONAWANDA          | 73   | 47                  | 2                                  | 183                          | 158                 | 1.20 | .96            | 72                      |
| NEW YORK                   | 33 4900002 F01 NORTH TONAWANDA          | 73   | 59                  | 2                                  | 138                          | 135                 | .86  | .69            | 52                      |
| NEW YORK                   | 33 4900005 F01 NORTH TONAWANDA          | 73   | 59                  | 2                                  | 156                          | 151                 | 1.21 | .97            | 73                      |
| NEW YORK                   | 33 6280001 F01 SLOAN                    | 73   | 56                  | 3                                  | 145                          | 139                 | 1.16 | .93            | 70                      |
| NEW YORK                   | 33 6760002 F01 TONAWANDA                | 73   | 59                  | 3                                  | 166                          | 164                 | 1.26 | 1.01           | 76                      |
| NEW YORK                   | 33 6760003 F01 TONAWANDA                | 73   | 59                  | 3                                  | 118                          | 115                 | .91  | .73            | 55                      |
| NEW YORK                   | 33 7450001 F01 WEST SENECA              | 73   | 59                  | 3                                  | 133                          | 131                 | .83  | .66            | 50                      |
| NEW YORK                   | 33 7450002 F01 WEST SENECA              | 73   | 49                  | 1                                  | 144                          | 138                 | 1.06 | .85            | 64                      |
| NEW YORK                   | 33 7455001 F01 WHEATFIELD               | 73   | 59                  | 1                                  | 412                          | 128                 | 1.05 | .84            | 63                      |
|                            | 163 SOUTHERN TIER EAST (N.Y.)           |      |                     |                                    |                              |                     |      |                |                         |
| NEW YORK                   | 33 0480002 F01 BINGHAMTON               | 73   | 40                  | 2                                  | 128                          | 101                 | .70  | .56            | 42                      |
| NEW YORK                   | 33 0480003 F01 BINGHAMTON               | 73   | 45                  | 1                                  | 110                          | 96                  | .71  | .57            | 43                      |
| NEW YORK                   | 33 0640002 F01 BROOME COUNTY            | 73   | 44                  | 1                                  | 116                          | 101                 | .63  | .50            | 38                      |
| NEW YORK                   | 33 1080001 F01 CHEMUNG COUNTY           | 73   | 56                  | 1                                  | 103                          | 91                  | .63  | .50            | 38                      |
| NEW YORK                   | 33 1260001 F01 COOPERSTOWN              | 73   | 47                  | 2                                  | 86                           | 84                  | .60  | .48            | 36                      |
| NEW YORK                   | 33 1530001 F01 DELHI                    | 73   | 21                  | 2                                  | 210                          | 159                 | .78  | .62            | 47                      |
| NEW YORK                   | 33 1530002 F01 DELHI                    | 73   | 28                  | 1                                  | 141                          | 134                 | .76  | .61            | 46                      |
| NEW YORK                   | 33 1580001 F01 ENDICOTT                 | 73   | 55                  | 1                                  | 220                          | 140                 | .90  | .72            | 54                      |
| NEW YORK                   | 33 1980002 F01 ENDICOTT                 | 73   | 51                  | 1                                  | 206                          | 125                 | .96  | .77            | 58                      |
| NEW YORK                   | 33 3380001 F01 JOHNSEN CITY             | 73   | 37                  | 1                                  | 144                          | 129                 | .77  | .56            | 42                      |
| NEW YORK                   | 33 4940001 F01 NORWICH                  | 73   | 55                  | 1                                  | 119                          | 109                 | .70  | .56            | 42                      |
| NEW YORK                   | 33 5020001 F01 OLEAN                    | 73   | 54                  | 1                                  | 139                          | 110                 | .78  | .62            | 47                      |
| NEW YORK                   | 33 5080001 F01 ONEUNTA                  | 73   | 14                  | 1                                  | 122                          | 115                 | .78  | .62            | 47                      |
| NEW YORK                   | 33 5280001 F01 ONEUNTA                  | 73   | 48                  | 1                                  | 128                          | 108                 | .78  | .62            | 47                      |
|                            | 164 SOUTHERN TIER WEST (N.Y.)           |      |                     |                                    |                              |                     |      |                |                         |
| NEW YORK                   | 33 0120001 F01 ALLEGANY COUNTY          | 73   | 50                  | 1                                  | 342                          | 141                 | .76  | .61            | 46                      |
| NEW YORK                   | 33 0840002 F01 CATTARAUGUS COUNTY       | 73   | 40                  | 1                                  | 70                           | 68                  | .46  | .37            | 28                      |
| NEW YORK                   | 33 0840003 F01 CATTARAUGUS COUNTY       | 73   | 56                  | 1                                  | 128                          | 99                  | .65  | .53            | 40                      |
| NEW YORK                   | 33 0840004 F01 CATTARAUGUS COUNTY       | 73   | 51                  | 1                                  | 63                           | 61                  | .45  | .36            | 27                      |
| NEW YORK                   | 33 1060002 F01 CHEMUNG COUNTY           | 73   | 54                  | 1                                  | 125                          | 123                 | .78  | .62            | 47                      |
| NEW YORK                   | 33 1320001 F01 CURNING                  | 73   | 51                  | 4                                  | 248                          | 189                 | 1.26 | 1.01           | 76                      |
| NEW YORK                   | 33 1600001 F01 DUNKIRK                  | 73   | 51                  | 5                                  | 146                          | 121                 | .83  | .66            | 50                      |
| NEW YORK                   | 33 1600002 F01 DUNKIRK                  | 73   | 51                  | 5                                  | 208                          | 179                 | 1.08 | .86            | 65                      |
| NEW YORK                   | 33 1855001 F01 ELLICOTT                 | 73   | 52                  | 3                                  | 129                          | 96                  | .66  | .53            | 40                      |
| NEW YORK                   | 33 1880002 F01 ELMIRA                   | 73   | 54                  | 3                                  | 178                          | 171                 | 1.23 | .98            | 74                      |
| NEW YORK                   | 33 3100001 F01 HURNELL                  | 73   | 48                  | 2                                  | 161                          | 161                 | 1.16 | .93            | 70                      |
| NEW YORK                   | 33 3120001 F01 HORSEHEADS               | 73   | 53                  | 2                                  | 123                          | 120                 | .81  | .65            | 49                      |
| NEW YORK                   | 33 3300001 F01 ITHACA                   | 73   | 20                  | 1                                  | 128                          | 95                  | .78  | .62            | 47                      |
| NEW YORK                   | 33 3320001 F01 JAMESTOWN                | 73   | 54                  | 1                                  | 161                          | 129                 | .98  | .78            | 59                      |

Table A-1 (continued) . SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                       | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEEDING 24-HR STDS. SEC. PRI. | HIGHEST 24-HR VALUES UG/CU.M. | RATIOS TO ANNUAL MEAN |      | AS OF JUNE 07, 1974 |
|--|------|---------------------|---|-------------------------------|-----------------------|------|---------------------|
|  |      |                     |   |                               | 1ST                   | 2ND  |                     |
| <b>164 SOUTHERN TIER WEST (N.Y.) (CONTINUED)</b> |      |                     |   |                               |                       |      |                     |
| NEW YORK   | 73   | 53                  | 8   | 288                           | 243                   | 1.56 | 94                  |
|  |      | 46                  |   | 131                           | 117                   | .80  | 48                  |
| NEW YORK   | 73   | 53                  |   | 139                           | 130                   | .85  | 51                  |
| NEW YORK   | 73   | 41                  | 1   | 176                           | 133                   | *    | *                   |
| NEW YORK   | 73   | 48                  |   | 103                           | 101                   | .70  | 42                  |
| <b>** PRIORITY 1 **</b>                          |      |                     |   |                               |                       |      |                     |
| <b>165 EASTERN MOUNTAIN (N.C.)</b>               |      |                     |   |                               |                       |      |                     |
| NORTH CAROLINA                                   | 73   | 46                  |   | 108                           | 103                   | *    | *                   |
| NORTH CAROLINA                                   | 73   | 9                   |   | 130                           | 120                   | *    | *                   |
| NORTH CAROLINA                                   | 73   | 40                  |   | 109                           | 99                    | *    | *                   |
| NORTH CAROLINA                                   | 73   | 45                  |   | 91                            | 73                    | *    | *                   |
| NORTH CAROLINA                                   | 73   | 27                  | 1   | 232                           | 131                   | *    | *                   |
| NORTH CAROLINA                                   | 73   | 28                  | 2   | 162                           | 151                   | *    | *                   |
| NORTH CAROLINA                                   | 73   | 25                  | 3   | 328                           | 202                   | *    | *                   |
| NORTH CAROLINA                                   | 73   | 45                  |   | 133                           | 128                   | *    | *                   |
| NORTH CAROLINA                                   | 73   | 43                  |   | 101                           | 90                    | *    | *                   |
| NORTH CAROLINA                                   | 73   | 14                  |   | 88                            | 81                    | *    | *                   |
| NORTH CAROLINA                                   | 73   | 43                  |   | 129                           | 112                   | *    | *                   |
| NORTH CAROLINA                                   | 73   | 41                  |   | 109                           | 89                    | *    | *                   |
| NORTH CAROLINA                                   | 73   | 43                  | 10  | 212                           | 188                   | *    | *                   |
| NORTH CAROLINA                                   | 73   | 41                  | 1   | 189                           | 95                    | *    | *                   |
| NORTH CAROLINA                                   | 73   | 48                  |   | 146                           | 132                   | *    | *                   |
| NORTH CAROLINA                                   | 73   | 44                  | 4   | 527                           | 330                   | *    | *                   |
| NORTH CAROLINA                                   | 73   | 46                  |   | 96                            | 94                    | *    | *                   |
| NORTH CAROLINA                                   | 73   | 42                  |   | 91                            | 82                    | *    | *                   |
| NORTH CAROLINA                                   | 73   | 7                   |   | 75                            | 63                    | *    | *                   |
| NORTH CAROLINA                                   | 73   | 32                  |   | 105                           | 96                    | *    | *                   |
| NORTH CAROLINA                                   | 73   | 38                  | 11  | 328                           | 255                   | *    | *                   |
| NORTH CAROLINA                                   | 73   | 42                  |   | 112                           | 87                    | *    | *                   |
| NORTH CAROLINA                                   | 73   | 44                  |   | 143                           | 139                   | *    | *                   |
| NORTH CAROLINA                                   | 73   | 44                  |   | 123                           | 99                    | *    | *                   |
| NORTH CAROLINA                                   | 73   | 43                  |   | 76                            | 75                    | *    | *                   |
| NORTH CAROLINA                                   | 73   | 43                  |   | 81                            | 78                    | *    | *                   |
| NORTH CAROLINA                                   | 73   | 42                  |   | 82                            | 78                    | *    | *                   |
| <b>** PRIORITY 1 **</b>                          |      |                     |   |                               |                       |      |                     |
| <b>166 EASTERN PIEDMONT (N.C.)</b>               |      |                     |   |                               |                       |      |                     |
| NORTH CAROLINA                                   | 73   | 31                  |   | 149                           | 91                    | *    | *                   |
| NORTH CAROLINA                                   | 73   | 41                  | 2   | 201                           | 187                   | *    | *                   |
| NORTH CAROLINA                                   | 73   | 27                  | 3   | 212                           | 168                   | 1.36 | 82                  |
| NORTH CAROLINA                                   | 73   | 42                  | 2   | 166                           | 155                   | *    | *                   |
| NORTH CAROLINA                                   | 73   | 41                  |   | 149                           | 107                   | *    | *                   |
| NORTH CAROLINA                                   | 73   | 16                  |   | 103                           | 62                    | *    | *                   |
| NORTH CAROLINA                                   | 73   | 20                  |   | 73                            | 73                    | *    | *                   |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR FI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                     | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEEDED 24-HR STDS. | HIGHEST 24-HR VALUE UG/CU.M. | RATIOS TO ANNUAL MEAN |      |
|--|-----------|---------------------|--|------------------------------|-----------------------|------|
|  |           |                     |  |                              | 1ST                   | 2ND  |
| <b>166 EASTERN PIEDMONT (N.C.) (CONTINUED)</b> |           |                     |  |                              |                       |      |
| NORTH CAROLINA                                 | 73        | 21                  |  | 81                           | 72                    | *    |
| NORTH CAROLINA                                 | 73        | 41                  |  | 95                           | 99                    | *    |
| NORTH CAROLINA                                 | 73        | 43                  |  | 96                           | 84                    | *    |
| NORTH CAROLINA                                 | 73        | 31                  | 1  | 157                          | 143                   | *    |
| NORTH CAROLINA                                 | 73        | 41                  | 4  | 315                          | 303                   | *    |
| NORTH CAROLINA                                 | 73        | 44                  |  | 127                          | 117                   | *    |
| NORTH CAROLINA                                 | 73        | 43                  |  | 128                          | 106                   | *    |
| NORTH CAROLINA                                 | 73        | 36                  |  | 90                           | 84                    | *    |
| NORTH CAROLINA                                 | 73        | 41                  | 2  | 244                          | 214                   | *    |
| NORTH CAROLINA                                 | 73        | 41                  | 2  | 155                          | 155                   | *    |
| <b>167 METROPOLITAN CHARLOTTE (N.C.-S.C.)</b>  |           |                     |  |                              |                       |      |
| NORTH CAROLINA                                 | 73        | 44                  |  | 172                          | 108                   | *    |
| NORTH CAROLINA                                 | 73        | 31                  | 1  | 125                          | 92                    | *    |
| NORTH CAROLINA                                 | 73        | 41                  |  | 111                          | 100                   | *    |
| NORTH CAROLINA                                 | 73        | 24                  |  | 121                          | 116                   | 1.05 |
| NORTH CAROLINA                                 | 73        | 16                  |  | 113                          | 113                   | *    |
| NORTH CAROLINA                                 | 73        | 41                  | 2  | 166                          | 153                   | *    |
| NORTH CAROLINA                                 | 73        | 41                  |  | 119                          | 102                   | *    |
| NORTH CAROLINA                                 | 73        | 40                  |  | 90                           | 87                    | *    |
| NORTH CAROLINA                                 | 73        | 40                  | 8  | 205                          | 193                   | *    |
| NORTH CAROLINA                                 | 73        | 39                  |  | 61                           | 54                    | *    |
| NORTH CAROLINA                                 | 73        | 41                  |  | 134                          | 118                   | *    |
| NORTH CAROLINA                                 | 73        | 26                  |  | 79                           | 78                    | *    |
| NORTH CAROLINA                                 | 73        | 42                  |  | 119                          | 113                   | *    |
| NORTH CAROLINA                                 | 73        | 28                  |  | 133                          | 117                   | *    |
| NORTH CAROLINA                                 | 73        | 39                  |  | 100                          | 90                    | *    |
| NORTH CAROLINA                                 | 73        | 40                  | 1  | 271                          | 100                   | *    |
| NORTH CAROLINA                                 | 73        | 31                  |  | 94                           | 86                    | *    |
| NORTH CAROLINA                                 | 73        | 37                  |  | 133                          | 126                   | *    |
| NORTH CAROLINA                                 | 73        | 42                  |  | 120                          | 113                   | *    |
| NORTH CAROLINA                                 | 73        | 41                  |  | 90                           | 89                    | *    |
| NORTH CAROLINA                                 | 73        | 42                  |  | 84                           | 84                    | *    |
| NORTH CAROLINA                                 | 73        | 42                  |  | 90                           | 70                    | *    |
| NORTH CAROLINA                                 | 73        | 39                  | 3  | 221                          | 203                   | *    |
| NORTH CAROLINA                                 | 73        | 39                  |  | 112                          | 94                    | *    |
| NORTH CAROLINA                                 | 73        | 43                  |  | 149                          | 114                   | *    |
| NORTH CAROLINA                                 | 73        | 18                  |  | 142                          | 126                   | *    |
| NORTH CAROLINA                                 | 73        | 47                  | 3  | 209                          | 171                   | *    |
| NORTH CAROLINA                                 | 73        | 38                  |  | 99                           | 89                    | *    |
| NORTH CAROLINA                                 | 73        | 43                  |  | 109                          | 103                   | *    |
| NORTH CAROLINA                                 | 73        | 38                  |  | 110                          | 93                    | *    |
| NORTH CAROLINA                                 | 73        | 42                  |  | 95                           | 93                    | *    |
| NORTH CAROLINA                                 | 73        | 43                  | 1  | 160                          | 146                   | *    |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 11110191

| AIR QUALITY CONTROL REGION        | 167 METROPOLITAN CHARLOTTE (N.C.-S.C.) (CONTINUED) | YEAR | 19-- | NU. OF VALID VALUES | NG. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | HIGHEST 24-HR VALUES UG/CU.M. | RATIOS TO ANNUAL MEAN |     |                |
|-----------------------------------|--|------|------|---------------------|--|-------------------------------|-----------------------|-----|----------------|
|                                   |  |      |      |                     |  |                               | 1ST                   | 2ND | ANN. SEC. PRI. |
| NORTH CAROLINA                    | 34 2780001 G02 MT. HLLY                            | 73   |      | 38                  |  | 139                           | 122                   | *   | *              |
| NORTH CAROLINA                    | 34 3460005 G02 ROWAN COUNTY                        | 73   |      | 46                  | 3  | 187                           | 163                   | *   | *              |
| NORTH CAROLINA                    | 34 3460019 G01 ROWAN COUNTY                        | 73   |      | 39                  |  | 130                           | 111                   | *   | *              |
| NORTH CAROLINA                    | 34 3460020 G02 ROWAN COUNTY                        | 73   |      | 26                  | 15   | 646                           | 645                   | *   | *              |
| NORTH CAROLINA                    | 34 3540002 G01 SALISBURY                           | 73   |      | 45                  | 7  | 274                           | 241                   | *   | *              |
| NORTH CAROLINA                    | 34 3920001 F01 STATESVILLE                         | 73   |      | 37                  |  | 112                           | 102                   | *   | *              |
| SOUTH CAROLINA                    | 42 0640001 F01 CHESTER COUNTY                      | 73   |      | 60                  |  | 113                           | 84                    | -73 | -58            |
| SOUTH CAROLINA                    | 42 1440001 F01 LANCASTER                           | 73   |      | 59                  | 3  | 181                           | 181                   | -96 | -77            |
| SOUTH CAROLINA                    | 42 1920001 F01 ROCK HILL                           | 73   |      | 60                  |  | 119                           | 119                   | -98 | -78            |
| SOUTH CAROLINA                    | 42 1920004 F01 ROCK HILL                           | 73   |      | 61                  |  | 140                           | 130                   | -83 | -66            |
| SOUTH CAROLINA                    | 42 2420001 F01 YCRK                                | 73   |      | 61                  |  | 115                           | 113                   | -70 | -56            |
| SOUTH CAROLINA                    | 42 2440001 F01 YORK COUNTY                         | 73   |      | 41                  |  | 128                           | 106                   | *   | *              |
| SOUTH CAROLINA                    | 42 2440001 F03 YORK COUNTY                         | 73   |      | 16                  |  | 65                            | 58                    | *   | *              |
| ** PRIORITY 1 **                  |  |      |      |                     |  |                               |                       |     |                |
| AS OF JUNE 07, 1974               |  |      |      |                     |  |                               |                       |     |                |
| 168 NORTHERN COASTAL PLAIN (N.C.) |  |      |      |                     |  |                               |                       |     |                |
| NORTH CAROLINA                    | 34 0020001 F01 AFOSKIE                             | 73   |      | 40                  |  | 103                           | 81                    | *   | *              |
| NORTH CAROLINA                    | 34 0280001 F02 BEAUFORT COUNTY                     | 73   |      | 40                  | 1  | 195                           | 125                   | *   | *              |
| NORTH CAROLINA                    | 34 0320001 F02 BERTIE COUNTY                       | 73   |      | 43                  | 1  | 166                           | 106                   | *   | *              |
| NORTH CAROLINA                    | 34 1280001 F01 EDENTCN                             | 73   |      | 41                  | 1  | 218                           | 92                    | *   | *              |
| NORTH CAROLINA                    | 34 1320001 F01 ELIZABETH CITY                      | 73   |      | 37                  | 1  | 161                           | 117                   | *   | *              |
| NORTH CAROLINA                    | 34 1660001 F02 FARMVILLE                           | 73   |      | 42                  | 4  | 321                           | 229                   | *   | *              |
| NORTH CAROLINA                    | 34 1760001 F01 GREENVILLE                          | 73   |      | 41                  |  | 144                           | 95                    | *   | *              |
| NORTH CAROLINA                    | 34 1940001 F02 HERTFORD COUNTY                     | 73   |      | 41                  |  | 113                           | 98                    | *   | *              |
| NORTH CAROLINA                    | 34 1940002 F02 HERTFORD COUNTY                     | 73   |      | 43                  |  | 89                            | 79                    | *   | *              |
| NORTH CAROLINA                    | 34 3160001 F02 PLYMOUTH                            | 73   |      | 43                  |  | 123                           | 97                    | *   | *              |
| NORTH CAROLINA                    | 34 4220001 F01 WASHINGTON                          | 73   |      | 43                  |  | 107                           | 87                    | *   | *              |
| ** PRIORITY 2 **                  |  |      |      |                     |  |                               |                       |     |                |
| AS OF JUNE 07, 1974               |  |      |      |                     |  |                               |                       |     |                |
| 169 SANDHILLS (N.C.)              |  |      |      |                     |  |                               |                       |     |                |
| NORTH CAROLINA                    | 34 1120001 F01 DUNN                                | 73   |      | 44                  |  | 139                           | 138                   | *   | *              |
| NORTH CAROLINA                    | 34 1420002 F01 FAYETTEVILLE                        | 73   |      | 42                  |  | 115                           | 113                   | *   | *              |
| NORTH CAROLINA                    | 34 1420003 F02 FAYETTEVILLE                        | 73   |      | 44                  | 1  | 200                           | 142                   | *   | *              |
| NORTH CAROLINA                    | 34 2240001 F01 LALKINBURG                          | 73   |      | 42                  |  | 120                           | 96                    | *   | *              |
| NORTH CAROLINA                    | 34 2460001 F01 LUMBERTON                           | 73   |      | 14                  |  | 106                           | 104                   | *   | *              |
| NORTH CAROLINA                    | 34 2460002 F01 LUMBERTON                           | 73   |      | 21                  |  | 100                           | 99                    | *   | *              |
| NORTH CAROLINA                    | 34 2680001 F01 MOORE COUNTY                        | 73   |      | 41                  |  | 71                            | 55                    | *   | *              |
| NORTH CAROLINA                    | 34 3430001 F02 ROCKINGHAM                          | 73   |      | 43                  | 11   | 264                           | 250                   | *   | *              |
| NORTH CAROLINA                    | 34 3720001 F01 SOUTHERN PINES                      | 73   |      | 40                  | 1  | 252                           | 141                   | *   | *              |
| ** PRIORITY 2 **                  |  |      |      |                     |  |                               |                       |     |                |
| AS OF JUNE 07, 1974               |  |      |      |                     |  |                               |                       |     |                |
| 170 SOUTHERN COASTAL PLAIN (N.C.) |  |      |      |                     |  |                               |                       |     |                |
| NORTH CAROLINA                    | 34 0460002 F02 BRUNSWICK COUNTY                    | 73   |      | 38                  | 10   | 754                           | 395                   | *   | *              |
| NORTH CAROLINA                    | 34 0880001 F02 COLUMBUS COUNTY                     | 73   |      | 41                  | 1  | 190                           | 113                   | *   | *              |
| NORTH CAROLINA                    | 34 0880002 F02 COLUMBUS COUNTY                     | 73   |      | 36                  |  | 111                           | 87                    | *   | *              |

Table A-1 (continued) . SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION   | 170 SOUTHERN COASTAL PLAIN (N.C.) (CONTINUE) | YEAR | NO. OF VALID VALUES | NC. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. PRI. | HIGHEST 24-HR VALUES UG/CU.M. | RATIOS TO ANNUAL     |                |
|------------------------------|--|------|---------------------|---|-------------------------------|----------------------|----------------|
|                              |  |      |                     |   |                               | ANN. STDS. SEC. PRI. | MEAN. UG/CU.M. |
| NORTH CAROLINA               | 34 0940001 F02 GRAVEN COUNTY                 | 73   | 41                  | 1   | 179                           | 123                  | *              |
| NORTH CAROLINA               | 34 1140001 F01 DUPLIN COUNTY                 | 73   | 41                  | 1   | 152                           | 137                  | *              |
| NORTH CAROLINA               | 34 1620002 F01 GOLDSBORO                     | 73   | 43                  | 2   | 166                           | 161                  | *              |
| NORTH CAROLINA               | 34 2100001 F01 JACKSONVILLE                  | 73   | 36                  |   | 134                           | 104                  | *              |
| NORTH CAROLINA               | 34 2100002 F01 JACKSONVILLE                  | 73   | 43                  |   | 115                           | 106                  | *              |
| NORTH CAROLINA               | 34 2220001 F02 KINSTON                       | 73   | 43                  | 1   | 365                           | 122                  | *              |
| NORTH CAROLINA               | 34 2720001 F02 MORHEAC CITY                  | 73   | 42                  | 5   | 214                           | 210                  | *              |
| NORTH CAROLINA               | 34 2860001 F01 NEW BEAN                      | 73   | 43                  | 1   | 155                           | 104                  | *              |
| NORTH CAROLINA               | 34 4185001 F01 WALLACE                       | 73   | 38                  | 1   | 153                           | 108                  | *              |
| NORTH CAROLINA               | 34 4400002 F01 WILMINGTON                    | 73   | 40                  |   | 148                           | 106                  | *              |
| NORTH CAROLINA               | 34 4400004 F02 WILMINGTON                    | 73   | 43                  |   | 139                           | 121                  | *              |
| *** PRIORITY 1 **            |  |      |                     |   |                               |                      |                |
| 171 WESTERN MOUNTAIN (N.C.)  |  |      |                     |   |                               |                      |                |
| NORTH CAROLINA               | 34 0180002 I01 ASHEVILLE                     | 73   | 41                  |   | 86                            | 84                   | *              |
| NORTH CAROLINA               | 34 0180003 I01 ASHEVILLE                     | 73   | 42                  |   | 130                           | 107                  | *              |
| NORTH CAROLINA               | 34 0180004 I02 ASHEVILLE                     | 73   | 43                  | 11  | 225                           | 221                  | *              |
| NORTH CAROLINA               | 34 0180005 I01 ASHEVILLE                     | 73   | 42                  |   | 96                            | 84                   | *              |
| NORTH CAROLINA               | 34 0420001 F02 BREWARD                       | 73   | 37                  |   | 87                            | 64                   | *              |
| NORTH CAROLINA               | 34 0480018 I02 BUNCOMBE COUNTY               | 73   | 42                  | 34  | 884                           | 738                  | *              |
| NORTH CAROLINA               | 34 0480021 I01 BUNCOMBE COUNTY               | 73   | 40                  |   | 75                            | 72                   | *              |
| NORTH CAROLINA               | 34 0480022 I01 BUNCOMBE COUNTY               | 73   | 42                  |   | 86                            | 81                   | *              |
| NORTH CAROLINA               | 34 0480023 I02 BUNCOMBE COUNTY               | 73   | 39                  |   | 122                           | 115                  | *              |
| NORTH CAROLINA               | 34 0480024 I01 BUNCOMBE COUNTY               | 73   | 43                  | 1   | 158                           | 125                  | *              |
| NORTH CAROLINA               | 34 0580002 I02 CANTON                        | 73   | 42                  | 12  | 326                           | 292                  | *              |
| NORTH CAROLINA               | 34 1860001 I01 HAYWOOD COUNTY                | 73   | 33                  |   | 144                           | 93                   | *              |
| NORTH CAROLINA               | 34 1860002 I02 HAYWOOD COUNTY                | 73   | 45                  |   | 131                           | 105                  | *              |
| NORTH CAROLINA               | 34 1860005 I01 HAYWOOD COUNTY                | 73   | 43                  |   | 107                           | 100                  | *              |
| NORTH CAROLINA               | 34 1860006 I02 HAYWOOD COUNTY                | 73   | 43                  | 2   | 179                           | 155                  | *              |
| NORTH CAROLINA               | 34 1860007 I01 HAYWOOD COUNTY                | 73   | 32                  | 5   | 219                           | 196                  | *              |
| NORTH CAROLINA               | 34 1920002 F01 HEADERSVILLE                  | 73   | 42                  | 3   | 329                           | 302                  | *              |
| NORTH CAROLINA               | 34 1920003 F02 HEADERSVILLE                  | 73   | 41                  |   | 101                           | 97                   | *              |
| NORTH CAROLINA               | 34 2080001 F02 JACKSON COUNTY                | 73   | 41                  | 11  | 258                           | 240                  | *              |
| NORTH CAROLINA               | 34 2080002 F02 JACKSON COUNTY                | 73   | 42                  | 14  | 240                           | 202                  | *              |
| NORTH CAROLINA               | 34 2080003 F02 JACKSON COUNTY                | 73   | 14                  | 5   | 389                           | 311                  | *              |
| NORTH CAROLINA               | 34 2500001 F01 MACON COUNTY                  | 73   | 9                   |   | 85                            | 65                   | *              |
| NORTH CAROLINA               | 34 3580001 F01 SWAIN COUNTY                  | 73   | 41                  |   | 113                           | 95                   | *              |
| NORTH CAROLINA               | 34 4300003 I01 WAYNESVILLE                   | 73   | 39                  |   | 95                            | 93                   | *              |
| *** PRIORITY 2 **            |  |      |                     |   |                               |                      |                |
| 172 NORTH DAKOTA (REMAINDER) |  |      |                     |   |                               |                      |                |
| NORTH DAKOTA                 | 35 0100001 A01 BISMARCK                      | 73   | 27                  | 3   | 274                           | 172                  | 1.13 .93 68    |
| NORTH DAKOTA                 | 35 0100001 F01 BISMARCK                      | 73   | 59                  | 1   | 158                           | 108                  | .88 .70 53     |
| NORTH DAKOTA                 | 35 0260001 F01 DEVILS LAKE                   | 73   | 30                  |   | 111                           | 90                   | .86 .69 52     |
| NORTH DAKOTA                 | 35 0300001 F01 DICKINSON                     | 73   | 31                  |   | 149                           | 135                  | .81 .65 49     |



**Table A-1 (continued) . SUSPENDED PARTICULATE DATA**

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                       | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR. STDS. SEC. | HIGHEST 24-HR. VALUE UG/CU.M. 1ST 2ND | ANNUAL RATIOS TO ANN. STDS. SEC. |          | AS OF JUNE 07, 1974 |
|--|------|---------------------|---|---------------------------------------|----------------------------------|----------|---------------------|
|  |      |                     |   |                                       | PRI.                             | UG/CU.M. |                     |
| <b>172 NORTH DAKOTA (REMAINDER) (CONTINUED)</b>  |      |                     |   |                                       |                                  |          |                     |
| NORTH DAKOTA                                     | 73   | 32                  | 1   | 173                                   | 124                              | .91      | .73                 |
| NORTH DAKOTA                                     | 73   | 57                  | 24  | 1,153                                 | 587                              | 2.00     | 1.60                |
| NORTH DAKOTA                                     | 73   | 26                  | 1   | 276                                   | 99                               | *        | *                   |
| NORTH DAKOTA                                     | 73   | 30                  |   | 116                                   | 86                               | .68      | .54                 |
| NORTH DAKOTA                                     | 73   | 31                  | 2   | 281                                   | 184                              | .95      | .76                 |
| NORTH DAKOTA                                     | 73   | 17                  | 3   | 238                                   | 183                              | *        | *                   |
| NORTH DAKOTA                                     | 73   | 30                  | 1   | 164                                   | 105                              | .60      | .48                 |
| NORTH DAKOTA                                     | 73   | 47                  | 1   | 261                                   | 146                              | .43      | .34                 |
| NORTH DAKOTA                                     | 73   | 29                  | 1   | 315                                   | 117                              | .75      | .60                 |
| <b>** PRIORITY 1 **</b>                          |      |                     |   |                                       |                                  |          |                     |
| 173 DAYTON (OHIO)                                | 73   | 44                  | 8   | 148                                   | 139                              | *        | *                   |
| CHIO   | 73   | 25                  | 2   | 367                                   | 352                              | *        | *                   |
| CHIO   | 73   | 12                  | 9   | 240                                   | 190                              | *        | *                   |
| CHIO   | 73   | 44                  | 5   | 260                                   | 199                              | *        | *                   |
| CHIO   | 73   | 11                  |   | 235                                   | 227                              | *        | *                   |
| CHIO   | 73   | 38                  | 1   | 115                                   | 112                              | *        | *                   |
| CHIO   | 73   | 30                  | 1   | 338                                   | 122                              | *        | *                   |
| CHIO   | 73   | 33                  | 1   | 185                                   | 146                              | *        | *                   |
| CHIO   | 73   | 28                  |   | 124                                   | 93                               | *        | *                   |
| OHIO   | 73   | 44                  | 6   | 123                                   | 106                              | *        | *                   |
| CHIO   | 73   | 43                  |   | 211                                   | 200                              | *        | *                   |
| OHIO   | 73   | 43                  |   | 137                                   | 134                              | *        | *                   |
| OHIO   | 73   | 40                  |   | 145                                   | 142                              | *        | *                   |
| OHIO   | 73   | 33                  | 1   | 156                                   | 125                              | *        | *                   |
| OHIO   | 73   | 45                  |   | 137                                   | 132                              | *        | *                   |
| OHIO   | 73   | 46                  |   | 134                                   | 109                              | *        | *                   |
| OHIO   | 73   | 24                  |   | 113                                   | 113                              | *        | *                   |
| OHIO   | 73   | 42                  |   | 105                                   | 103                              | *        | *                   |
| OHIO   | 73   | 39                  |   | 127                                   | 122                              | *        | *                   |
| OHIO   | 73   | 32                  |   | 117                                   | 111                              | *        | *                   |
| OHIO   | 73   | 35                  |   | 138                                   | 134                              | *        | *                   |
| OHIO   | 73   | 45                  |   | 143                                   | 122                              | *        | *                   |
| OHIO   | 73   | 35                  | 1   | 158                                   | 134                              | *        | *                   |
| OHIO   | 73   | 34                  | 1   | 193                                   | 147                              | *        | *                   |
| OHIO   | 73   | 34                  |   | 150                                   | 146                              | *        | *                   |
| <b>** PRIORITY 1 **</b>                          |      |                     |   |                                       |                                  |          |                     |
| <b>174 GREATER METROPOLITAN CLEVELAND (OHIO)</b> |      |                     |   |                                       |                                  |          |                     |
| CHIO   | 73   | 25                  | 2   | 160                                   | 156                              | *        | *                   |
| OHIO   | 73   | 54                  | 1   | 152                                   | 144                              | 1.23     | .98                 |
| OHIO   | 73   | 55                  |   | 138                                   | 127                              | 1.05     | .84                 |
| OHIO   | 73   | 54                  | 2   | 167                                   | 150                              | 1.30     | 1.04                |
| OHIO   | 73   | 54                  | 5   | 186                                   | 171                              | 1.58     | 1.26                |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CENTRAL REGION | 174 GREATER METROPOLITAN CLEVELAND (OHIO) (CONTINUED) | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUJS EXC'D'G 24-HR STDS. | HIGHEST UG/CU.M. | A N N U A L |      | GEOM. MEAN |                     |
|----------------------------|---|------|---------------------|---|------------------|-------------|------|------------|---------------------|
|                            |   |      |                     |   |                  | 1ST         | 2ND  |            | RATIJS TO ANN. STDS |
| OHIO                       | 36 0060014 H01 AKRON                                  | 73   | 54                  | 8                                       | 183              | 181         | 1.61 | 1.29       | 97                  |
| CHIC                       | 36 0100001 H02 ALLIANCE                               | 73   | 57                  | 4                                       | 224              | 179         | 1.33 | 1.06       | 80                  |
| OHIO                       | 36 0340001 H01 AVON LAKE                              | 73   | 32                  | 1                                       | 200              | 123         | *    | *          | *                   |
| CHIO                       | 36 0340002 H01 AVON LAKE                              | 73   | 42                  | 1                                       | 155              | 150         | *    | *          | *                   |
| CHIC                       | 36 0340003 H01 AVON LAKE                              | 73   | 30                  | 1                                       | 121              | 103         | *    | *          | *                   |
| OHIO                       | 36 0340004 H01 AVON LAKE                              | 73   | 33                  | 1                                       | 176              | 114         | *    | *          | *                   |
| OHIO                       | 36 0360001 H01 BARBERTON                              | 73   | 53                  | 1                                       | 161              | 139         | 1.30 | 1.04       | 78                  |
| OHIO                       | 36 0420001 H01 BEACHWOOD                              | 73   | 34                  |   | 146              | 137         | *    | *          | *                   |
| CHIC                       | 36 0460001 H01 BEDFORD HEIGHTS                        | 73   | 34                  |   | 114              | 112         | *    | *          | *                   |
| OHIO                       | 36 0740001 H01 BROADVIEW HEIGHTS                      | 73   | 22                  | 2                                       | 514              | 319         | *    | *          | *                   |
| OHIO                       | 36 1000001 A01 CANTON                                 | 73   | 25                  | 2                                       | 167              | 162         | *    | *          | *                   |
| OHIO                       | 36 1000001 A02 CANTON                                 | 73   | 104                 | 7                                       | 268              | 217         | 1.28 | 1.02       | 77                  |
| CHIC                       | 36 1000002 H01 CANTON                                 | 73   | 60                  | 2                                       | 166              | 162         | 1.08 | .86        | 65                  |
| CHIC                       | 36 1000003 H02 CANTON                                 | 73   | 47                  | 8                                       | 199              | 183         | 1.28 | 1.02       | 77                  |
| CHIC                       | 36 1000004 H02 CANTON                                 | 73   | 59                  | 3                                       | 168              | 155         | 1.16 | .93        | 70                  |
| CHIC                       | 36 1000005 H02 CANTON                                 | 73   | 52                  | 3                                       | 140              | 137         | 1.13 | .90        | 68                  |
| OHIO                       | 36 1000006 H02 CANTON                                 | 73   | 51                  | 3                                       | 206              | 164         | 1.25 | 1.00       | 75                  |
| CHIC                       | 36 1000008 H01 CANTON                                 | 73   | 49                  | 1                                       | 174              | 140         | .90  | .72        | 54                  |
| OHIO                       | 36 1000014 H02 CANTON                                 | 73   | 53                  | 12                                      | 274              | 228         | 1.71 | 1.37       | 103                 |
| OHIO                       | 36 1160001 G02 CHARDON                                | 73   | 59                  | 1                                       | 117              | 110         | .86  | .69        | 52                  |
| CHIC                       | 36 1300001 A01 CLEVELAND                              | 73   | 14                  | 1                                       | 162              | 148         | *    | *          | *                   |
| CHIC                       | 36 1300001 A01 CLEVELAND                              | 73   | 65                  | 4                                       | 289              | 281         | *    | *          | *                   |
| CHIO                       | 36 1300001 H01 CLEVELAND                              | 73   | 76                  | 6                                       | 299              | 289         | 1.36 | 1.09       | 82                  |
| CHIC                       | 36 1300003 H01 CLEVELAND                              | 73   | 79                  | 3                                       | 249              | 187         | 1.46 | 1.17       | 88                  |
| CHIC                       | 36 1300005 H01 CLEVELAND                              | 73   | 71                  | 9                                       | 240              | 201         | *    | *          | *                   |
| OHIO                       | 36 1300006 H01 CLEVELAND                              | 73   | 79                  | 3                                       | 279              | 178         | 1.13 | .90        | 68                  |
| OHIO                       | 36 1300007 H01 CLEVELAND                              | 73   | 77                  | 46                                      | 432              | 413         | 2.91 | 2.33       | 175                 |
| OHIO                       | 36 1300009 H01 CLEVELAND                              | 73   | 82                  | 11                                      | 359              | 292         | 1.48 | 1.18       | 89                  |
| OHIO                       | 36 1300010 H01 CLEVELAND                              | 73   | 80                  | 5                                       | 246              | 183         | 1.10 | .88        | 66                  |
| OHIO                       | 36 1300011 H01 CLEVELAND                              | 73   | 76                  | 1                                       | 227              | 142         | *    | *          | *                   |
| OHIO                       | 36 1300012 H01 CLEVELAND                              | 73   | 81                  | 33                                      | 357              | 317         | 2.23 | 1.78       | 134                 |
| OHIO                       | 36 1300013 H01 CLEVELAND                              | 73   | 76                  | 42                                      | 592              | 353         | 2.53 | 2.02       | 152                 |
| OHIO                       | 36 1300015 H01 CLEVELAND                              | 73   | 70                  | 1                                       | 209              | 149         | *    | *          | *                   |
| OHIO                       | 36 1300017 H01 CLEVELAND                              | 73   | 75                  | 19                                      | 275              | 267         | 1.85 | 1.48       | 111                 |
| OHIO                       | 36 1300020 H01 CLEVELAND                              | 73   | 75                  | 1                                       | 159              | 143         | 1.10 | .88        | 66                  |
| OHIO                       | 36 1300021 H01 CLEVELAND                              | 73   | 78                  | 4                                       | 312              | 243         | 1.08 | .86        | 65                  |
| OHIO                       | 36 1300024 H01 CLEVELAND                              | 73   | 67                  | 8                                       | 335              | 287         | *    | *          | *                   |
| OHIO                       | 36 1300026 H01 CLEVELAND                              | 73   | 73                  | 41                                      | 439              | 390         | *    | *          | *                   |
| OHIO                       | 36 1300027 H01 CLEVELAND                              | 73   | 72                  | 18                                      | 284              | 253         | 1.65 | 1.32       | 99                  |
| OHIO                       | 36 1300028 H01 CLEVELAND                              | 73   | 73                  | 5                                       | 270              | 178         | 1.16 | .93        | 70                  |
| OHIO                       | 36 1300029 H01 CLEVELAND                              | 73   | 72                  | 27                                      | 375              | 356         | 1.88 | 1.50       | 113                 |
| CHIC                       | 36 1300033 H01 CLEVELAND                              | 73   | 75                  | 38                                      | 534              | 390         | 2.51 | 2.01       | 151                 |
| OHIO                       | 36 1600001 H02 CUYAHOGA COUNTY                        | 73   | 25                  | 16                                      | 584              | 531         | *    | *          | *                   |
| OHIO                       | 36 1880001 G02 EASTLAKE                               | 73   | 55                  | 2                                       | 186              | 172         | 1.13 | .90        | 68                  |
| OHIO                       | 36 1880002 G02 EASTLAKE                               | 73   | 59                  | 1                                       | 156              | 124         | 1.08 | .86        | 65                  |

**Table A-1 (continued). SUSPENDED PARTICULATE DATA**

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY REGION | 174 GREATER METROPOLITAN CLEVELAND (OHIO) (CONTINUED) | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D G SEC. | HIGHEST 24-HR VALJES UG/CU. M. | A N N U A L |      | KATIUS TO ANN. STDS SEC. | G E J M . MEAN UG/CU. M. |
|--------------------|---|------|---------------------|----------------------------------|--------------------------------|-------------|------|--------------------------|--------------------------|
|                    |   |      |                     |                                  |                                | 19--        | 24-- |                          |                          |
| OHIO               | 36 2360001 G02 GEauga COUNTY                          | 73   | 59                  | 1                                | 165                            | 149         | 1.11 | .89                      | 67                       |
| OHIO               | 36 2380002 G03 GEauga COUNTY                          | 73   | 45                  |                                  | 118                            | 113         | *    | *                        |                          |
| OHIO               | 36 3200001 H01 KENT COUNTY                            | 73   | 48                  | 5                                | 274                            | 218         | *    | *                        |                          |
| OHIO               | 36 3280001 G03 LAKE COUNTY                            | 73   | 59                  | 1                                | 158                            | 138         | .86  | .69                      | 52                       |
| OHIO               | 36 3280002 G03 LAKE COUNTY                            | 73   | 59                  |                                  | 123                            | 119         | .80  | .64                      | 48                       |
| OHIO               | 36 3280003 G02 LAKE COUNTY                            | 73   | 58                  |                                  | 139                            | 128         | 1.03 | .82                      | 62                       |
| OHIO               | 36 3280004 G03 LAKE COUNTY                            | 73   | 60                  |                                  | 123                            | 113         | .81  | .65                      | 49                       |
| OHIO               | 36 3620002 H02 LORAIN                                 | 73   | 44                  | 3                                | 164                            | 154         | *    | *                        |                          |
| OHIO               | 36 3620003 H02 LORAIN                                 | 73   | 43                  | 13                               | 319                            | 288         | *    | *                        |                          |
| OHIO               | 36 3620005 H01 LORAIN                                 | 73   | 43                  | 3                                | 186                            | 173         | *    | *                        |                          |
| OHIO               | 36 3620006 H02 LORAIN                                 | 73   | 39                  | 1                                | 152                            | 138         | *    | *                        |                          |
| OHIO               | 36 4040001 H02 MASSILLON                              | 73   | 60                  | 3                                | 158                            | 153         | 1.20 | .96                      | 72                       |
| OHIO               | 36 4140001 H01 MECINA                                 | 73   | 55                  |                                  | 137                            | 128         | 1.20 | .96                      | 72                       |
| OHIO               | 36 4200003 G01 MENTOR                                 | 73   | 60                  | 2                                | 174                            | 153         | .95  | .76                      | 57                       |
| OHIO               | 36 4980001 H01 NORTH OLKSTED                          | 73   | 31                  |                                  | 112                            | 105         | *    | *                        |                          |
| OHIO               | 36 5320002 G02 PAINESVILLE                            | 73   | 61                  |                                  | 141                            | 140         | 1.20 | .96                      | 72                       |
| OHIO               | 36 5340001 H01 PAVONA                                 | 73   | 33                  |                                  | 127                            | 107         | *    | *                        |                          |
| OHIO               | 36 5680001 H01 RAVENNA                                | 73   | 54                  | 2                                | 156                            | 153         | 1.20 | .96                      | 72                       |
| OHIO               | 36 6400001 H03 STARK COUNTY                           | 73   | 55                  |                                  | 127                            | 120         | .80  | .64                      | 48                       |
| OHIO               | 36 6400002 H03 STARK COUNTY                           | 73   | 53                  | 1                                | 168                            | 148         | 1.10 | .88                      | 66                       |
| OHIO               | 36 6400003 H03 STARK COUNTY                           | 73   | 60                  | 1                                | 151                            | 119         | .86  | .69                      | 52                       |
| OHIO               | 36 6400004 H03 STARK COUNTY                           | 73   | 58                  | 4                                | 226                            | 222         | 1.13 | .90                      | 68                       |
| OHIO               | 36 6400005 H03 STARK COUNTY                           | 73   | 59                  |                                  | 118                            | 117         | .90  | .72                      | 54                       |
| OHIO               | 36 6460001 H02 STRONGSVILLE                           | 73   | 32                  | 2                                | 201                            | 154         | *    | *                        |                          |
| OHIO               | 36 6500001 H03 SUMMIT COUNTY                          | 73   | 49                  | 3                                | 181                            | 179         | .93  | .74                      | 56                       |
| OHIO               | 36 6500002 H03 SUMMIT COUNTY                          | 73   | 51                  |                                  | 140                            | 135         | *    | *                        |                          |
| OHIO               | 36 6540001 H01 TALLMADGE                              | 73   | 51                  | 8                                | 182                            | 175         | *    | *                        |                          |
| OHIO               | 36 6740001 H01 TWINSBURG                              | 73   | 49                  | 1                                | 187                            | 145         | *    | *                        |                          |
| OHIO               | 36 6980001 H01 WADSWORTH                              | 73   | 51                  | 3                                | 196                            | 171         | *    | *                        |                          |
| OHIO               | 36 7380001 G02 WICKLIFFE                              | 73   | 58                  | 1                                | 153                            | 139         | 1.16 | .93                      | 70                       |
| OHIO               | 36 7460001 G03 WILLOUGHBY HILLS                       | 73   | 56                  |                                  | 119                            | 113         | .86  | .69                      | 52                       |
| OHIO               | 36 7480001 G01 WILLOWICK                              | 73   | 57                  |                                  | 147                            | 124         | 1.03 | .82                      | 62                       |
|                    | 175 MANSFIELD-MARION (OHIO)                           |      |                     | ** PRIORITY 2 **                 |                                |             |      |                          |                          |
| OHIO               | 36 1020001 F02 CARLY                                  | 73   | 28                  | 3                                | 296                            | 262         | *    | *                        |                          |
| OHIO               | 36 3840001 F01 MANSFIELD                              | 73   | 27                  | 7                                | 274                            | 224         | *    | *                        |                          |
| OHIO               | 36 7160001 H03 WAYNE COUNTY                           | 73   | 55                  | 1                                | 159                            | 135         | .85  | .68                      | 51                       |
|                    | 176 METROPOLITAN COLUMBUS (OHIO)                      |      |                     | ** PRIORITY 1 **                 |                                |             |      |                          |                          |
| OHIO               | 36 1460001 A01 COLUMBUS                               | 73   | 8                   |                                  | 116                            | 75          | *    | *                        |                          |
| OHIO               | 36 1460001 F01 COLUMBUS                               | 73   | 59                  | 17                               | 286                            | 240         | *    | *                        |                          |
| OHIO               | 36 1460001 H01 COLUMBUS                               | 73   | 28                  | 2                                | 218                            | 157         | *    | *                        |                          |
| OHIO               | 36 1450004 F01 COLUMBUS                               | 73   | 14                  | 1                                | 163                            | 128         | *    | *                        |                          |

**Table A-1 (continued). SUSPENDED PARTICULATE DATA**

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                               | YEAR | NO. OF VALID VALS | NO. OF 24-HR STDS. SEC. | NC. OF DAILY EXC'D'S. PRI. | HIGHEST 24-HR VALUES UG/CU.M. |     | RATIOS TO ANN. STDS. UG/100 M. |      | AS OF               |
|--|------|-------------------|-------------------------|----------------------------|-------------------------------|-----|--------------------------------|------|---------------------|
|  |      |                   |                         |                            | 1ST                           | 2ND | SEC.                           | PRI. |                     |
| <b>176 METROPOLITAN COLUMBUS (OHIO) (CONTINUED)</b>      |      |                   |                         |                            |                               |     |                                |      |                     |
| OHIO   | 73   | 27                | 1                       |                            | 174                           | 133 | *                              | *    | AS OF JUNE 07, 1974 |
| OHIO   | 73   | 14                |                         |                            | 143                           | 136 | *                              | *    |                     |
| OHIO   | 73   | 27                | 4                       |                            | 203                           | 200 | *                              | *    |                     |
| OHIO   | 73   | 14                |                         |                            | 128                           | 103 | *                              | *    |                     |
| OHIO   | 73   | 23                |                         |                            | 121                           | 92  | *                              | *    |                     |
| OHIO   | 73   | 108               | 14                      | 2                          | 326                           | 321 | *                              | *    |                     |
| OHIO   | 73   | 43                |                         |                            | 124                           | 90  | *                              | *    |                     |
| OHIO   | 73   | 45                |                         |                            | 93                            | 90  | *                              | *    |                     |
| OHIO   | 73   | 45                |                         |                            | 130                           | 123 | *                              | *    |                     |
| <b>178 NORTHWEST PENNSYLVANIA-YOUNGSTOWN (OHIO-PENN)</b> |      |                   |                         |                            |                               |     |                                |      |                     |
| OHIO   | 73   | 24                | 5                       |                            | 192                           | 183 | *                              | *    | AS OF JUNE 07, 1974 |
| OHIO   | 73   | 30                |                         |                            | 118                           | 110 | 71                             | 57   | 43                  |
| OHIO   | 73   | 26                | 5                       | 1                          | 289                           | 210 | 1.53                           | 1.22 | 92                  |
| OHIO   | 73   | 9                 |                         |                            | 88                            | 87  | *                              | *    |                     |
| OHIO   | 73   | 14                | 1                       |                            | 180                           | 121 | *                              | *    |                     |
| OHIO   | 73   | 13                |                         |                            | 150                           | 121 | *                              | *    |                     |
| OHIO   | 73   | 14                | 2                       | 1                          | 304                           | 204 | *                              | *    |                     |
| OHIO   | 73   | 11                |                         |                            | 110                           | 81  | *                              | *    |                     |
| OHIO   | 73   | 16                | 11                      | 7                          | 695                           | 561 | *                              | *    |                     |
| OHIO   | 73   | 15                | 5                       | 2                          | 308                           | 277 | *                              | *    |                     |
| <b>175 PARKERSBURG-MARIFITTA (OHIO-W.VA.)</b>            |      |                   |                         |                            |                               |     |                                |      |                     |
| OHIO   | 73   | 15                |                         |                            | 124                           | 99  | *                              | *    | AS OF JUNE 07, 1974 |
| OHIO   | 73   | 15                |                         |                            | 100                           | 79  | *                              | *    |                     |
| OHIO   | 73   | 14                |                         |                            | 116                           | 115 | *                              | *    |                     |
| <b>180 SANDUSKY (OHIO)</b>                               |      |                   |                         |                            |                               |     |                                |      |                     |
| OHIO   | 73   | 42                | 9                       | 1                          | 267                           | 217 | *                              | *    | AS OF JUNE 07, 1974 |
| OHIO   | 73   | 39                | 22                      | 12                         | 953                           | 753 | *                              | *    |                     |
| OHIO   | 73   | 17                | 4                       | 2                          | 492                           | 262 | *                              | *    |                     |
| OHIO   | 73   | 16                | 1                       |                            | 178                           | 148 | *                              | *    |                     |
| OHIO   | 73   | 17                | 4                       |                            | 180                           | 179 | *                              | *    |                     |
| <b>181 STEUBENVILLE-WELRTON-WHEELING (OHIO-W.VA.)</b>    |      |                   |                         |                            |                               |     |                                |      |                     |
| OHIO   | 73   | 14                |                         |                            | 99                            | 91  | *                              | *    | AS OF JUNE 07, 1974 |
| OHIO   | 73   | 41                | 15                      | 0                          | 445                           | 367 | *                              | *    |                     |
| OHIO   | 73   | 25                |                         |                            | 139                           | 131 | *                              | *    |                     |
| OHIO   | 73   | 19                | 5                       |                            | 244                           | 200 | *                              | *    |                     |
| OHIO   | 73   | 43                | 16                      | 1                          | 292                           | 256 | *                              | *    |                     |
| OHIO   | 73   | 40                | 9                       | 1                          | 331                           | 257 | *                              | *    |                     |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER, SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                                 | YEAR | NO. OF VALID VALUES | NO. OF VALUES EXCEEDING 24-HR STD. | NO. OF DAILY 24-HR VALUES | HIGHEST 24-HR VALUES |     | ANNUAL RATIOS TO GEOM. MEAN |      |     |
|--|------|---------------------|------------------------------------|---------------------------|----------------------|-----|-----------------------------|------|-----|
|  |      |                     |                                    |                           | 1ST                  | 2ND | SEC.                        | PRI. |     |
| 181 STEUBENVILLE-WEIRTON-WHEELING (OHIO-W. VA) (CONTINUED) |      |                     |                                    |                           |                      |     |                             |      |     |
| OHIO   | 73   | 35                  | 9                                  | 1                         | 275                  | 206 | *                           | *    | *   |
| OHIO   | 73   | 38                  | 18                                 | 7                         | 370                  | 351 | *                           | *    | *   |
| OHIO   | 73   | 41                  | 6                                  | 1                         | 312                  | 191 | *                           | *    | *   |
| OHIO   | 73   | 43                  | 2                                  | 1                         | 281                  | 151 | *                           | *    | *   |
| OHIO   | 73   | 41                  | 4                                  | 4                         | 181                  | 179 | *                           | *    | *   |
| OHIO   | 73   | 40                  | 24                                 | 7                         | 526                  | 433 | *                           | *    | *   |
| OHIO   | 73   | 14                  | 9                                  | 3                         | 395                  | 365 | *                           | *    | *   |
| OHIO   | 73   | 39                  | 8                                  | 3                         | 353                  | 298 | *                           | *    | *   |
| OHIO   | 73   | 17                  | 10                                 | 3                         | 390                  | 310 | *                           | *    | *   |
| OHIO   | 73   | 41                  | 3                                  | 3                         | 211                  | 156 | *                           | *    | *   |
| OHIO   | 73   | 18                  | 14                                 | 3                         | 149                  | 114 | *                           | *    | *   |
| OHIO   | 73   | 42                  | 9                                  | 3                         | 317                  | 274 | *                           | *    | *   |
| OHIO   | 73   | 24                  | 12                                 | 3                         | 511                  | 319 | 1.50                        | 2.00 | 150 |
| OHIO   | 73   | 210                 | 128                                | 58                        | 621                  | 574 | *                           | *    | *   |
| OHIO   | 73   | 43                  | 20                                 | 8                         | 420                  | 362 | *                           | *    | *   |
| OHIO   | 73   | 36                  | 10                                 | 10                        | 256                  | 239 | *                           | *    | *   |
| OHIO   | 73   | 21                  | 11                                 | 11                        | 113                  | 111 | *                           | *    | *   |
| OHIO   | 73   | 9                   | 3                                  | 3                         | 197                  | 186 | *                           | *    | *   |
| OHIO   | 73   | 5                   | 3                                  | 1                         | 376                  | 235 | *                           | *    | *   |
| OHIO   | 73   | 8                   | 8                                  | 1                         | 120                  | 112 | *                           | *    | *   |
| OHIO   | 73   | 5                   | 1                                  | 1                         | 201                  | 133 | *                           | *    | *   |
| OHIO   | 73   | 9                   | 1                                  | 1                         | 153                  | 136 | *                           | *    | *   |
| OHIO   | 73   | 9                   | 4                                  | 4                         | 208                  | 202 | *                           | *    | *   |
| OHIO   | 73   | 14                  | 3                                  | 3                         | 171                  | 161 | *                           | *    | *   |
| OHIO   | 73   | 15                  | 4                                  | 4                         | 176                  | 165 | *                           | *    | *   |
| OHIO   | 73   | 15                  | 1                                  | 1                         | 154                  | 141 | *                           | *    | *   |
| OHIO   | 73   | 15                  | 15                                 | 15                        | 120                  | 108 | *                           | *    | *   |
| OHIO   | 73   | 14                  | 14                                 | 14                        | 109                  | 108 | *                           | *    | *   |
| ** PRIORITY 1 **   |      |                     |                                    |                           |                      |     |                             |      |     |
| OKLAHOMA   | 73   | 96                  | 8                                  | 8                         | 255                  | 225 | 1.16                        | .93  | 70  |
| OKLAHOMA   | 73   | 51                  | 1                                  | 1                         | 654                  | 113 | *                           | *    | *   |
| OKLAHOMA   | 73   | 100                 | 2                                  | 2                         | 232                  | 185 | .91                         | .73  | 55  |
| OKLAHOMA   | 73   | 82                  | 3                                  | 3                         | 233                  | 172 | .85                         | .68  | 51  |
| OKLAHOMA   | 73   | 35                  | 1                                  | 1                         | 226                  | 99  | *                           | *    | *   |
| OKLAHOMA   | 73   | 36                  | 1                                  | 1                         | 122                  | 107 | *                           | *    | *   |
| OKLAHOMA   | 73   | 101                 | 1                                  | 1                         | 171                  | 140 | 1.10                        | .88  | 66  |
| OKLAHOMA   | 73   | 100                 | 1                                  | 1                         | 225                  | 127 | .88                         | .70  | 53  |
| OKLAHOMA   | 73   | 93                  | 1                                  | 1                         | 213                  | 92  | .78                         | .62  | 47  |
| OKLAHOMA   | 73   | 82                  | 1                                  | 1                         | 163                  | 121 | .76                         | .61  | 46  |
| OKLAHOMA   | 73   | 106                 | 1                                  | 1                         | 147                  | 96  | .65                         | .52  | 39  |
| OKLAHOMA   | 73   | 40                  | 3                                  | 3                         | 126                  | 112 | .61                         | .49  | 37  |
| OKLAHOMA   | 73   | 98                  | 1                                  | 1                         | 221                  | 201 | *                           | *    | *   |
| OKLAHOMA   | 73   | 252                 | 137                                | 137                       | 61                   | 49  | .61                         | .49  | 37  |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

MET POC: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION | 184 CENTRAL OKLAHOMA (CONTINUED) | YEAR | NO. OF DAILY VALUES EXC'D G 24-HR STDS. PRI. | MC. OF DAILY VALUES EXC'D G 24-HR STDS. PRI. | HIGHEST 24-HR VALUES UG/CU.M. |       | ANNUAL RATIO TO MEAN UG/CU.M. |      |  |
|----------------------------|----------------------------------|------|--|--|-------------------------------|-------|-------------------------------|------|--|
|                            |                                  |      |  |  | 1ST                           | 2ND   | SEC.                          | PRI. |  |
| OKLAHOMA                   | 37 2200015 A01 OKLAHOMA CITY     | 73   | 17   | 2  | 182                           | 151   | *                             | *    |  |
| OKLAHOMA                   | 37 2200015 F01 OKLAHOMA CITY     | 73   | 92   | 11   | 299                           | 223   | 1.66                          | 1.33 |  |
| OKLAHOMA                   | 37 2200017 F01 OKLAHOMA CITY     | 73   | 98   | 27   | 376                           | 324   | 1.90                          | 1.52 |  |
| OKLAHOMA                   | 37 2200018 F01 OKLAHOMA CITY     | 73   | 100  | 7  | 314                           | 221   | 1.68                          | 1.34 |  |
| OKLAHOMA                   | 37 2200019 F01 OKLAHOMA CITY     | 73   | 101  | 1  | 281                           | 238   | 1.20                          | .96  |  |
| OKLAHOMA                   | 37 2200020 F01 OKLAHOMA CITY     | 73   | 101  | 2  | 312                           | 211   | .66                           | .53  |  |
| OKLAHOMA                   | 37 2200021 F01 OKLAHOMA CITY     | 73   | 97   | 3  | 245                           | 180   | .90                           | .72  |  |
| OKLAHOMA                   | 37 2200022 F01 OKLAHOMA CITY     | 73   | 54   | 17   | 329                           | 233   | *                             | *    |  |
| OKLAHOMA                   | 37 2200028 F01 OKLAHOMA CITY     | 73   | 136  | 8  | 1,367                         | 1,301 | 1.26                          | 1.01 |  |
| OKLAHOMA                   | 37 2260029 A01 OKLAHOMA CITY     | 73   | 12   | 1  | 114                           | 82    | *                             | *    |  |
| OKLAHOMA                   | 37 2500072 F01 PURCELL           | 73   | 36   | 1  | 212                           | 103   | *                             | *    |  |
| OKLAHOMA                   | 37 2780052 F01 SHAWNEE           | 73   | 73   |  | 119                           | 85    | .65                           | .52  |  |
| 185 NORTH CENTRAL OKLAHOMA |                                  |      |  |  |                               |       |                               |      |  |
| OKLAHOMA                   | 37 0280559 F01 BLACKWELL         | 73   | 48   |  | 131                           | 119   | 1.08                          | .86  |  |
| OKLAHOMA                   | 37 0720613 F01 CUSHING           | 73   | 16   | 1  | 151                           | 110   | *                             | *    |  |
| OKLAHOMA                   | 37 1020550 F01 ENID              | 73   | 44   |  | 117                           | 103   | .88                           | .70  |  |
| OKLAHOMA                   | 37 2440590 F01 PONCA CITY        | 73   | 29   |  | 128                           | 119   | *                             | *    |  |
| OKLAHOMA                   | 37 2840610 F01 STILLWATER        | 73   | 34   | 1  | 154                           | 93    | *                             | *    |  |
| 186 NORTHEASTERN OKLAHOMA  |                                  |      |  |  |                               |       |                               |      |  |
| OKLAHOMA                   | 37 0200215 F01 BARTLESVILLE      | 73   | 42   | 3  | 306                           | 216   | *                             | *    |  |
| OKLAHOMA                   | 37 0200216 F01 BARTLESVILLE      | 73   | 31   |  | 99                            | 98    | *                             | *    |  |
| OKLAHOMA                   | 37 0560190 F01 CLAREMORE         | 73   | 100  | 1  | 156                           | 150   | 1.01                          | .81  |  |
| OKLAHOMA                   | 37 0800500 F01 DELAWARE COUNTY   | 73   | 58   |  | 128                           | 114   | .81                           | .65  |  |
| OKLAHOMA                   | 37 0840219 F01 DEWEY             | 73   | 126  | 3  | 228                           | 193   | .73                           | .58  |  |
| OKLAHOMA                   | 37 1920524 F01 MIAMI             | 73   | 46   |  | 107                           | 101   | *                             | *    |  |
| OKLAHOMA                   | 37 1980162 F01 MUSKOGEE          | 73   | 66   |  | 150                           | 118   | .76                           | .61  |  |
| OKLAHOMA                   | 37 1980163 F01 MUSKOGEE          | 73   | 14   |  | 118                           | 108   | *                             | *    |  |
| OKLAHOMA                   | 37 1980164 F01 MUSKOGEE          | 73   | 45   |  | 131                           | 113   | *                             | *    |  |
| OKLAHOMA                   | 37 220151 F01 OSAGE COUNTY       | 73   | 96   | 1  | 326                           | 112   | .61                           | .49  |  |
| OKLAHOMA                   | 37 2260229 F01 OSAGE COUNTY      | 73   | 38   |  | 88                            | 84    | .68                           | .54  |  |
| OKLAHOMA                   | 37 2280525 F01 OTTAWA COUNTY     | 73   | 11   |  | 78                            | 56    | *                             | *    |  |
| OKLAHOMA                   | 37 2320220 F01 PAMUSKA           | 73   | 25   |  | 117                           | 97    | *                             | *    |  |
| OKLAHOMA                   | 37 2540180 F01 PRYOR             | 73   | 111  | 2  | 525                           | 174   | 1.08                          | .86  |  |
| OKLAHOMA                   | 37 2540181 F01 PRYOR             | 73   | 103  | 2  | 422                           | 190   | .96                           | .77  |  |
| OKLAHOMA                   | 37 2620154 F01 ROGERS COUNTY     | 73   | 66   | 1  | 329                           | 96    | *                             | *    |  |
| OKLAHOMA                   | 37 2680143 F01 SAPULPA           | 73   | 49   |  | 100                           | 87    | *                             | *    |  |
| OKLAHOMA                   | 37 3000001 A01 TULSA             | 73   | 31   | 1  | 220                           | 127   | 1.05                          | .84  |  |
| OKLAHOMA                   | 37 3000110 F01 TULSA             | 73   | 64   | 8  | 365                           | 335   | 1.08                          | .86  |  |
| OKLAHOMA                   | 37 3000111 F01 TULSA             | 73   | 116  | 17   | 526                           | 254   | 1.30                          | 1.04 |  |
| OKLAHOMA                   | 37 3000112 F01 TULSA             | 73   | 119  | 3  | 479                           | 180   | .78                           | .62  |  |
| OKLAHOMA                   | 37 3600116 F01 TULSA             | 73   | 73   | 4  | 419                           | 194   | *                             | *    |  |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                   | YEAR | NO. OF VALID VALUES | NO. OF NG. VALUES | EXC'D'G 24-HR STDS. PRI. | HIGHEST 24-HR VALUES US/CU.M. 1ST 2ND | RATIOS TO ANNUAL GEOM. MEAN |               |      |
|--|------|---------------------|-------------------|--------------------------|---------------------------------------|-----------------------------|---------------|------|
|  |      |                     |                   |                          |                                       | ANN. STDS. SEC.             | PRI. UG/CU.M. |      |
| <b>186 NORTHEASTERN OKLAHOMA (CONTINUED)</b> |      |                     |                   |                          |                                       |                             |               |      |
| OKLAHOMA                                     | 73   | 112                 | 10                | 1                        | 630                                   | 222                         | 1.48          | 1.18 |
| OKLAHOMA                                     | 73   | 107                 | 1                 | 1                        | 263                                   | 139                         | .75           | .60  |
| OKLAHOMA                                     | 73   | 74                  |                   |                          | 72                                    | 68                          | .38           | .30  |
| OKLAHOMA                                     | 73   | 19                  |                   |                          | 140                                   | 122                         | *             | *    |
| ** PRIORITY 3 **                             |      |                     |                   |                          |                                       |                             |               |      |
| OKLAHOMA                                     | 73   | 18                  | 2                 |                          | 195                                   | 153                         | *             | *    |
| OKLAHOMA                                     | 73   | 43                  | 5                 | 3                        | 315                                   | 295                         | 1.45          | 1.16 |
| OKLAHOMA                                     | 73   | 28                  | 2                 | 1                        | 314                                   | 245                         | *             | *    |
| OKLAHOMA                                     | 73   | 13                  |                   |                          | 130                                   | 74                          | *             | *    |
| OKLAHOMA                                     | 73   | 47                  | 1                 |                          | 188                                   | 113                         | *             | *    |
| ** PRIORITY 3 **                             |      |                     |                   |                          |                                       |                             |               |      |
| <b>188 SOUTHEASTERN OKLAHOMA</b>             |      |                     |                   |                          |                                       |                             |               |      |
| OKLAHOMA                                     | 73   | 6                   |                   |                          | 65                                    | 36                          | *             | *    |
| OKLAHOMA                                     | 73   | 31                  |                   |                          | 113                                   | 79                          | *             | *    |
| OKLAHOMA                                     | 73   | 45                  | 1                 |                          | 157                                   | 130                         | 1.10          | .88  |
| OKLAHOMA                                     | 73   | 14                  |                   |                          | 62                                    | 50                          | *             | *    |
| OKLAHOMA                                     | 73   | 54                  | 3                 |                          | 178                                   | 159                         | 1.18          | .94  |
| OKLAHOMA                                     | 73   | 30                  | 2                 |                          | 160                                   | 156                         | *             | *    |
| OKLAHOMA                                     | 73   | 28                  |                   |                          | 101                                   | 97                          | *             | *    |
| OKLAHOMA                                     | 73   | 48                  |                   |                          | 113                                   | 87                          | .61           | .49  |
| OKLAHOMA                                     | 73   | 44                  |                   |                          | 119                                   | 117                         | .90           | .72  |
| OKLAHOMA                                     | 73   | 20                  | 4                 | 3                        | 368                                   | 330                         | *             | *    |
| OKLAHOMA                                     | 73   | 23                  |                   |                          | 135                                   | 131                         | *             | *    |
| OKLAHOMA                                     | 73   | 32                  |                   |                          | 99                                    | 80                          | *             | *    |
| ** PRIORITY 3 **                             |      |                     |                   |                          |                                       |                             |               |      |
| <b>189 SOUTHWESTERN OKLAHOMA</b>             |      |                     |                   |                          |                                       |                             |               |      |
| OKLAHOMA                                     | 73   | 48                  | 1                 | 1                        | 1,333                                 | 128                         | 1.18          | .94  |
| OKLAHOMA                                     | 73   | 26                  |                   |                          | 112                                   | 77                          | *             | *    |
| OKLAHOMA                                     | 73   | 34                  |                   |                          | 91                                    | 87                          | *             | *    |
| OKLAHOMA                                     | 73   | 44                  |                   |                          | 104                                   | 103                         | 1.01          | .81  |
| OKLAHOMA                                     | 73   | 18                  | 3                 | 2                        | 300                                   | 277                         | *             | *    |
| OKLAHOMA                                     | 73   | 60                  | 5                 |                          | 190                                   | 174                         | 1.46          | 1.17 |
| OKLAHOMA                                     | 73   | 51                  | 2                 |                          | 256                                   | 162                         | 1.21          | .97  |
| OKLAHOMA                                     | 73   | 53                  | 4                 |                          | 249                                   | 188                         | 1.23          | .98  |
| OKLAHOMA                                     | 73   | 44                  |                   |                          | 111                                   | 85                          | .50           | .40  |
| ** PRIORITY 2 **                             |      |                     |                   |                          |                                       |                             |               |      |
| OREGON                                       | 73   | 34                  |                   |                          | 82                                    | 76                          | *             | *    |
| OREGON                                       | 73   | 43                  |                   |                          | 98                                    | 78                          | *             | *    |
| OREGON                                       | 73   | 11                  | 1                 |                          | 203                                   | 87                          | *             | *    |
| OREGON                                       | 73   | 29                  | 2                 | 1                        | 295                                   | 205                         | *             | *    |
| OREGON                                       | 73   | 19                  |                   |                          | 102                                   | 97                          | *             | *    |
| ** PRIORITY 2 **                             |      |                     |                   |                          |                                       |                             |               |      |
| <b>190 CENTRAL OREGON</b>                    |      |                     |                   |                          |                                       |                             |               |      |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION | YEAR 19-- | NO. OF VALID VALUES | NO. OF VALUES EXC'D*G 24-HR STDS. PRI. | NC. OF DAILY STDS. PRI. | HIGHEST 24-HR VALUES UG/CU.M. | AS OF JUNE 07, 1974 |     | AVERAGE ANNUAL CONCENTRATION UG/CU.M. |
|----------------------------|-----------|---------------------|--|-------------------------|-------------------------------|---------------------|-----|---------------------------------------|
|                            |           |                     |  |                         |                               | 1ST                 | 2ND |                                       |
| 191 EASTERN OREGON         |           |                     | ** PRIORITY 2 **                       |                         |                               |                     |     |                                       |
| OREGON                     | 73        | 33                  | 1                                      |                         | 162                           | 147                 | *   | *                                     |
| OREGON                     | 73        | 36                  | 1                                      |                         | 171                           | 98                  | *   | *                                     |
| OREGON                     | 73        | 33                  | 4                                      |                         | 211                           | 202                 | *   | *                                     |
| OREGON                     | 73        | 32                  | 3                                      |                         | 243                           | 184                 | *   | *                                     |
| 192 NORTHWEST OREGON       |           |                     | ** PRIORITY 3 **                       |                         |                               |                     |     |                                       |
| OREGON                     | 73        | 34                  |  |                         | 100                           | 96                  | *   | *                                     |
| 193 PORTLAND (ORE-WASH)    |           |                     | ** PRIORITY 1 **                       |                         |                               |                     |     |                                       |
| OREGON                     | 73        | 15                  |  |                         | 42                            | 39                  | *   | *                                     |
| OREGON                     | 73        | 31                  |  |                         | 93                            | 68                  | *   | *                                     |
| OREGON                     | 73        | 13                  |  |                         | 131                           | 101                 | *   | *                                     |
| OREGON                     | 73        | 25                  |  |                         | 70                            | 70                  | *   | *                                     |
| OREGON                     | 73        | 13                  |  |                         | 135                           | 128                 | *   | *                                     |
| OREGON                     | 73        | 30                  |  |                         | 48                            | 48                  | *   | *                                     |
| OREGON                     | 73        | 15                  |  |                         | 64                            | 63                  | *   | *                                     |
| OREGON                     | 73        | 31                  |  |                         | 41                            | 32                  | *   | *                                     |
| OREGON                     | 73        | 11                  |  |                         | 67                            | 49                  | *   | *                                     |
| OREGON                     | 73        | 27                  |  |                         | 80                            | 72                  | *   | *                                     |
| OREGON                     | 73        | 15                  |  |                         | 82                            | 79                  | *   | *                                     |
| OREGON                     | 73        | 31                  |  |                         | 39                            | 36                  | *   | *                                     |
| OREGON                     | 73        | 30                  | 3                                      | 1                       | 75                            | 54                  | *   | *                                     |
| OREGON                     | 73        | 12                  |  |                         | 265                           | 170                 | *   | *                                     |
| OREGON                     | 73        | 78                  |  |                         | 94                            | 42                  | *   | *                                     |
| OREGON                     | 73        | 71                  |  |                         | 119                           | 112                 | *   | *                                     |
| OREGON                     | 73        | 12                  |  |                         | 186                           | 163                 | *   | *                                     |
| OREGON                     | 73        | 25                  |  |                         | 79                            | 68                  | *   | *                                     |
| OREGON                     | 73        | 13                  |  |                         | 147                           | 142                 | *   | *                                     |
| OREGON                     | 73        | 36                  | 1                                      |                         | 110                           | 96                  | *   | *                                     |
| OREGON                     | 73        | 12                  |  |                         | 189                           | 126                 | *   | *                                     |
| OREGON                     | 73        | 27                  |  |                         | 90                            | 35                  | *   | *                                     |
| OREGON                     | 73        | 31                  |  |                         | 133                           | 121                 | *   | *                                     |
| OREGON                     | 73        | 15                  |  |                         | 36                            | 34                  | *   | *                                     |
| OREGON                     | 73        | 31                  |  |                         | 147                           | 115                 | *   | *                                     |
| OREGON                     | 73        | 15                  |  |                         | 46                            | 31                  | *   | *                                     |
| OREGON                     | 73        | 31                  |  |                         | 72                            | 72                  | *   | *                                     |
| OREGON                     | 73        | 14                  |  |                         | 89                            | 76                  | *   | *                                     |
| OREGON                     | 73        | 26                  |  |                         | 133                           | 114                 | *   | *                                     |
| OREGON                     | 73        | 13                  |  |                         | 63                            | 35                  | *   | *                                     |
| OREGON                     | 73        | 30                  |  |                         | 87                            | 71                  | *   | *                                     |
| OREGON                     | 73        | 11                  | 1                                      |                         | 152                           | 95                  | *   | *                                     |
| OREGON                     | 73        | 23                  |  |                         | 125                           | 112                 | *   | *                                     |
| OREGON                     | 73        | 15                  |  |                         | 89                            | 67                  | *   | *                                     |



Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION         | YEAR | NO. OF VALID VALUES | NO. OF VALUES EXC'D. G 24-HR STDS. | DAILY 24-HR STDS. PRI. | HIGHEST UG/CU.M. |     | RATIOS TO ANN. STDS. PRI. |      | A N N U A L MEAN UG/CU.M. |
|------------------------------------|------|---------------------|------------------------------------|------------------------|------------------|-----|---------------------------|------|---------------------------|
|                                    |      |                     |                                    |                        | 1ST              | 2ND | SEC.                      | PRI. |                           |
| 193. PORTLAND (OREGON) (continued) |      |                     |                                    |                        |                  |     |                           |      |                           |
| OREGON                             | 73   | 21                  |                                    |                        |                  | 111 | 99                        | *    | *                         |
| OREGON                             | 73   | 11                  |                                    |                        |                  | 114 | 109                       | *    | *                         |
| OREGON                             | 73   | 12                  | 1                                  |                        |                  | 174 | 54                        | *    | *                         |
| OREGON                             | 73   | 38                  |                                    |                        |                  | 124 | 86                        | *    | *                         |
| OREGON                             | 73   | 15                  |                                    |                        |                  | 134 | 98                        | *    | *                         |
| OREGON                             | 73   | 40                  | 4                                  |                        |                  | 251 | 170                       | *    | *                         |
| OREGON                             | 73   | 14                  | 1                                  |                        |                  | 210 | 116                       | *    | *                         |
| OREGON                             | 73   | 41                  | 3                                  |                        |                  | 165 | 157                       | *    | *                         |
| OREGON                             | 73   | 13                  |                                    |                        |                  | 82  | 80                        | *    | *                         |
| OREGON                             | 73   | 37                  | 2                                  |                        |                  | 244 | 176                       | *    | *                         |
| OREGON                             | 73   | 13                  |                                    |                        |                  | 112 | 60                        | *    | *                         |
| OREGON                             | 73   | 36                  |                                    |                        |                  | 108 | 106                       | *    | *                         |
| OREGON                             | 73   | 14                  |                                    |                        |                  | 144 | 102                       | *    | *                         |
| OREGON                             | 73   | 40                  | 1                                  |                        |                  | 163 | 125                       | *    | *                         |
| OREGON                             | 73   | 15                  | 1                                  |                        |                  | 180 | 63                        | *    | *                         |
| OREGON                             | 73   | 31                  |                                    |                        |                  | 139 | 102                       | *    | *                         |
| OREGON                             | 73   | 69                  |                                    |                        |                  | 88  | 82                        | *    | 30                        |
| OREGON                             | 73   | 15                  |                                    |                        |                  | 81  | 48                        | *    | *                         |
| OREGON                             | 73   | 25                  |                                    |                        |                  | 74  | 61                        | *    | *                         |
| OREGON                             | 73   | 15                  |                                    |                        |                  | 43  | 39                        | *    | *                         |
| OREGON                             | 73   | 30                  |                                    |                        |                  | 98  | 80                        | *    | *                         |
| OREGON                             | 73   | 11                  | 3                                  |                        |                  | 185 | 178                       | *    | *                         |
| OREGON                             | 73   | 30                  | 9                                  |                        |                  | 213 | 205                       | *    | *                         |
| OREGON                             | 73   | 12                  | 1                                  |                        |                  | 184 | 99                        | *    | *                         |
| OREGON                             | 73   | 77                  | 10                                 |                        |                  | 256 | 192                       | *    | *                         |
| OREGON                             | 73   | 14                  |                                    |                        |                  | 34  | 32                        | *    | *                         |
| OREGON                             | 73   | 28                  |                                    |                        |                  | 86  | 70                        | *    | *                         |
| WASHINGTON                         | 73   | 60                  |                                    |                        |                  | 122 | 111                       | *    | .60                       |
| WASHINGTON                         | 73   | 8                   |                                    |                        |                  | 49  | 45                        | *    | *                         |
| WASHINGTON                         | 73   | 60                  |                                    |                        |                  | 76  | 70                        | *    | .42                       |
| WASHINGTON                         | 73   | 60                  | 1                                  |                        |                  | 156 | 135                       | *    | 1.00                      |
| WASHINGTON                         | 73   | 59                  | 3                                  |                        |                  | 216 | 170                       | *    | 1.10                      |
| WASHINGTON                         | 73   | 61                  | 1                                  |                        |                  | 181 | 125                       | *    | .88                       |
| WASHINGTON                         | 73   | 60                  |                                    |                        |                  | 93  | 89                        | *    | .60                       |
| WASHINGTON                         | 73   | 60                  |                                    |                        |                  |     |                           | *    | .48                       |
| 194. SOUTHWEST OREGON              |      |                     |                                    |                        |                  |     |                           |      |                           |
| OREGON                             | 73   | 37                  |                                    | ** PRIORITY 2 **       |                  | 127 | 102                       | *    | *                         |
| OREGON                             | 73   | 41                  |                                    |                        |                  | 123 | 103                       | *    | *                         |
| OREGON                             | 73   | 19                  |                                    |                        |                  | 143 | 139                       | *    | *                         |
| OREGON                             | 73   | 33                  |                                    |                        |                  | 140 | 139                       | *    | *                         |
| OREGON                             | 73   | 41                  | 1                                  |                        |                  | 152 | 145                       | *    | *                         |
| OREGON                             | 73   | 43                  | 1                                  |                        |                  | 154 | 109                       | *    | *                         |
| 195. CENTRAL PENNSYLVANIA          |      |                     |                                    |                        |                  |     |                           |      |                           |
| PENNSYLVANIA                       | 73   | 27                  | 6                                  | ** PRIORITY 1 **       |                  | 240 | 196                       | *    | 1.78                      |
| PENNSYLVANIA                       | 73   | 27                  | 6                                  |                        |                  |     |                           | *    | 1.42                      |
| PENNSYLVANIA                       | 73   | 27                  | 6                                  |                        |                  |     |                           | *    | 1.07                      |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CENTRAL REGION | 196 CENTRAL PENNSYLVANIA (CONTINUED) | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEEDING 24-HR STD. | HIGHEST 24-HR VALUE UG/CU.M. | RATIOS TO ANNUAL MEAN |      |                    |                     |
|----------------------------|--------------------------------------|------|---------------------|--|------------------------------|-----------------------|------|--------------------|---------------------|
|                            |                                      |      |                     |  |                              | 1ST                   | 2ND  | SEC. PRI. UG/CU.M. |                     |
| PENNSYLVANIA               | 39 0780002 A01 BETHLEHEM             | 73   | 26                  | 1  | 297                          | 140                   | 1.28 | 1.02               | 77                  |
| PENNSYLVANIA               | 39 2220806 F01 CALE                  | 73   | 16                  | 1  | 183                          | 146                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 2620804 F01 EAST CONEMAUGH        | 73   | 16                  | 9  | 411                          | 322                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 4460802 F02 JOHNSTOWN             | 73   | 14                  | 1  | 206                          | 144                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 4460803 F01 JOHNSTOWN             | 73   | 15                  | 2  | 206                          | 183                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 4460805 F01 JOHNSTOWN             | 73   | 15                  |  | 108                          | 106                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 9320801 F03 WESTMONT              | 73   | 16                  |  | 57                           | 52                    | *    | *                  | *                   |
|                            | 196 SOUTH CENTRAL PENNSYLVANIA       |      |                     | ** PRIORITY 1 **                         |                              |                       |      |                    | AS OF JUNE 07, 1974 |
| PENNSYLVANIA               | 39 2180307 F03 CUMBERLAND COUNTY     | 73   | 16                  | 1  | 172                          | 108                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 2340302 F01 DAUPHIN COUNTY        | 73   | 16                  | 1  | 119                          | 92                    | *    | *                  | *                   |
| PENNSYLVANIA               | 39 2340305 F01 DAUPHIN COUNTY        | 73   | 15                  | 1  | 154                          | 102                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 3880001 A01 HARRISBURG            | 73   | 23                  |  | 143                          | 121                   | 1.11 | .89                | 67                  |
| PENNSYLVANIA               | 39 3880306 F01 HARRISBURG            | 73   | 16                  | 1  | 159                          | 126                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 4660001 A01 LANCASTER             | 73   | 14                  | 1  | 117                          | 112                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 4660312 F01 LANCASTER             | 73   | 16                  | 1  | 165                          | 128                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 4660314 F02 LANCASTER             | 73   | 14                  | 2  | 166                          | 152                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 4660315 F01 LANCASTER             | 73   | 14                  | 2  | 172                          | 162                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 4700311 F01 LANCASTER COUNTY      | 73   | 15                  | 1  | 171                          | 111                   | *    | *                  | *                   |
| PENNSYLVANIA               | 35 4700313 F01 LANCASTER COUNTY      | 73   | 16                  | 1  | 366                          | 142                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 4700316 F01 LANCASTER COUNTY      | 73   | 16                  | 1  | 114                          | 110                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 4700317 F01 LANCASTER COUNTY      | 73   | 15                  | 1  | 173                          | 110                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 4580304 F01 LEMOYNE               | 73   | 16                  | 2  | 141                          | 102                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 5700301 F02 MIDDLETOWN            | 73   | 16                  | 2  | 224                          | 160                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 8640303 F02 STEELTON              | 73   | 16                  | 5  | 233                          | 188                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 5400321 F01 WEST YORK             | 73   | 15                  | 4  | 204                          | 194                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 9400325 F02 WEST YORK             | 73   | 15                  | 6  | 312                          | 243                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 5560001 A01 YORK                  | 73   | 24                  | 3  | 284                          | 200                   | 1.46 | 1.17               | 88                  |
| PENNSYLVANIA               | 39 5570323 F01 YORK COUNTY           | 73   | 15                  | 1  | 154                          | 118                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 9570324 F03 YORK COUNTY           | 73   | 15                  | 1  | 99                           | 87                    | *    | *                  | *                   |
| PENNSYLVANIA               | 39 5570326 F01 YORK COUNTY           | 73   | 13                  | 1  | 169                          | 99                    | *    | *                  | *                   |
|                            | 197 SOUTHWEST PENNSYLVANIA           |      |                     | ** PRIORITY 1 **                         |                              |                       |      |                    | AS OF JUNE 07, 1974 |
| PENNSYLVANIA               | 39 0100064 G01 ALLEGHENY COUNTY      | 73   | 125                 | 37                                       | 452                          | 393                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 0100065 G01 ALLEGHENY COUNTY      | 73   | 47                  | 1  | 161                          | 126                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 0100066 G01 ALLEGHENY COUNTY      | 73   | 83                  | 10                                       | 275                          | 217                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 0100067 G01 ALLEGHENY COUNTY      | 73   | 42                  | 1  | 161                          | 130                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 0100068 G01 ALLEGHENY COUNTY      | 73   | 47                  | 1  | 204                          | 149                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 0100084 G01 ALLEGHENY COUNTY      | 73   | 29                  | 11                                       | 353                          | 318                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 0180507 F01 AFBIDGE               | 73   | 16                  | 1  | 175                          | 140                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 0440508 F01 BADEN                 | 73   | 14                  | 11                                       | 211                          | 204                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 0560503 F01 BEAVER COUNTY         | 73   | 15                  | 2  | 167                          | 166                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 0560505 F01 BEAVER COUNTY         | 73   | 16                  | 4  | 216                          | 198                   | *    | *                  | *                   |
| PENNSYLVANIA               | 39 0560510 F03 BEAVER COUNTY         | 73   | 16                  | 3  | 229                          | 199                   | *    | *                  | *                   |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION             | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC. | HIGHEST 24-HR VALUES UG/CU.M. 1ST 2ND | ANNUAL PATIOS TO GEOM. MEAN. UG/CU.M. |                 |
|--|------|---------------------|--|---------------------------------------|---------------------------------------|-----------------|
|  |      |                     |  |                                       | ANN. STDS. SEC.                       | ANN. STDS. SEC. |
| 197 SOUTHWEST PENNSYLVANIA (CONTINUED) |      |                     |  |                                       |                                       |                 |
| PENNSYLVANIA                           | 73   | 46                  | 5  | 240                                   | 201                                   | *               |
| PENNSYLVANIA                           | 73   | 39                  | 21   | 604                                   | 443                                   | *               |
| PENNSYLVANIA                           | 73   | 35                  | 18   | 458                                   | 421                                   | *               |
| PENNSYLVANIA                           | 73   | 41                  | 16   | 486                                   | 339                                   | *               |
| PENNSYLVANIA                           | 73   | 15                  | 5  | 256                                   | 190                                   | *               |
| PENNSYLVANIA                           | 73   | 46                  | 2  | 325                                   | 154                                   | *               |
| PENNSYLVANIA                           | 73   | 16                  | 15   | 621                                   | 427                                   | *               |
| PENNSYLVANIA                           | 73   | 16                  | 2  | 336                                   | 172                                   | *               |
| PENNSYLVANIA                           | 73   | 28                  | 5  | 207                                   | 181                                   | 1.68            |
| PENNSYLVANIA                           | 73   | 183                 | 22   | 331                                   | 292                                   | *               |
| PENNSYLVANIA                           | 73   | 46                  | 5  | 207                                   | 202                                   | *               |
| PENNSYLVANIA                           | 73   | 14                  | 12   | 249                                   | 210                                   | *               |
| PENNSYLVANIA                           | 73   | 14                  | 6  | 305                                   | 219                                   | *               |
| PENNSYLVANIA                           | 73   | 16                  | 4  | 224                                   | 186                                   | *               |
| PENNSYLVANIA                           | 73   | 45                  | 4  | 341                                   | 217                                   | *               |
| PENNSYLVANIA                           | 73   | 46                  | 4  | 138                                   | 135                                   | *               |
| PENNSYLVANIA                           | 73   | 16                  | 3  | 318                                   | 248                                   | *               |
| PENNSYLVANIA                           | 73   | 16                  | 1  | 102                                   | 102                                   | *               |
| PENNSYLVANIA                           | 73   | 16                  | 1  | 121                                   | 107                                   | *               |
| PENNSYLVANIA                           | 73   | 16                  | 1  | 136                                   | 133                                   | *               |
| PENNSYLVANIA                           | 73   | 43                  | 7  | 395                                   | 286                                   | *               |
| PENNSYLVANIA                           | 73   | 16                  | 1  | 112                                   | 89                                    | *               |
| 198 CAMDEN-SUMPTER (S.C.)              |      |                     |  |                                       |                                       |                 |
| SOUTH CAROLINA                         | 73   | 53                  | 1  | 181                                   | 137                                   | 1.01            |
| SOUTH CAROLINA                         | 73   | 60                  | 1  | 138                                   | 117                                   | .86             |
| SOUTH CAROLINA                         | 73   | 59                  | 1  | 210                                   | 136                                   | .69             |
| SOUTH CAROLINA                         | 73   | 48                  | 1  | 332                                   | 131                                   | .86             |
| 199 CHARLESTON (S.C.)                  |      |                     |  |                                       |                                       |                 |
| SOUTH CAROLINA                         | 73   | 40                  | 1  | 172                                   | 111                                   | *               |
| SOUTH CAROLINA                         | 73   | 57                  | 30   | 87                                    | 80                                    | .55             |
| SOUTH CAROLINA                         | 73   | 75                  | 11   | 986                                   | 486                                   | 2.21            |
| SOUTH CAROLINA                         | 73   | 57                  | 2  | 515                                   | 394                                   | 1.51            |
| SOUTH CAROLINA                         | 73   | 27                  | 2  | 221                                   | 186                                   | *               |
| SOUTH CAROLINA                         | 73   | 27                  | 1  | 151                                   | 60                                    | *               |
| SOUTH CAROLINA                         | 73   | 30                  | 1  | 203                                   | 142                                   | *               |
| SOUTH CAROLINA                         | 73   | 59                  | 1  | 133                                   | 130                                   | .70             |
| SOUTH CAROLINA                         | 73   | 24                  | 1  | 179                                   | 83                                    | .56             |
| 200 COLUMBIA (S.C.)                    |      |                     |  |                                       |                                       |                 |
| SOUTH CAROLINA                         | 73   | 26                  | 1  | 163                                   | 127                                   | 1.26            |
| AS OF JUNE 07, 1974                    |      |                     |  |                                       |                                       |                 |
| AS OF JUNE 07, 1974                    |      |                     |  |                                       |                                       |                 |
| AS OF JUNE 07, 1974                    |      |                     |  |                                       |                                       |                 |
| AS OF JUNE 07, 1974                    |      |                     |  |                                       |                                       |                 |

**Table A-1 (continued). SUSPENDED PARTICULATE DATA**  
 METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION               | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STCS. PRI. | HIGHEST 24-HR VALUES UG/CU.M. | RATIOS TO ANN. STCS. SEC. |      | A M N J A L |
|--|------|---------------------|--|-------------------------------|---------------------------|------|-------------|
|  |      |                     |  |                               | 1ST                       | 2ND  |             |
| <b>200 COLUMBIA (S.C.) (CONTINUED)</b>   |      |                     |  |                               |                           |      |             |
| SOUTH CAROLINA                           | 73   | 10                  |  | 83                            | 72                        | *    | *           |
| SOUTH CAROLINA                           | 73   | 61                  | 1  | 650                           | 134                       | .96  | .77         |
| SOUTH CAROLINA                           | 73   | 49                  | 3  | 300                           | 163                       | 1.01 | .81         |
| SOUTH CAROLINA                           | 73   | 48                  | 1  | 157                           | 100                       | .60  | .48         |
| SOUTH CAROLINA                           | 73   | 60                  | 2  | 263                           | 170                       | .98  | .78         |
| SOUTH CAROLINA                           | 73   | 44                  |  | 108                           | 83                        | *    | *           |
| SOUTH CAROLINA                           | 73   | 60                  |  | 80                            | 79                        | .66  | .53         |
| SOUTH CAROLINA                           | 73   | 30                  |  | 67                            | 60                        | .60  | .48         |
| SOUTH CAROLINA                           | 73   | 43                  |  | 92                            | 88                        | *    | *           |
| SOUTH CAROLINA                           | 73   | 12                  |  | 62                            | 53                        | *    | *           |
| SOUTH CAROLINA                           | 73   | 62                  | 1  | 153                           | 137                       | 1.03 | .82         |
| SOUTH CAROLINA                           | 73   | 60                  |  | 137                           | 129                       | 1.03 | .82         |
| *** PRIORITY 3 ***                       |      |                     |  |                               |                           |      |             |
| AS OF JUNE 07, 1974                      |      |                     |  |                               |                           |      |             |
| SOUTH CAROLINA                           | 73   | 52                  | 4  | 183                           | 182                       | 1.18 | .94         |
| SOUTH CAROLINA                           | 73   | 60                  | 7  | 239                           | 237                       | 1.26 | 1.01        |
| SOUTH CAROLINA                           | 73   | 60                  | 1  | 212                           | 143                       | 1.03 | .82         |
| *** PRIORITY 1 ***                       |      |                     |  |                               |                           |      |             |
| AS OF JUNE 07, 1974                      |      |                     |  |                               |                           |      |             |
| SOUTH CAROLINA                           | 73   | 59                  | 3  | 335                           | 268                       | .96  | .77         |
| SOUTH CAROLINA                           | 73   | 39                  | 15   | 575                           | 522                       | *    | *           |
| SOUTH CAROLINA                           | 73   | 16                  |  | 57                            | 56                        | *    | *           |
| SOUTH CAROLINA                           | 73   | 59                  | 1  | 165                           | 140                       | .81  | .65         |
| SOUTH CAROLINA                           | 73   | 30                  | 2  | 312                           | 162                       | 1.33 | 1.06        |
| SOUTH CAROLINA                           | 73   | 51                  | 1  | 203                           | 135                       | *    | *           |
| SOUTH CAROLINA                           | 73   | 61                  |  | 147                           | 133                       | 1.16 | .93         |
| SOUTH CAROLINA                           | 73   | 61                  |  | 83                            | 76                        | .75  | .60         |
| SOUTH CAROLINA                           | 73   | 61                  |  | 83                            | 75                        | .70  | .56         |
| SOUTH CAROLINA                           | 73   | 61                  |  | 107                           | 102                       | .96  | .77         |
| SOUTH CAROLINA                           | 73   | 40                  |  | 90                            | 61                        | *    | *           |
| SOUTH CAROLINA                           | 73   | 16                  |  | 90                            | 34                        | *    | *           |
| SOUTH CAROLINA                           | 73   | 31                  |  | 110                           | 100                       | *    | *           |
| SOUTH CAROLINA                           | 73   | 56                  | 2  | 190                           | 181                       | .95  | .76         |
| SOUTH CAROLINA                           | 73   | 59                  | 1  | 310                           | 102                       | .78  | .62         |
| SOUTH CAROLINA                           | 73   | 50                  |  | 82                            | 74                        | .76  | .61         |
| SOUTH CAROLINA                           | 73   | 58                  |  | 128                           | 126                       | 1.05 | .84         |
| SOUTH CAROLINA                           | 73   | 41                  | 3  | 117                           | 109                       | *    | *           |
| SOUTH CAROLINA                           | 73   | 40                  |  | 176                           | 160                       | *    | *           |
| SOUTH CAROLINA                           | 73   | 28                  |  | 85                            | 76                        | *    | *           |
| SOUTH CAROLINA                           | 73   | 39                  |  | 126                           | 124                       | *    | *           |
| SOUTH CAROLINA                           | 73   | 24                  |  | 76                            | 63                        | *    | *           |
| SOUTH CAROLINA                           | 73   | 16                  |  | 49                            | 42                        | *    | *           |
| SOUTH CAROLINA                           | 73   | 9                   |  | 98                            | 84                        | *    | *           |
| <b>201 FLORENCE (S.C.)</b>               |      |                     |  |                               |                           |      |             |
| SOUTH CAROLINA                           | 42   | 0800001             | F01  | DARLINGTON                    |                           |      |             |
| SOUTH CAROLINA                           | 42   | 0860001             | F01  | DILLON                        |                           |      |             |
| SOUTH CAROLINA                           | 42   | 1020001             | F01  | FLORENCE                      |                           |      |             |
| <b>202 GREENVILLE-SPARTANBURG (S.C.)</b> |      |                     |  |                               |                           |      |             |
| SOUTH CAROLINA                           | 42   | 0180001             | F01  | ANDERSON COUNTY               |                           |      |             |
| SOUTH CAROLINA                           | 42   | 0200001             | F03  | ANDERSON COUNTY               |                           |      |             |
| SOUTH CAROLINA                           | 42   | 1100001             | F01  | GAFFNEY                       |                           |      |             |
| SOUTH CAROLINA                           | 42   | 1180001             | A01  | GREENVILLE                    |                           |      |             |
| SOUTH CAROLINA                           | 42   | 1180001             | G01  | GREENVILLE                    |                           |      |             |
| SOUTH CAROLINA                           | 42   | 1180002             | G01  | GREENVILLE                    |                           |      |             |
| SOUTH CAROLINA                           | 42   | 1180003             | G01  | GREENVILLE                    |                           |      |             |
| SOUTH CAROLINA                           | 42   | 1200001             | G01  | GREENVILLE COUNTY             |                           |      |             |
| SOUTH CAROLINA                           | 42   | 1200002             | G01  | GREENVILLE COUNTY             |                           |      |             |
| SOUTH CAROLINA                           | 42   | 1200003             | G01  | GREENVILLE COUNTY             |                           |      |             |
| SOUTH CAROLINA                           | 42   | 1200003             | G03  | GREENVILLE COUNTY             |                           |      |             |
| SOUTH CAROLINA                           | 42   | 1200006             | G01  | GREENVILLE COUNTY             |                           |      |             |
| SOUTH CAROLINA                           | 42   | 1260001             | G01  | GREENER                       |                           |      |             |
| SOUTH CAROLINA                           | 42   | 1875001             | F01  | PICKENS                       |                           |      |             |
| SOUTH CAROLINA                           | 42   | 2010001             | G01  | SIMPSONVILLE                  |                           |      |             |
| SOUTH CAROLINA                           | 42   | 2040001             | G01  | SPARTANBURG                   |                           |      |             |
| SOUTH CAROLINA                           | 42   | 2040003             | G01  | SPARTANBURG                   |                           |      |             |
| SOUTH CAROLINA                           | 42   | 2040004             | G01  | SPARTANBURG                   |                           |      |             |
| SOUTH CAROLINA                           | 42   | 2040006             | G01  | SPARTANBURG                   |                           |      |             |
| SOUTH CAROLINA                           | 42   | 2060001             | G01  | SPARTANBURG COUNTY            |                           |      |             |
| SOUTH CAROLINA                           | 42   | 2060002             | G01  | SPARTANBURG COUNTY            |                           |      |             |
| SOUTH CAROLINA                           | 42   | 2060002             | G03  | SPARTANBURG COUNTY            |                           |      |             |
| SOUTH CAROLINA                           | 42   | 2060003             | G01  | SPARTANBURG COUNTY            |                           |      |             |

**Table A-1 (continued). SUSPENDED PARTICULATE DATA**

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                   | 202 GREENVILLE-SPARTANBURG (S.C.) (CONTINUED) | YEAR | NO. OF VALID VALUES | NC. OF DAILY VALUES EXCEED'G 24-HR STDS. SEC. | HIGHEST VALUE | RATIOS TO        |                 | ANNUAL MEAN |
|--|---|------|---------------------|---|---------------|------------------|-----------------|-------------|
|  |   |      |                     |   |               | 24-HR STDS. SEC. | AMR. STDS. SEC. |             |
| SOUTH CAROLINA                               | 42 266004 G01 SPARTANBURG COUNTY              | 73   | 30                  |   | 105           | 99               | *               | *           |
|  | 42 240001 G01 WOODRUFF                        | 73   | 26                  |   | 93            | 93               | *               | *           |
| SOUTH CAROLINA (S.C.)                        |   |      | ** PRIORITY 3       | **  |               |                  |                 |             |
|  | 42 122001 F01 GREENWOOD                       | 73   | 46                  |   | 86            | 80               | *               | *           |
| SOUTH CAROLINA                               | 42 150001 F01 LAURENS                         | 73   | 62                  |   | 145           | 120              | -.85            | -.68        |
|  |   |      | ** PRIORITY 2       | **  |               |                  |                 |             |
| SOUTH CAROLINA (S.C.)                        |   |      |                     |   |               |                  |                 |             |
|  | 42 178006 F01 CUMMINGS                        | 73   | 59                  |   | 143           | 142              | -.70            | -.56        |
| SOUTH CAROLINA                               | 42 112001 F01 GEORGETOWN                      | 73   | 55                  | 5   | 217           | 182              | 1.26            | 1.01        |
|  | 42 112002 F01 GEORGETOWN                      | 73   | 53                  | 12  | 287           | 259              | 1.51            | 1.21        |
| SOUTH CAROLINA                               | 42 112006 F01 GEORGETOWN                      | 73   | 7                   | 1   | 256           | 113              | *               | *           |
|  |   |      | ** PRIORITY 3       | **  |               |                  |                 |             |
| SOUTH DAKOTA (REMAINDER)                     |   |      |                     |   |               |                  |                 |             |
|  | 43 111001 A03 BLACK HILLS NAT FOREST          | 73   | 30                  |   | 67            | 60               | .26             | .21         |
| SOUTH DAKOTA                                 | 43 138001 F01 RAPID CITY                      | 73   | 55                  | 20  | 542           | 376              | 2.15            | 1.72        |
|  | 43 138002 F01 RAPID CITY                      | 73   | 53                  | 2   | 247           | 169              | 1.06            | .85         |
| SOUTH DAKOTA (REMAINDER)                     |   |      | ** PRIORITY 3       | **  |               |                  |                 |             |
|  | 43 022001 F01 ABERDEEN                        | 73   | 29                  |   | 145           | 125              | *               | *           |
| SOUTH DAKOTA                                 | 43 134001 F01 PIERRE                          | 73   | 58                  | 2   | 155           | 153              | .93             | .74         |
|  |   |      | ** PRIORITY 1       | **  |               |                  |                 |             |
| TENNESSEE--SOUTHWESTERN VIRGINIA (TENN.-VA.) |   |      |                     |   |               |                  |                 |             |
|  | 44 002001 F01 ALBUA                           | 73   | 28                  |   | 139           | 121              | *               | *           |
| TENNESSEE                                    | 44 006001 F01 ATHENS                          | 73   | 28                  |   | 110           | 102              | *               | *           |
|  | 44 024002 F01 BRISTOL                         | 73   | 30                  | 1   | 216           | 131              | *               | *           |
| TENNESSEE                                    | 44 024003 F01 BRISTOL                         | 73   | 28                  |   | 143           | 129              | *               | *           |
|  | 44 050001 F01 CLEVELAND                       | 73   | 28                  |   | 106           | 103              | *               | *           |
| TENNESSEE                                    | 44 050002 F01 CLEVELAND                       | 73   | 31                  | 1   | 179           | 133              | *               | *           |
|  | 44 052002 F01 CLINTON                         | 73   | 29                  | 1   | 156           | 142              | *               | *           |
| TENNESSEE                                    | 44 052001 F01 ELIZABETHTON                    | 73   | 28                  |   | 98            | 96               | *               | *           |
|  | 44 122001 F01 GREENEVILLE                     | 73   | 27                  |   | 115           | 108              | *               | *           |
| TENNESSEE                                    | 44 122002 F01 GREENEVILLE                     | 73   | 25                  |   | 144           | 115              | *               | *           |
|  | 44 136002 F01 HARRIMAN                        | 73   | 26                  |   | 128           | 113              | *               | *           |
| TENNESSEE                                    | 44 168001 F01 JOHNSON CITY                    | 73   | 31                  |   | 116           | 107              | *               | *           |
|  | 44 168002 F01 JOHNSON CITY                    | 73   | 23                  |   | 140           | 127              | *               | *           |
| TENNESSEE                                    | 44 170001 F01 KINGSPORT                       | 73   | 21                  | 1   | 168           | 134              | *               | *           |
|  | 44 170002 F01 KINGSPORT                       | 73   | 21                  | 10  | 529           | 433              | *               | *           |
| TENNESSEE                                    | 44 172001 G01 KNOX COUNTY                     | 73   | 19                  |   | 88            | 87               | *               | *           |
|  | 44 1720013 G01 KNOX COUNTY                    | 73   | 19                  |   | 62            | 61               | *               | *           |

**Table A-1 (continued). SUSPENDED PARTICULATE DATA**

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION   | YEAR | 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. |     | RATIOS TO ANN. STDS SEC. PPI. UG/CU.M. |     | A N N U A L MEAN |
|--|------|---------------------|--|--|-------------------------------|-----|--|-----|------------------|
|  |      |                     |  |  | 1ST                           | 2ND | 1ST                                    | 2ND |                  |
| <b>207 EASTERN TENNESSEE-SOUTHWESTERN VIRGINIA (TENN.-VA.) (CONTINUED)</b> |      |                     |  |  |                               |     |  |     |                  |
| TENNESSEE  | 73   | 19                  |  |  | 121                           | 119 | *                                      | *   | *                |
| TENNESSEE  | 73   | 20                  |  |  | 109                           | 104 | *                                      | *   | *                |
| TENNESSEE  | 73   | 18                  |  |  | 95                            | 89  | *                                      | *   | *                |
| TENNESSEE  | 73   | 20                  |  |  | 122                           | 92  | *                                      | *   | *                |
| TENNESSEE  | 73   | 20                  |  |  | 132                           | 123 | *                                      | *   | *                |
| TENNESSEE  | 73   | 22                  | 1  |  | 203                           | 98  | *                                      | *   | *                |
| TENNESSEE  | 73   | 22                  |  |  | 90                            | 89  | *                                      | *   | *                |
| TENNESSEE  | 73   | 30                  | 7  | 2  | 361                           | 280 | *                                      | *   | *                |
| TENNESSEE  | 73   | 29                  |  |  | 132                           | 122 | *                                      | *   | *                |
| TENNESSEE  | 73   | 23                  |  |  | 86                            | 77  | *                                      | *   | *                |
| TENNESSEE  | 73   | 10                  |  |  | 78                            | 71  | *                                      | *   | *                |
| TENNESSEE  | 73   | 30                  | 7  |  | 254                           | 232 | *                                      | *   | *                |
| VIRGINIA   | 73   | 46                  |  |  | 105                           | 91  | *                                      | *   | *                |
| VIRGINIA   | 73   | 46                  | 4  | 1  | 278                           | 191 | *                                      | *   | *                |
| VIRGINIA   | 73   | 45                  | 8  | 1  | 261                           | 244 | *                                      | *   | *                |
| VIRGINIA   | 73   | 46                  |  |  | 114                           | 111 | *                                      | *   | *                |
| VIRGINIA   | 73   | 39                  |  |  | 82                            | 74  | *                                      | *   | *                |
| VIRGINIA   | 73   | 40                  | 2  |  | 168                           | 166 | *                                      | *   | *                |
| VIRGINIA   | 73   | 46                  | 7  |  | 258                           | 199 | *                                      | *   | *                |
| VIRGINIA   | 73   | 46                  |  |  | 92                            | 86  | *                                      | *   | *                |
| VIRGINIA   | 73   | 41                  |  |  | 120                           | 116 | *                                      | *   | *                |
| VIRGINIA   | 73   | 38                  | 2  |  | 186                           | 162 | *                                      | *   | *                |
| VIRGINIA   | 73   | 26                  |  |  | 54                            | 52  | -46                                    | -37 | 28               |
| VIRGINIA   | 73   | 16                  |  |  | 53                            | 47  | *                                      | *   | *                |
| <b>208 MIDDLE TENNESSEE</b>  |      |                     |  |  |                               |     |  |     |                  |
| TENNESSEE  | 73   | 29                  | **   |  | 69                            | 66  | *                                      | *   | *                |
| TENNESSEE  | 73   | 29                  |  |  | 102                           | 94  | *                                      | *   | *                |
| TENNESSEE  | 73   | 28                  |  |  | 87                            | 85  | *                                      | *   | *                |
| TENNESSEE  | 73   | 29                  |  |  | 134                           | 128 | *                                      | *   | *                |
| TENNESSEE  | 73   | 27                  |  |  | 95                            | 92  | *                                      | *   | *                |
| TENNESSEE  | 73   | 26                  |  |  | 132                           | 129 | *                                      | *   | *                |
| TENNESSEE  | 73   | 27                  |  |  | 98                            | 79  | *                                      | *   | *                |
| TENNESSEE  | 73   | 12                  |  |  | 148                           | 88  | *                                      | *   | *                |
| TENNESSEE  | 73   | 22                  |  |  | 84                            | 75  | *                                      | *   | *                |
| TENNESSEE  | 73   | 30                  |  |  | 96                            | 79  | *                                      | *   | *                |
| TENNESSEE  | 73   | 25                  |  |  | 136                           | 119 | *                                      | *   | *                |
| TENNESSEE  | 73   | 28                  | 3  |  | 219                           | 187 | 1.16                                   | .93 | 70               |
| TENNESSEE  | 73   | 14                  | 5  |  | 190                           | 170 | *                                      | *   | *                |
| TENNESSEE  | 73   | 7                   |  |  | 89                            | 83  | *                                      | *   | *                |
| TENNESSEE  | 73   | 13                  | 5  |  | 194                           | 162 | *                                      | *   | *                |
| TENNESSEE  | 73   | 15                  | 2  |  | 160                           | 158 | *                                      | *   | *                |
| TENNESSEE  | 73   | 15                  | 4  |  | 248                           | 192 | *                                      | *   | *                |
| TENNESSEE  | 73   | 14                  | 8  |  | 245                           | 231 | *                                      | *   | *                |

**Table A-1 (continued). SUSPENDED PARTICULATE DATA**

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION              | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES | EXC'D. STDS. SEC. | 24-HR STDS. PRI. | HIGHEST 24-HR VALUES UG/CU.M. |     | RATIOS TO ANN. STDS. MEAN |      |
|---|------|---------------------|---------------------|-------------------|------------------|-------------------------------|-----|---------------------------|------|
|   |      |                     |                     |                   |                  | 1ST                           | 2ND | 1ST                       | 2ND  |
| <b>208 MIDDLE TENNESSEE (CONTINUED)</b> |      |                     |                     |                   |                  |                               |     |                           |      |
| TENNESSEE                               | 73   | 14                  | 1                   |                   |                  | 158                           | 109 | *                         | *    |
| TENNESSEE                               | 73   | 15                  |                     |                   |                  | 113                           | 100 | *                         | *    |
| TENNESSEE                               | 73   | 14                  |                     |                   |                  | 136                           | 107 | *                         | *    |
| TENNESSEE                               | 73   | 13                  | 2                   |                   |                  | 229                           | 226 | *                         | *    |
| TENNESSEE                               | 73   | 13                  | 10                  |                   | 3                | 288                           | 273 | *                         | *    |
| TENNESSEE                               | 73   | 15                  |                     |                   |                  | 126                           | 121 | *                         | *    |
| TENNESSEE                               | 73   | 14                  |                     |                   |                  | 141                           | 127 | *                         | *    |
| TENNESSEE                               | 73   | 5                   | 4                   |                   | 2                | 300                           | 288 | *                         | *    |
| TENNESSEE                               | 73   | 12                  |                     |                   |                  | 108                           | 86  | *                         | *    |
| TENNESSEE                               | 73   | 15                  | 1                   |                   |                  | 212                           | 105 | *                         | *    |
| TENNESSEE                               | 73   | 13                  |                     |                   |                  | 102                           | 90  | *                         | *    |
| TENNESSEE                               | 73   | 30                  |                     |                   |                  | 100                           | 96  | *                         | *    |
| TENNESSEE                               | 73   | 29                  |                     |                   |                  | 114                           | 88  | *                         | *    |
| <b>209 WESTERN TENNESSEE</b>            |      |                     |                     |                   |                  |                               |     |                           |      |
| TENNESSEE                               | 73   | 11                  | ** PRIORITY 1       | **                |                  | 75                            | 71  | *                         | *    |
| TENNESSEE                               | 73   | 27                  |                     |                   | 3                | 194                           | 164 | *                         | *    |
| TENNESSEE                               | 73   | 15                  |                     |                   |                  | 80                            | 72  | *                         | *    |
| TENNESSEE                               | 73   | 15                  |                     |                   |                  | 86                            | 79  | *                         | *    |
| TENNESSEE                               | 73   | 30                  |                     |                   |                  | 89                            | 89  | *                         | *    |
| TENNESSEE                               | 73   | 23                  |                     |                   |                  | 134                           | 120 | *                         | *    |
| TENNESSEE                               | 73   | 13                  |                     |                   |                  | 108                           | 68  | *                         | *    |
| TENNESSEE                               | 73   | 15                  |                     |                   |                  | 85                            | 83  | *                         | *    |
| TENNESSEE                               | 73   | 21                  |                     |                   |                  | 143                           | 138 | *                         | *    |
| <b>210 ABILENE-WICHITA FALLS (TEX)</b>  |      |                     |                     |                   |                  |                               |     |                           |      |
| TEXAS                                   | 73   | 39                  | ** PRIORITY 2       | **                |                  | 158                           | 128 | *                         | *    |
| TEXAS                                   | 73   | 55                  |                     |                   | 1                | 285                           | 200 | 1.63                      | 1.30 |
| TEXAS                                   | 73   | 54                  |                     |                   | 2                | 187                           | 181 | 1.20                      | .96  |
| <b>211 AMARILLO-LUBBOCK (TEX)</b>       |      |                     |                     |                   |                  |                               |     |                           |      |
| TEXAS                                   | 73   | 20                  | ** PRIORITY 2       | **                |                  | 157                           | 151 | *                         | *    |
| TEXAS                                   | 73   | 50                  |                     |                   | 2                | 339                           | 165 | 1.33                      | 1.06 |
| TEXAS                                   | 73   | 18                  |                     |                   | 1                | 349                           | 229 | *                         | *    |
| TEXAS                                   | 73   | 17                  |                     |                   | 2                | 250                           | 153 | *                         | *    |
| TEXAS                                   | 73   | 18                  |                     |                   |                  | 129                           | 122 | *                         | *    |
| TEXAS                                   | 73   | 17                  |                     |                   | 2                | 305                           | 289 | *                         | *    |
| TEXAS                                   | 73   | 17                  |                     |                   | 3                | 261                           | 170 | *                         | *    |
| TEXAS                                   | 73   | 18                  |                     |                   | 2                | 226                           | 160 | *                         | *    |
| TEXAS                                   | 73   | 17                  |                     |                   | 2                | 177                           | 157 | *                         | *    |
| TEXAS                                   | 73   | 18                  |                     |                   |                  | 149                           | 124 | *                         | *    |
| TEXAS                                   | 73   | 18                  |                     |                   | 2                | 180                           | 174 | *                         | *    |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME; FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                    | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST UG/CU.M. | RATIOS TO ANN. STDS. |          | A N N U A L R A T I O S T O A N N . S T D S . |
|---|------|---------------------|--|------------------|----------------------|----------|---|
|   |      |                     |  |                  | 1ST SEC.             | 2ND SEC. |   |
| <b>211 AMARILLO-LUBBOCK (TEX) (CONTINUED)</b> |      |                     |  |                  |                      |          |   |
| TEXAS   | 73   | 18                  | 5                                      | 301              | 243                  | *        | *   |
| TEXAS   | 73   | 18                  | 1                                      | 182              | 131                  | *        | *   |
| TEXAS   | 73   | 13                  |  | 126              | 111                  | *        | *   |
| TEXAS   | 73   | 14                  | 1                                      | 165              | 132                  | *        | *   |
| TEXAS   | 73   | 17                  | 1                                      | 223              | 139                  | *        | *   |
| TEXAS   | 73   | 46                  |  | 85               |                      | -40      | -32   |
| TEXAS   | 73   | 16                  | 5                                      | 197              | 195                  | *        | *   |
| <b>212 AUSTIN-WACO (TEX)</b>                  |      |                     |  |                  |                      |          |   |
| TEXAS   | 73   | 32                  | 1                                      | 314              | 111                  | *        | *   |
| TEXAS   | 73   | 52                  | 4                                      | 297              | 166                  | 1.31     | 1.05  |
| TEXAS   | 73   | 46                  | 2                                      | 159              | 158                  | .83      | .66   |
| TEXAS   | 73   | 55                  | 1                                      | 295              | 118                  | 1.01     | .81   |
| TEXAS   | 73   | 49                  | 5                                      | 386              | 175                  | 1.45     | 1.16  |
| TEXAS   | 73   | 56                  | 1                                      | 219              | 79                   | .66      | .53   |
| TEXAS   | 73   | 13                  |  | 115              | 98                   | *        | *   |
| TEXAS   | 73   | 38                  |  | 134              | 129                  | *        | *   |
| TEXAS   | 73   | 57                  | 1                                      | 224              | 107                  | .78      | .62   |
| TEXAS   | 73   | 36                  |  | 142              | 88                   | .91      | .73   |
| TEXAS   | 73   | 10                  |  | 90               | 72                   | *        | *   |
| <b>213 BROWNSVILLE-LAREDO (TEX)</b>           |      |                     |  |                  |                      |          |   |
| TEXAS   | 73   | 59                  |  | 143              | 141                  | 1.10     | .88   |
| TEXAS   | 73   | 25                  | 14                                     | 337              | 333                  | *        | *   |
| TEXAS   | 73   | 51                  | 5                                      | 352              | 221                  | 1.48     | 1.18  |
| TEXAS   | 73   | 49                  | 13                                     | 1,302            | 424                  | 1.90     | 1.52  |
| <b>214 CORPUS CHRISTI-VICTORIA (TEX)</b>      |      |                     |  |                  |                      |          |   |
| TEXAS   | 73   | 34                  | 2                                      | 266              | 192                  | *        | *   |
| TEXAS   | 73   | 44                  | 1                                      | 154              | 118                  | 1.13     | .90   |
| TEXAS   | 73   | 20                  | 1                                      | 258              | 124                  | *        | *   |
| TEXAS   | 73   | 57                  | 1                                      | 192              | 129                  | .95      | .76   |
| TEXAS   | 73   | 11                  |  | 69               | 60                   | *        | *   |
| TEXAS   | 73   | 21                  | 4                                      | 334              | 165                  | *        | *   |
| TEXAS   | 73   | 23                  | 1                                      | 228              | 71                   | *        | *   |
| TEXAS   | 73   | 50                  | 1                                      | 252              | 98                   | .70      | .56   |
| TEXAS   | 73   | 49                  | 10                                     | 344              | 271                  | 1.31     | 1.05  |
| TEXAS   | 73   | 50                  | 1                                      | 240              | 134                  | 1.05     | .84   |
| TEXAS   | 73   | 50                  | 1                                      | 213              | 91                   | .75      | .60   |
| TEXAS   | 73   | 29                  | 1                                      | 153              | 80                   | *        | *   |
| TEXAS   | 73   | 50                  | 5                                      | 253              | 222                  | 1.10     | .89   |
| TEXAS   | 73   | 74                  | 1                                      | 207              | 130                  | *        | *   |
| TEXAS   | 73   | 16                  |  | 103              | 93                   | *        | *   |



**Table A-1 (continued) . SUSPENDED PARTICULATE DATA**

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION                      | YEAR 19-- | NO. OF VALID VALUES | NO. OF VALUES EXC'D'G 24-HR STDS. SEC. | NO. OF DAILY VALS. EXC'D'G 24-HR STDS. SEC. | PRIORITY 2 ** | HIGHEST 24-HR VALUES UG/CU.M. 1ST | 2ND | AS OF JUNE 07, 1974       |     | RATIOS TO ANN. STDS. SEC. | A N N U A L MEAN UG/CU.M. |
|---|-----------|---------------------|--|---|---------------|-----------------------------------|-----|---------------------------|-----|---------------------------|---------------------------|
|   |           |                     |  |   |               |                                   |     | 24-HR VALUES UG/CU.M. 1ST | 2ND |                           |                           |
| <b>215 METROPOLITAN DALLAS-FORT WORTH (TEX)</b> |           |                     |  |   |               |                                   |     |                           |     |                           |                           |
| TEXAS   | 73        | 44                  | 3                                      | 2   | 3             | 793                               | 542 | 1.11                      | *   | *                         | *                         |
| TEXAS   | 73        | 51                  |  |   |               | 148                               | 111 | 1.11                      | *   | *                         | 67                        |
| TEXAS   | 73        | 33                  |  |   |               | 132                               | 90  |                           | *   | *                         |                           |
| TEXAS   | 73        | 45                  |  |   |               | 137                               | 95  |                           | *   | *                         |                           |
| TEXAS   | 73        | 25                  | 1                                      |   |               | 167                               | 126 |                           | *   | *                         |                           |
| TEXAS   | 73        | 104                 | 2                                      |   |               | 203                               | 166 | 1.31                      | *   | *                         | 79                        |
| TEXAS   | 73        | 106                 | 1                                      |   |               | 245                               | 144 | 1.13                      | *   | *                         | 68                        |
| TEXAS   | 73        | 101                 | 2                                      |   |               | 164                               | 159 | .98                       | *   | *                         | 59                        |
| TEXAS   | 73        | 106                 | 19                                     |   |               | 241                               | 200 | 1.60                      | *   | *                         | 96                        |
| TEXAS   | 73        | 107                 | 1                                      |   |               | 216                               | 117 | .83                       | *   | *                         | 50                        |
| TEXAS   | 73        | 105                 | 4                                      |   |               | 250                               | 203 | 1.35                      | *   | *                         | 81                        |
| TEXAS   | 73        | 105                 | 8                                      |   | 2             | 282                               | 276 | 1.18                      | *   | *                         | 71                        |
| TEXAS   | 73        | 107                 | 4                                      |   |               | 148                               | 141 | .68                       | *   | *                         | 41                        |
| TEXAS   | 73        | 106                 | 4                                      |   |               | 240                               | 192 | .98                       | *   | *                         | 59                        |
| TEXAS   | 73        | 104                 | 1                                      |   |               | 164                               | 135 | .90                       | *   | *                         | 54                        |
| TEXAS   | 73        | 104                 | 3                                      |   |               | 184                               | 174 | 1.03                      | *   | *                         | 62                        |
| TEXAS   | 73        | 106                 | 1                                      |   | 1             | 352                               | 146 | .96                       | *   | *                         | 58                        |
| TEXAS   | 73        | 106                 | 1                                      |   |               | 177                               | 132 | .78                       | *   | *                         | 47                        |
| TEXAS   | 73        | 20                  | 1                                      |   |               | 154                               | 106 |                           | *   | *                         |                           |
| TEXAS   | 73        | 11                  |  |   |               | 71                                | 62  |                           | *   | *                         |                           |
| TEXAS   | 73        | 29                  |  |   |               | 103                               | 101 |                           | *   | *                         |                           |
| TEXAS   | 73        | 27                  | 1                                      |   |               | 186                               | 121 | 1.18                      | *   | *                         | 71                        |
| TEXAS   | 73        | 16                  |  |   |               | 121                               | 108 |                           | *   | *                         |                           |
| TEXAS   | 73        | 27                  | 1                                      |   |               | 212                               | 104 |                           | *   | *                         |                           |
| TEXAS   | 73        | 28                  | 1                                      |   |               | 240                               | 96  |                           | *   | *                         |                           |
| TEXAS   | 73        | 28                  | 1                                      |   |               | 257                               | 117 |                           | *   | *                         |                           |
| TEXAS   | 73        | 30                  | 3                                      |   | 1             | 268                               | 187 |                           | *   | *                         |                           |
| TEXAS   | 73        | 27                  | 1                                      |   |               | 207                               | 128 |                           | *   | *                         |                           |
| TEXAS   | 73        | 27                  | 1                                      |   |               | 362                               | 137 |                           | *   | *                         |                           |
| TEXAS   | 73        | 28                  | 1                                      |   |               | 251                               | 99  |                           | *   | *                         |                           |
| TEXAS   | 73        | 25                  | 9                                      |   | 1             | 447                               | 257 |                           | *   | *                         |                           |
| TEXAS   | 73        | 28                  | 1                                      |   |               | 288                               | 110 |                           | *   | *                         |                           |
| TEXAS   | 73        | 29                  | 2                                      |   | 1             | 277                               | 163 |                           | *   | *                         |                           |
| TEXAS   | 73        | 26                  | 1                                      |   |               | 318                               | 138 |                           | *   | *                         |                           |
| TEXAS   | 73        | 26                  | 1                                      |   |               | 312                               | 106 |                           | *   | *                         |                           |
| TEXAS   | 73        | 26                  | 8                                      |   | 1             | 415                               | 237 |                           | *   | *                         |                           |
| TEXAS   | 73        | 25                  | 1                                      |   |               | 197                               | 145 |                           | *   | *                         |                           |
| TEXAS   | 73        | 53                  | 1                                      |   |               | 158                               | 123 | .95                       | *   | *                         | 57                        |
| TEXAS   | 73        | 7                   | 1                                      |   |               | 176                               | 96  |                           | *   | *                         |                           |
| <b>216 METROPOLITAN HOUSTON-GALVESTON (TEX)</b> |           |                     |  |   |               |                                   |     |                           |     |                           |                           |
| TEXAS   | 73        | 50                  | 1                                      |   | 1             | 298                               | 130 | .81                       | *   | *                         | 49                        |
| TEXAS   | 73        | 54                  | 1                                      |   |               | 242                               | 99  | .70                       | *   | *                         | 42                        |
| TEXAS   | 73        | 55                  | 8                                      |   | 1             | 307                               | 259 | 1.15                      | *   | *                         | 65                        |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION | YEAR | NO. OF VALID VALUES | NO. OF VALUES EXCEEDING 24-HR STUS. PRI. | DAILY EXCEEDING 24-HR STUS. PRI. | HIGHEST 24-HR VALUES UG/CU.M. |     | RATIOS TO ANN. STDS. PRI. |      | A.M.N.U.A. G.M. |      |
|----------------------------|------|---------------------|--|----------------------------------|-------------------------------|-----|---------------------------|------|-----------------|------|
|                            |      |                     |  |                                  | 1ST                           | 2ND | SEC.                      | PRI. | UG/             | U.M. |
| TEXAS                      | 73   | 33                  | 1  | 1                                | 274                           | 146 | 1.05                      | .84  | 63              |      |
| TEXAS                      | 73   | 25                  |  |                                  | 142                           | 91  | *                         | *    |                 |      |
| TEXAS                      | 73   | 54                  |  |                                  | 97                            | 82  | .80                       | .64  | 48              |      |
| TEXAS                      | 73   | 59                  |  |                                  | 127                           | 119 | .91                       | .73  | 55              |      |
| TEXAS                      | 73   | 52                  | 4  |                                  | 193                           | 173 | 1.36                      | 1.09 | 82              |      |
| TEXAS                      | 73   | 56                  | 2  | 1                                | 325                           | 152 | 1.10                      | .88  | 66              |      |
| TEXAS                      | 73   | 16                  | 1  |                                  | 222                           | 115 | *                         | *    |                 |      |
| TEXAS                      | 73   | 14                  |  |                                  | 118                           | 117 | *                         | *    |                 |      |
| TEXAS                      | 73   | 52                  | 1  |                                  | 183                           | 132 | 1.15                      | .92  | 69              |      |
| TEXAS                      | 73   | 13                  |  |                                  | 123                           | 92  | *                         | *    |                 |      |
| TEXAS                      | 73   | 13                  | 1  |                                  | 183                           | 110 | *                         | *    |                 |      |
| TEXAS                      | 73   | 48                  | 1  |                                  | 231                           | 98  | .78                       | .62  | 47              |      |
| TEXAS                      | 73   | 22                  |  |                                  | 107                           | 100 | *                         | *    |                 |      |
| TEXAS                      | 73   | 50                  | 1  |                                  | 258                           | 124 | .81                       | .65  | 49              |      |
| TEXAS                      | 73   | 51                  | 1  |                                  | 232                           | 111 | .88                       | .70  | 53              |      |
| TEXAS                      | 73   | 28                  | 1  |                                  | 175                           | 97  | *                         | *    |                 |      |
| TEXAS                      | 73   | 20                  | 1  |                                  | 194                           | 107 | *                         | *    |                 |      |
| TEXAS                      | 73   | 31                  |  |                                  | 97                            | 82  | *                         | *    |                 |      |
| TEXAS                      | 73   | 30                  | 2  |                                  | 240                           | 169 | 1.35                      | 1.08 | 81              |      |
| TEXAS                      | 73   | 45                  | 3  |                                  | 196                           | 157 | 1.40                      | 1.12 | 84              |      |
| TEXAS                      | 73   | 56                  | 9  |                                  | 295                           | 253 | 1.65                      | 1.32 | 99              |      |
| TEXAS                      | 73   | 59                  | 8  | 1                                | 320                           | 219 | 1.48                      | 1.18 | 89              |      |
| TEXAS                      | 73   | 59                  | 1  | 1                                | 267                           | 93  | .81                       | .65  | 49              |      |
| TEXAS                      | 73   | 57                  | 13                                       | 7                                | 638                           | 529 | 1.71                      | 1.37 | 103             |      |
| TEXAS                      | 73   | 56                  | 3  |                                  | 219                           | 175 | 1.13                      | .90  | 68              |      |
| TEXAS                      | 73   | 59                  | 2  | 1                                | 289                           | 183 | 1.00                      | .80  | 60              |      |
| TEXAS                      | 73   | 61                  | 1  | 1                                | 300                           | 128 | .80                       | .64  | 48              |      |
| TEXAS                      | 73   | 59                  | 3  | 1                                | 551                           | 196 | 1.13                      | .90  | 68              |      |
| TEXAS                      | 73   | 56                  | 1  | 1                                | 291                           | 133 | .93                       | .74  | 56              |      |
| TEXAS                      | 73   | 56                  | 2  | 1                                | 281                           | 157 | .95                       | .76  | 57              |      |
| TEXAS                      | 73   | 61                  | 1  | 1                                | 284                           | 132 | 1.01                      | .81  | 61              |      |
| TEXAS                      | 73   | 61                  | 1  | 1                                | 285                           | 140 | 1.05                      | .84  | 63              |      |
| TEXAS                      | 73   | 48                  | 8  | 1                                | 306                           | 250 | 1.55                      | 1.24 | 93              |      |
| TEXAS                      | 73   | 58                  | 9  |                                  | 208                           | 207 | 1.50                      | 1.20 | 90              |      |
| TEXAS                      | 73   | 31                  | 4  | 1                                | 146                           | 137 | *                         | *    |                 |      |
| TEXAS                      | 73   | 61                  | 8  | 1                                | 290                           | 168 | 1.46                      | 1.17 | 88              |      |
| TEXAS                      | 73   | 49                  | 8  | 1                                | 268                           | 217 | 1.60                      | 1.28 | 96              |      |
| TEXAS                      | 73   | 11                  |  |                                  | 140                           | 118 | *                         | *    |                 |      |
| TEXAS                      | 73   | 17                  | 1  |                                  | 158                           | 142 | *                         | *    |                 |      |
| TEXAS                      | 73   | 14                  | 6  | 2                                | 363                           | 324 | *                         | *    |                 |      |
| TEXAS                      | 73   | 11                  |  |                                  | 78                            | 68  | *                         | *    |                 |      |
| TEXAS                      | 73   | 27                  | 1  |                                  | 237                           | 107 | *                         | *    |                 |      |
| TEXAS                      | 73   | 14                  |  |                                  | 102                           | 101 | *                         | *    |                 |      |
| TEXAS                      | 73   | 28                  |  |                                  | 58                            | 47  | .46                       | .37  | 28              |      |
| TEXAS                      | 73   | 2.                  | 1  | 1                                | 331                           | 149 | 1.26                      | 1.01 | 76              |      |

216 METROPOLITAN HOUSTON-GALVESTON (TEX) (CONTINUED)

**Table A-1 (continued). SUSPENDED PARTICULATE DATA**

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION | 216 METROPOLITAN HOUSTON-GALVESTON (TEX) (CONTINUED) | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUJES UG/CU.M. | RATIOS TO GEOM. MEAN |                     |     |
|----------------------------|--|------|---------------------|--|--------------------------------|----------------------|---------------------|-----|
|                            |  |      |                     |  |                                | ANN. STD. SEC. PRI.  | UG/CU.M.            |     |
| TEXAS                      | 45 4060002 H01 PASADENA                              | 73   | 50                  | 5                                      | 348                            | 206                  | 1.41 1.13           | 85  |
| TEXAS                      | 45 4060006 F01 PASADENA                              | 73   | 47                  | 1                                      | 282                            | 98                   | .76 .61             | 46  |
| TEXAS                      | 45 4890001 F01 SOUTH HOUSTON                         | 73   | 52                  | 3                                      | 328                            | 168                  | 1.43 1.14           | 86  |
| TEXAS                      | 45 5170003 G01 TEXAS CITY                            | 73   | 14                  |  | 101                            | 94                   | *                   | *   |
| TEXAS                      | 45 5170004 G01 TEXAS CITY                            | 73   | 14                  |  | 121                            | 118                  | *                   | *   |
| TEXAS                      | 45 5170011 F01 TEXAS CITY                            | 73   | 31                  | 2                                      | 172                            | 162                  | 1.66 1.33           | 100 |
| TEXAS                      | 45 5170011 G01 TEXAS CITY                            | 73   | 14                  | 1                                      | 151                            | 148                  | *                   | *   |
| TEXAS                      | 45 5170043 G01 TEXAS CITY                            | 73   | 14                  | 1                                      | 165                            | 99                   | *                   | *   |
| TEXAS                      | 45 5170045 G01 TEXAS CITY                            | 73   | 13                  |  | 89                             | 80                   | *                   | *   |
| TEXAS                      | 45 5195001 F01 TOMBALL                               | 73   | 51                  | 1                                      | 305                            | 126                  | 1.05 .84            | 63  |
|                            | 217 METROPOLITAN SAN ANTONIO (TEX)                   |      | ** PRIORITY 2 **    |  |                                |                      | AS OF JUNE 07, 1974 |     |
| TEXAS                      | 45 1580003 F01 EAGLE PASS                            | 73   | 56                  | 2                                      | 267                            | 157                  | 1.56 1.25           | 94  |
| TEXAS                      | 45 4570001 A01 SAN ANTONIO                           | 73   | 23                  | 1                                      | 151                            | 97                   | *                   | *   |
| TEXAS                      | 5 4570005 G01 SAN ANTONIO                            | 73   | 15                  |  | 92                             | 79                   | *                   | *   |
| TEXAS                      | 45 4570008 G01 SAN ANTONIO                           | 73   | 14                  |  | 84                             | 77                   | *                   | *   |
| TEXAS                      | 45 4570021 G03 SAN ANTONIO                           | 73   | 16                  |  | 66                             | 62                   | *                   | *   |
| TEXAS                      | 45 4570022 G02 SAN ANTONIO                           | 73   | 31                  |  | 89                             | 79                   | *                   | *   |
| TEXAS                      | 45 4570023 G01 SAN ANTONIO                           | 73   | 54                  | 1                                      | 180                            | 72                   | .53 .42             | 32  |
| TEXAS                      | 45 4570024 G01 SAN ANTONIO                           | 73   | 60                  | 2                                      | 232                            | 187                  | 1.03 .82            | 62  |
| TEXAS                      | 45 4570026 G01 SAN ANTONIO                           | 73   | 60                  | 7                                      | 287                            | 220                  | 1.50 1.20           | 90  |
| TEXAS                      | 45 4570027 G01 SAN ANTONIO                           | 73   | 61                  | 2                                      | 275                            | 230                  | .81 .65             | 49  |
| TEXAS                      | 45 4570033 G01 SAN ANTONIO                           | 73   | 56                  | 1                                      | 221                            | 84                   | .65 .52             | 39  |
| TEXAS                      | 45 4570034 G01 SAN ANTONIO                           | 73   | 59                  | 1                                      | 274                            | 134                  | 1.01 .81            | 61  |
|                            | 218 MIDLAND-ODESSA-SAN ANGELO (TEX)                  |      | ** PRIORITY 2 **    |  |                                |                      | AS OF JUNE 07, 1974 |     |
| TEXAS                      | 45 0400001 F01 BIG SPRING                            | 73   | 56                  | 4                                      | 353                            | 314                  | 1.00 .80            | 60  |
| TEXAS                      | 45 3620001 F01 MIELAND                               | 73   | 20                  |  | 124                            | 120                  | *                   | *   |
| TEXAS                      | 45 3910001 F01 ODESSA                                | 73   | 54                  | 4                                      | 392                            | 205                  | 1.11 .89            | 67  |
| TEXAS                      | 45 4560001 F01 SAN ANGELO                            | 73   | 47                  | 1                                      | 196                            | 131                  | *                   | *   |
| TEXAS                      | 45 5200001 A03 TCM GREEN COUNTY                      | 73   | 25                  | 1                                      | 330                            | 97                   | .81 .65             | 49  |
|                            | 220 WASHAICH FRONT (UTAH)                            |      | ** PRIORITY 1 **    |  |                                |                      | AS OF JUNE 01, 1974 |     |
| UTAH                       | 46 3680G01 A01 OGDEN                                 | 73   | 29                  | 2                                      | 229                            | 210                  | 1.38 1.10           | 83  |
| UTAH                       | 46 0920C01 A01 SALT LAKE CITY                        | 73   | 16                  | 2                                      | 266                            | 183                  | *                   | *   |
|                            | 221 VERMONT (REMAINDER)                              |      | ** PRIORITY 2 **    |  |                                |                      | AS OF JUNE 07, 1974 |     |
| VERMONT                    | 47 0040001 F01 BARRE                                 | 73   | 20                  | 1                                      | 167                            | 135                  | *                   | *   |
| VERMONT                    | 47 0120C01 F01 BRATTLEBORG                           | 73   | 10                  | 2                                      | 202                            | 165                  | *                   | *   |
| VERMONT                    | 47 0360001 A03 ORANGE COUNTY                         | 73   | 19                  |  | 73                             | 38                   | *                   | *   |

Table A-1 (continued) . SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'S 24-HR STUD. SEC. | HIGHEST 24-HR VALUES UG/CU.M. 1ST 2ND | RATIOS TO GEOM. MEAN |                    | AS OF JUNE 07, 1974 |
|----------------------------|------|---------------------|--|---------------------------------------|----------------------|--------------------|---------------------|
|                            |      |                     |  |                                       | ANN. STDS            | SEC. PRI. UG/CU.M. |                     |
| 222 CENTRAL VIRGINIA       |      | ** PRIORITY 1 **    |  |                                       |                      |                    |                     |
| VIRGINIA                   | 73   | 67                  | 1  | 187                                   | 133                  | *                  | *                   |
| VIRGINIA                   | 73   | 36                  |  | 121                                   | 106                  | *                  | *                   |
| VIRGINIA                   | 73   | 47                  | 25   | 824                                   | 548                  | *                  | *                   |
| VIRGINIA                   | 73   | 47                  | 6  | 347                                   | 245                  | *                  | *                   |
| VIRGINIA                   | 73   | 40                  | 2  | 239                                   | 200                  | *                  | *                   |
| VIRGINIA                   | 73   | 32                  | 1  | 170                                   | 129                  | *                  | *                   |
| VIRGINIA                   | 73   | 28                  |  | 73                                    | 55                   | *                  | *                   |
| VIRGINIA                   | 73   | 9                   |  | 39                                    | 39                   | *                  | *                   |
| VIRGINIA                   | 73   | 43                  | 2  | 208                                   | 178                  | *                  | *                   |
| VIRGINIA                   | 73   | 37                  |  | 106                                   | 101                  | *                  | *                   |
| VIRGINIA                   | 73   | 34                  | 1  | 173                                   | 140                  | *                  | *                   |
| VIRGINIA                   | 73   | 8                   |  | 112                                   | 99                   | *                  | *                   |
| VIRGINIA                   | 73   | 42                  |  | 110                                   | 94                   | *                  | *                   |
| VIRGINIA                   | 73   | 45                  |  | 112                                   | 102                  | *                  | *                   |
| VIRGINIA                   | 73   | 48                  | 6  | 240                                   | 233                  | *                  | *                   |
| VIRGINIA                   | 73   | 22                  | 2  | 177                                   | 151                  | *                  | *                   |
| VIRGINIA                   | 73   | 40                  | 2  | 199                                   | 176                  | *                  | *                   |
| VIRGINIA                   | 73   | 46                  |  | 129                                   | 128                  | *                  | *                   |
| VIRGINIA                   | 73   | 41                  |  | 99                                    | 92                   | *                  | *                   |
| VIRGINIA                   | 73   | 38                  |  | 69                                    | 64                   | *                  | *                   |
| VIRGINIA                   | 73   | 49                  |  | 135                                   | 128                  | *                  | *                   |
| VIRGINIA                   | 73   | 48                  |  | 140                                   | 124                  | *                  | *                   |
| VIRGINIA                   | 73   | 14                  |  | 50                                    | 48                   | *                  | *                   |
| VIRGINIA                   | 73   | 30                  | 13   | 385                                   | 380                  | *                  | *                   |
| VIRGINIA                   | 73   | 37                  | 3  | 261                                   | 156                  | *                  | *                   |
| VIRGINIA                   | 73   | 41                  | 1  | 214                                   | 154                  | *                  | *                   |
| VIRGINIA                   | 73   | 29                  | 2  | 148                                   | 120                  | *                  | *                   |
| 223 HAMPTON ROADS (VA)     |      | ** PRIORITY 1 **    |  |                                       |                      |                    |                     |
| VIRGINIA                   | 73   | 46                  | 2  | 194                                   | 154                  | *                  | *                   |
| VIRGINIA                   | 73   | 16                  | 4  | 284                                   | 164                  | *                  | *                   |
| VIRGINIA                   | 73   | 30                  | 2  | 210                                   | 163                  | *                  | *                   |
| VIRGINIA                   | 73   | 46                  | 8  | 381                                   | 274                  | *                  | *                   |
| VIRGINIA                   | 73   | 45                  | 4  | 254                                   | 169                  | *                  | *                   |
| VIRGINIA                   | 73   | 43                  | 3  | 300                                   | 238                  | *                  | *                   |
| VIRGINIA                   | 73   | 30                  |  | 118                                   | 115                  | 1.06               | .85                 |
| VIRGINIA                   | 73   | 45                  | 9  | 488                                   | 344                  | *                  | *                   |
| VIRGINIA                   | 73   | 16                  |  | 50                                    | 47                   | *                  | *                   |
| VIRGINIA                   | 73   | 30                  | 1  | 228                                   | 68                   | *                  | *                   |
| VIRGINIA                   | 73   | 24                  |  | 108                                   | 104                  | *                  | *                   |
| VIRGINIA                   | 73   | 48                  |  | 107                                   | 98                   | *                  | *                   |
| VIRGINIA                   | 73   | 38                  |  | 149                                   | 118                  | 1.26               | 1.01                |
| VIRGINIA                   | 73   | 43                  | 2  | 252                                   | 166                  | *                  | *                   |
| VIRGINIA                   | 73   | 45                  | 8  | 213                                   | 194                  | *                  | *                   |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION | 223 HAMPTON ROADS (VA) (CONTINUED)  | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEEDING 24-HR STDS. SEC. PRI. | HIGHEST 24-HR VALUES UG/CU.M. 1ST 2ND | AS OF JUNE 07, 1974 |        | RATIOS TO ANN. STDS. SEC. PRI. | A N N U A L RATIO TO GEOM. MEAN UG/CU.M. |
|----------------------------|-------------------------------------|------|---------------------|---|---------------------------------------|---------------------|--------|--------------------------------|--|
|                            |                                     |      |                     |   |                                       | 19--                | 19--   |                                |  |
|                            |                                     |      |                     |   |                                       | VALUES              | VALUES |                                |  |
| VIRGINIA                   | 48 2440C01 A01 PORTSMOUTH           | 73   | 29                  |   | 142                                   | 133                 | 1.41   | 1.13                           | 85                                       |
| VIRGINIA                   | 48 2440D04 F02 PORTSMOUTH           | 73   | 44                  |   | 87                                    | 73                  | *      | *                              | *  |
| VIRGINIA                   | 48 3080003 F02 SUFFOLK              | 73   | 40                  | 1   | 180                                   | 145                 | *      | *                              | *  |
| VIRGINIA                   | 48 3240005 F02 VIRGINIA BEACH       | 73   | 41                  |   | 80                                    | 76                  | *      | *                              | *  |
| VIRGINIA                   | 48 3360001 F01 WILLIAMSBURG         | 73   | 14                  |   | 56                                    | 55                  | *      | *                              | *  |
| VIRGINIA                   | 48 33600C1 F02 WILLIAMSBURG         | 73   | 30                  |   | 113                                   | 98                  | *      | *                              | *  |
| VIRGINIA                   | 48 3480002 F02 YORK COUNTY          | 73   | 38                  |   | 64                                    | 56                  | *      | *                              | *  |
| 224 NORTHEASTERN VIRGINIA  |                                     |      |                     |   |                                       |                     |        |                                |  |
| VIRGINIA                   | 48 0040001 F01 ACCOMACK COUNTY      | 73   | 37                  | 1   | 174                                   | 77                  | *      | *                              | *  |
| VIRGINIA                   | 48 0040002 F01 ACCOMACK COUNTY      | 73   | 19                  |   | 111                                   | 107                 | *      | *                              | *  |
| VIRGINIA                   | 48 0680001 F01 CHARLOTTESVILLE      | 73   | 24                  |   | 110                                   | 104                 | *      | *                              | *  |
| VIRGINIA                   | 48 0880001 F01 CULPEPER COUNTY      | 73   | 18                  | 1   | 187                                   | 59                  | *      | *                              | *  |
| VIRGINIA                   | 48 1000001 F02 ESSEX COUNTY         | 73   | 18                  |   | 78                                    | 74                  | *      | *                              | *  |
| VIRGINIA                   | 48 1120001 F01 FAUQUIER COUNTY      | 73   | 18                  |   | 63                                    | 39                  | *      | *                              | *  |
| VIRGINIA                   | 48 1160005 F02 FLUVANNA COUNTY      | 73   | 39                  | 1   | 152                                   | 150                 | *      | *                              | *  |
| VIRGINIA                   | 48 1160006 F02 FLUVANNA COUNTY      | 73   | 15                  |   | 79                                    | 64                  | *      | *                              | *  |
| VIRGINIA                   | 48 1160007 F02 FLUVANNA COUNTY      | 73   | 19                  | 2   | 158                                   | 157                 | *      | *                              | *  |
| VIRGINIA                   | 48 1240001 F02 FREDERICKSBURG       | 73   | 26                  |   | 87                                    | 84                  | *      | *                              | *  |
| VIRGINIA                   | 48 1240002 F01 FREDERICKSBURG       | 73   | 16                  |   | 66                                    | 54                  | *      | *                              | *  |
| VIRGINIA                   | 48 1320001 F02 GLOUCESTER COUNTY    | 73   | 41                  |   | 76                                    | 67                  | *      | *                              | *  |
| VIRGINIA                   | 48 3345002 F02 WEST POINT           | 73   | 16                  |   | 58                                    | 55                  | *      | *                              | *  |
| 225 STATE CAPITAL (VA)     |                                     |      |                     |   |                                       |                     |        |                                |  |
| VIRGINIA                   | 48 0720002 F02 CHESTERFIELD COUNTY  | 73   | 46                  | 2   | 166                                   | 162                 | *      | *                              | *  |
| VIRGINIA                   | 48 0820001 F01 COLONIAL HEIGHTS     | 73   | 15                  |   | 96                                    | 80                  | *      | *                              | *  |
| VIRGINIA                   | 48 0580001 F02 EMPORIA              | 73   | 24                  | 1   | 212                                   | 139                 | *      | *                              | *  |
| VIRGINIA                   | 48 0980002 F02 EMPORIA              | 73   | 21                  |   | 100                                   | 94                  | *      | *                              | *  |
| VIRGINIA                   | 48 1500002 F01 HENRICO COUNTY       | 73   | 44                  | 1   | 164                                   | 76                  | *      | *                              | *  |
| VIRGINIA                   | 48 1500007 F02 HENRICO COUNTY       | 73   | 43                  |   | 126                                   | 108                 | *      | *                              | *  |
| VIRGINIA                   | 48 1500008 F02 HENRICO COUNTY       | 73   | 45                  |   | 102                                   | 63                  | *      | *                              | *  |
| VIRGINIA                   | 48 1500011 F01 HENRICO              | 73   | 14                  |   | 87                                    | 73                  | *      | *                              | *  |
| VIRGINIA                   | 49 1560002 F02 HOPEWELL             | 73   | 46                  | 3   | 187                                   | 186                 | *      | *                              | *  |
| VIRGINIA                   | 48 2360002 F01 PETERSBURG           | 73   | 41                  |   | 126                                   | 115                 | *      | *                              | *  |
| VIRGINIA                   | 48 2500001 F02 PRINCE GEORGE COUNTY | 73   | 44                  |   | 66                                    | 57                  | *      | *                              | *  |
| VIRGINIA                   | 48 2660002 H01 RICHMOND VA          | 73   | 44                  | 1   | 174                                   | 149                 | *      | *                              | *  |
| VIRGINIA                   | 48 2660003 H01 RICHMOND VA          | 73   | 44                  | 3   | 234                                   | 194                 | *      | *                              | *  |
| VIRGINIA                   | 48 2660004 H01 RICHMOND VA          | 73   | 45                  | 2   | 166                                   | 163                 | *      | *                              | *  |
| VIRGINIA                   | 48 2660005 H01 RICHMOND VA          | 73   | 45                  |   | 150                                   | 126                 | *      | *                              | *  |
| VIRGINIA                   | 48 2660011 F01 RICHMOND             | 73   | 15                  | 1   | 161                                   | 140                 | *      | *                              | *  |
| VIRGINIA                   | 48 2660011 F02 RICHMOND             | 73   | 19                  | 4   | 291                                   | 271                 | *      | *                              | *  |
| VIRGINIA                   | 48 2660013 H01 RICHMOND             | 73   | 42                  | 3   | 194                                   | 161                 | *      | *                              | *  |
| VIRGINIA                   | 48 2660014 H01 RICHMOND             | 73   | 40                  | 1   | 177                                   | 139                 | *      | *                              | *  |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION | 225 STATE CAPITAL (VA) (CONTINUED)    | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D 0.3 UG/CU.M. | HIGHEST 24-HR VALUE UG/CU.M. | RATIOS TO ANN. STDS |      | A N N U A L G E O M . MEAN UG/CU.M. |
|----------------------------|---------------------------------------|-----------|---------------------|--|------------------------------|---------------------|------|-------------------------------------|
|                            |                                       |           |                     |  |                              | SEC.                | PRI. |                                     |
| VIRGINIA                   | 48 2660015 H01 RICHMOND               | 73        | 41                  | 1                                      | 195                          | 148                 | *    | *                                   |
| VIRGINIA                   | 48 2660016 H01 RICHMOND               | 73        | 38                  | 2                                      | 175                          | 172                 | *    | *                                   |
| VIRGINIA                   | 48 2660017 H01 RICHMOND               | 73        | 44                  | 4                                      | 260                          | 223                 | *    | *                                   |
| VIRGINIA                   | 48 2660018 H01 RICHMOND               | 73        | 44                  |  | 139                          | 99                  | *    | *                                   |
| VIRGINIA                   | 48 2660019 H01 RICHMOND               | 73        | 43                  | 6                                      | 192                          | 186                 | *    | *                                   |
| 226 VALLEY OF VIRGINIA     |                                       |           | ** PRIORITY 1 **    |  | AS OF JUNE 07, 1974          |                     |      |                                     |
| VIRGINIA                   | 48 0460003 F02 BOYD TOWRT COUNTY      | 73        | 46                  | 10                                     | 636                          | 550                 | *    | *                                   |
| VIRGINIA                   | 48 0560002 F02 BUENA VISTA            | 73        | 40                  |  | 94                           | 90                  | *    | *                                   |
| VIRGINIA                   | 48 0760001 F02 CLARKE COUNTY          | 73        | 38                  |  | 85                           | 72                  | *    | *                                   |
| VIRGINIA                   | 48 0780002 F01 CLIFTON FORGE          | 73        | 41                  | 1                                      | 167                          | 96                  | *    | *                                   |
| VIRGINIA                   | 48 0840005 F02 COVINGTON              | 73        | 46                  |  | 148                          | 118                 | *    | *                                   |
| VIRGINIA                   | 48 1220002 F02 FREDERICK COUNTY       | 73        | 16                  | 6                                      | 342                          | 342                 | *    | *                                   |
| VIRGINIA                   | 48 1260004 F02 FRONT ROYAL            | 73        | 45                  | 9                                      | 316                          | 257                 | *    | *                                   |
| VIRGINIA                   | 48 1300003 F02 GILES COUNTY           | 73        | 15                  | 5                                      | 278                          | 220                 | *    | *                                   |
| VIRGINIA                   | 48 1300006 F01 GILES COUNTY           | 73        | 13                  | 3                                      | 237                          | 225                 | *    | *                                   |
| VIRGINIA                   | 48 1480002 F02 HARRISONBURG           | 73        | 45                  |  | 122                          | 102                 | *    | *                                   |
| VIRGINIA                   | 48 1740002 F01 LEXINGTON              | 73        | 12                  |  | 86                           | 62                  | *    | *                                   |
| VIRGINIA                   | 48 2560006 F02 PULASKI                | 73        | 44                  |  | 127                          | 126                 | *    | *                                   |
| VIRGINIA                   | 48 2560007 F02 PULASKI                | 73        | 39                  |  | 77                           | 69                  | *    | *                                   |
| VIRGINIA                   | 48 2600007 F01 KADDFORD               | 73        | 16                  |  | 144                          | 111                 | *    | *                                   |
| VIRGINIA                   | 48 2600007 F02 RAEFORD                | 73        | 26                  |  | 78                           | 78                  | *    | *                                   |
| VIRGINIA                   | 48 2700001 A01 KCANCKE                | 73        | 28                  |  | 104                          | 79                  | *.76 | 46                                  |
| VIRGINIA                   | 48 2700003 H01 ROANKE                 | 73        | 25                  |  | 72                           | 71                  | *    | *                                   |
| VIRGINIA                   | 48 2700003 H02 ROANKE                 | 73        | 21                  |  | 86                           | 80                  | *    | *                                   |
| VIRGINIA                   | 48 2700008 H01 ROANKE                 | 73        | 30                  |  | 114                          | 112                 | *    | *                                   |
| VIRGINIA                   | 48 2700008 H02 ROANKE                 | 73        | 16                  |  | 78                           | 67                  | *    | *                                   |
| VIRGINIA                   | 48 2720003 G02 ROANKE COUNTY          | 73        | 49                  | 4                                      | 431                          | 309                 | *    | *                                   |
| VIRGINIA                   | 48 2720003 G01 ROANKE COUNTY          | 73        | 47                  |  | 127                          | 125                 | *    | *                                   |
| VIRGINIA                   | 48 2720013 G02 ROANKE COUNTY          | 73        | 105                 | 4                                      | 260                          | 184                 | *    | *                                   |
| VIRGINIA                   | 48 2720014 G02 RCANCKE COUNTY         | 73        | 36                  | 2                                      | 182                          | 182                 | *    | *                                   |
| VIRGINIA                   | 48 2720020 G02 KUANUKE COUNTY         | 73        | 59                  | 7                                      | 207                          | 190                 | *    | *                                   |
| VIRGINIA                   | 48 2720023 G01 ROANKE COUNTY          | 73        | 54                  |  | 106                          | 103                 | *    | *                                   |
| VIRGINIA                   | 48 2720025 G02 RCANCKE COUNTY         | 73        | 21                  |  | 87                           | 60                  | *    | *                                   |
| VIRGINIA                   | 48 2720027 G02 ROANKE COUNTY          | 73        | 60                  |  | 114                          | 108                 | *    | *                                   |
| VIRGINIA                   | 48 2720028 G03 PCANCKE COUNTY         | 73        | 51                  | 1                                      | 167                          | 113                 | *    | *                                   |
| VIRGINIA                   | 48 2760001 F02 ROCKINGHAM COUNTY      | 73        | 45                  |  | 144                          | 123                 | *    | *                                   |
| VIRGINIA                   | 48 2800001 G01 SALEM                  | 73        | 225                 |  | 135                          | 134                 | *    | *                                   |
| VIRGINIA                   | 48 2800003 G01 SALEM                  | 73        | 54                  |  | 127                          | 127                 | *    | *                                   |
| VIRGINIA                   | 48 2800007 G02 SALEM                  | 73        | 31                  | 7                                      | 331                          | 285                 | *    | *                                   |
| VIRGINIA                   | 48 2890001 A03 SHENANDUAH NATIONAL PK | 73        | 28                  |  | 59                           | 57                  | *.50 | 30                                  |
| VIRGINIA                   | 48 3060002 F01 STAUNTON               | 73        | 39                  |  | 108                          | 99                  | *    | *                                   |
| VIRGINIA                   | 48 3220002 G01 VINTON                 | 73        | 59                  |  | 131                          | 127                 | *    | *                                   |
| VIRGINIA                   | 48 3320004 F02 WAYNESBORO             | 73        | 46                  | 2                                      | 347                          | 157                 | *    | *                                   |
| VIRGINIA                   | 48 3320006 F02 WAYNESBORO             | 73        | 30                  | 1                                      | 203                          | 107                 | *    | *                                   |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION       | YEAR | 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. SEC. PRI. | HIGHEST 24-HR VALUES UG/CU.M. |                     | RATIOS TO ANNUAL |               |     |
|----------------------------------|------|---------------------|--|---|-------------------------------|---------------------|------------------|---------------|-----|
|                                  |      |                     |  |   | 1ST                           | 2ND                 | ANN. STDS. SEC.  | PRI. UG/CU.M. |     |
| 227 NORTHEFN WASHINGTON          |      |                     |  |   |                               |                     |                  |               |     |
|                                  |      | ** PRIORITY 2 **    |  |   |                               | AS OF JUNE 07, 1974 |                  |               |     |
| WASHINGTON                       | 73   | 56                  | 1  |   | 238                           | 122                 | .75              | .60           | 45  |
| WASHINGTON                       | 73   | 61                  | 2  |   | 211                           | 163                 | .93              | .74           | 56  |
| WASHINGTON                       | 73   | 57                  | 1  | 1   | 315                           | 149                 | .93              | .74           | 56  |
| 228 OLYMPIC-NORTHWEST WASHINGTON |      |                     |  |   |                               |                     |                  |               |     |
|                                  |      | ** PRIORITY 2 **    |  |   |                               | AS OF JUNE 07, 1974 |                  |               |     |
| WASHINGTON                       | 73   | 59                  |  |   | 87                            | 79                  | .56              | .45           | 34  |
| WASHINGTON                       | 73   | 44                  |  |   | 117                           | 110                 | *                | *             |     |
| WASHINGTON                       | 73   | 60                  |  |   | 102                           | 90                  | .73              | .58           | 44  |
| WASHINGTON                       | 73   | 55                  | 4  |   | 235                           | 185                 | 1.00             | .80           | 60  |
| 229 PUGET SOUND (WASH)           |      |                     |  |   |                               |                     |                  |               |     |
|                                  |      | ** PRIORITY 1 **    |  |   |                               | AS OF JUNE 07, 1974 |                  |               |     |
| WASHINGTON                       | 73   | 61                  |  |   | 111                           | 102                 | .58              | .46           | 35  |
| WASHINGTON                       | 73   | 58                  |  |   | 97                            | 72                  | .51              | .41           | 31  |
| WASHINGTON                       | 73   | 61                  | 3  |   | 212                           | 166                 | .88              | .70           | 53  |
| WASHINGTON                       | 73   | 53                  |  |   | 37                            | 37                  | .20              | .16           | 12  |
| WASHINGTON                       | 73   | 25                  |  |   | 65                            | 58                  | *                | *             |     |
| WASHINGTON                       | 73   | 59                  |  |   | 102                           | 84                  | .70              | .56           | 42  |
| WASHINGTON                       | 73   | 26                  | 1  |   | 157                           | 144                 | *                | *             |     |
| WASHINGTON                       | 73   | 60                  | 2  |   | 157                           | 155                 | .96              | .77           | 58  |
| WASHINGTON                       | 73   | 61                  | 1  |   | 163                           | 115                 | .91              | .73           | 55  |
| WASHINGTON                       | 73   | 61                  |  |   | 112                           | 102                 | .60              | .48           | 36  |
| WASHINGTON                       | 73   | 61                  | 14   | 5   | 463                           | 329                 | 1.85             | 1.48          | 111 |
| WASHINGTON                       | 73   | 26                  |  |   | 141                           | 113                 | *                | *             |     |
| WASHINGTON                       | 73   | 58                  |  |   | 134                           | 124                 | .81              | .65           | 49  |
| WASHINGTON                       | 73   | 57                  |  |   | 116                           | 101                 | .70              | .56           | 42  |
| WASHINGTON                       | 73   | 59                  | 12   | 2   | 262                           | 261                 | 1.10             | .88           | 66  |
| 230 SOUTH CENTRAL WASHINGTON     |      |                     |  |   |                               |                     |                  |               |     |
|                                  |      | ** PRIORITY 1 **    |  |   |                               | AS OF JUNE 07, 1974 |                  |               |     |
| WASHINGTON                       | 73   | 61                  | 1  |   | 170                           | 146                 | .83              | .66           | 50  |
| WASHINGTON                       | 73   | 61                  | 4  | 2   | 496                           | 462                 | 1.21             | .97           | 73  |
| WASHINGTON                       | 73   | 62                  | 1  |   | 203                           | 137                 | .60              | .48           | 36  |
| WASHINGTON                       | 73   | 66                  | 1  |   | 190                           | 127                 | .76              | .61           | 46  |
| WASHINGTON                       | 73   | 61                  | 1  |   | 163                           | 145                 | 1.15             | .92           | 69  |
| WASHINGTON                       | 73   | 44                  |  |   | 114                           | 86                  | *                | *             |     |
| 234 KANAWHA VALLEY (W. VA.)      |      |                     |  |   |                               |                     |                  |               |     |
|                                  |      | ** PRIORITY 1 **    |  |   |                               | AS OF JUNE 07, 1974 |                  |               |     |
| WEST VIRGINIA                    | 73   | 29                  | 5  | 1   | 501                           | 244                 | 1.70             | 1.36          | 102 |
| WEST VIRGINIA                    | 73   | 10                  | 5  | 1   | 289                           | 231                 | *                | *             |     |
| WEST VIRGINIA                    | 73   | 13                  |  |   | 80                            | 69                  | *                | *             |     |
| WEST VIRGINIA                    | 73   | 26                  | 13   | 5   | 403                           | 288                 | *                | *             |     |
| WEST VIRGINIA                    | 73   | 14                  | 1  |   | 195                           | 137                 | *                | *             |     |

**Table A-1 (continued) . SUSPENDED PARTICULATE DATA**

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION     | 234 KANAWHA VALLEY (W. VA.) (CONTINUED) | YEAR                      | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEEDING 24-HR STDS. SEC. | HIGHEST 24-HR VALUES UG/CU.M. 1ST 2ND | RATIOS TO ANN. STDS. SEC. PRI. |      | A N N U A L GE.M. MEAN |   |
|--------------------------------|---|---------------------------|---------------------|--|---------------------------------------|--------------------------------|------|------------------------|---|
|                                |   |                           |                     |  |                                       | 1ST                            | 2ND  |                        |   |
| WEST VIRGINIA                  | 50 0760001 F02 KANAWHA COUNTY           | 73                        | 12                  | 4  | 222                                   | 195                            | *    | *                      |   |
|                                | 50 0760002 F02 KANAWHA COUNTY           | 73                        | 14                  |  | 54                                    | 50                             | *    | *                      |   |
|                                | 50 1340001 F02 NITKO                    | 73                        | 14                  | 1  | 185                                   | 141                            | *    | *                      |   |
|                                | 50 1560003 F02 PUTNAM COUNTY            | 73                        | 14                  |  | 124                                   | 108                            | *    | *                      |   |
|                                | 50 1760001 A01 SOUTH CHARLESTON         | 73                        | 28                  | 4  | 327                                   | 318                            | 1.48 | 1.18                   |   |
|                                | 50 1760002 F02 SOUTH CHARLESTON         | 73                        | 13                  | 3  | 211                                   | 171                            | *    | *                      |   |
|                                | 50 1760003 F01 SOUTH CHARLESTON         | 73                        | 13                  |  | 75                                    | 55                             | *    | *                      |   |
|                                | ** PRIORITY 1 **                        |                           |                     |  |                                       |                                |      |                        |   |
|                                | AS OF JUNE 07, 1974                     |                           |                     |  |                                       |                                |      |                        |   |
|                                | WEST VIRGINIA                           | 50 J360001 F01 CLARKSBURG | 73                  | 10   |                                       | 109                            | 67   | *                      | * |
| 50 0480002 F02 FAIRMONT        |   | 73                        | 9                   |  | 100                                   | 87                             | *    | *                      |   |
| 50 0480003 F01 FAIRMONT        |   | 73                        | 9                   |  | 66                                    | 61                             | *    | *                      |   |
| 50 0660001 F01 HARRISON COUNTY |   | 73                        | 10                  |  | 54                                    | 45                             | *    | *                      |   |
| ** PRIORITY 3 **               |   |                           |                     |  |                                       |                                |      |                        |   |
| AS OF JUNE 07, 1974            |   |                           |                     |  |                                       |                                |      |                        |   |
| WEST VIRGINIA                  | 50 0460001 F02 FAYETTE COUNTY           | 73                        | 10                  | 7  | 97                                    | 97                             | *    | *                      |   |
|                                | 50 1180001 F02 MONTGOMERY               | 73                        | 10                  |  | 259                                   | 250                            | *    | *                      |   |
| ** PRIORITY 2 **               |   |                           |                     |  |                                       |                                |      |                        |   |
| AS OF JUNE 07, 1974            |   |                           |                     |  |                                       |                                |      |                        |   |
| WEST VIRGINIA                  | 51 0080002 F01 APPLETON                 | 73                        | 60                  |  | 144                                   | 104                            | .78  | .62                    |   |
|                                | 51 0720001 F01 DE PERE                  | 73                        | 23                  |  | 117                                   | 76                             | *    | *                      |   |
|                                | 51 0780001 A03 DOOR COUNTY              | 73                        | 22                  |  | 77                                    | 77                             | *    | *                      |   |
|                                | 51 0980001 F01 FCND DU LAC              | 73                        | 58                  |  | 84                                    | 84                             | .68  | .54                    |   |
|                                | 51 1480001 F01 GREEN BAY                | 73                        | 97                  | 1  | 160                                   | 122                            | .88  | .70                    |   |
|                                | 51 1180002 F01 GREEN BAY                | 73                        | 149                 | 2  | 180                                   | 155                            | 1.00 | .80                    |   |
|                                | 51 1180006 F01 GREEN BAY                | 73                        | 131                 | 2  | 192                                   | 159                            | 1.00 | .80                    |   |
|                                | 51 1180007 F01 GREEN BAY                | 73                        | 22                  |  | 100                                   | 75                             | *    | *                      |   |
|                                | 51 1880001 F01 MANITOWOC                | 73                        | 55                  |  | 135                                   | 108                            | .91  | .73                    |   |
|                                | 51 1880005 F01 MANITOWOC                | 73                        | 52                  |  | 93                                    | 86                             | .50  | .40                    |   |
|                                | 51 2080004 F01 MENASHA                  | 73                        | 16                  |  | 136                                   | 97                             | *    | *                      |   |
|                                | 51 2080006 F01 MENASHA                  | 73                        | 41                  |  | 101                                   | 96                             | .86  | .69                    |   |
|                                | 51 2300001 F01 NEENAH                   | 73                        | 41                  |  | 89                                    | 85                             | *    | *                      |   |
|                                | 51 2560003 F01 OSHKOSH                  | 73                        | 67                  | 3  | 157                                   | 151                            | .93  | .74                    |   |
|                                | 51 2560004 F01 OSHKOSH                  | 73                        | 61                  | 1  | 190                                   | 138                            | 1.06 | .85                    |   |
|                                | 51 3020001 F01 RIPON                    | 73                        | 52                  |  | 87                                    | 82                             | .46  | .37                    |   |
|                                | ** PRIORITY 2 **                        |                           |                     |  |                                       |                                |      |                        |   |
|                                | AS OF JUNE 07, 1974                     |                           |                     |  |                                       |                                |      |                        |   |
|                                | WEST VIRGINIA                           | 51 2000001 F04 MARSHFIELD | 73                  | 31   |                                       | 78                             | 64   | *                      | * |
|                                |   | 51 2000002 F02 MARSHFIELD | 73                  | 31   | 13                                    | 656                            | 633  | *                      | * |
| 51 3400001 F01 STEVENS POINT   |   | 73                        | 49                  |  | 68                                    | 60                             | .38  | .30                    |   |
| 51 3400002 F01 STEVENS POINT   |   | 73                        | 47                  |  | 105                                   | 57                             | .46  | .37                    |   |
| 51 3640001 F03 VILAS COUNTY    |   | 73                        | 47                  |  | 73                                    | 57                             | .20  | .16                    |   |



Table A-1 (continued). SUSPENDED PARTICULATE DATA

MET-CC: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL REGION | YEAR | NO. OF DAILY VALUES | NO. OF 24-HR STDS. SEC. | EXC'D *G | HIGHEST 24-HR VALUES UG/CU.M. | RATIOS TO ANNUAL |          |
|----------------------------|------|---------------------|-------------------------|----------|-------------------------------|------------------|----------|
|                            |      |                     |                         |          |                               | 1ST SEC.         | 2ND SEC. |
| 239 SOUTHEASTERN WISCONSIN |      |                     |                         |          |                               |                  |          |
| WISCONSIN                  | 73   | 27                  | ** PRIORITY 1 **        |          | 94                            | .71              | .57      |
| WISCONSIN                  | 73   | 59                  |                         |          | 136                           | .76              | .61      |
| WISCONSIN                  | 73   | 26                  |                         |          | 122                           | *                | *        |
| WISCONSIN                  | 73   | 23                  |                         |          | 113                           | *                | *        |
| WISCONSIN                  | 73   | 27                  |                         |          | 147                           | 1.06             | .85      |
| WISCONSIN                  | 73   | 22                  |                         |          | 145                           | *                | *        |
| WISCONSIN                  | 73   | 20                  | 1                       |          | 196                           | *                | *        |
| WISCONSIN                  | 73   | 27                  | 2                       |          | 166                           | *                | *        |
| WISCONSIN                  | 73   | 110                 | 2                       |          | 171                           | .90              | .72      |
| WISCONSIN                  | 73   | 189                 | 12                      |          | 193                           | 1.23             | .98      |
| WISCONSIN                  | 73   | 110                 | 1                       |          | 166                           | 1.00             | .80      |
| WISCONSIN                  | 73   | 112                 | 2                       |          | 195                           | 1.06             | .85      |
| WISCONSIN                  | 73   | 75                  | 3                       |          | 211                           | .83              | .66      |
| WISCONSIN                  | 73   | 113                 | 1                       |          | 156                           | .76              | .61      |
| WISCONSIN                  | 73   | 88                  |                         |          | 140                           | *                | *        |
| WISCONSIN                  | 73   | 324                 | 40                      | 5        | 304                           | 1.35             | 1.08     |
| WISCONSIN                  | 73   | 60                  | 4                       | 1        | 359                           | .76              | .61      |
| WISCONSIN                  | 73   | 25                  |                         |          | 102                           | *                | *        |
| WISCONSIN                  | 73   | 12                  |                         |          | 91                            | *                | *        |
| WISCONSIN                  | 73   | 26                  |                         |          | 95                            | .78              | .62      |
| WISCONSIN                  | 73   | 16                  |                         |          | 103                           | *                | *        |
| WISCONSIN                  | 73   | 25                  | 1                       |          | 157                           | .89              | .66      |
| WISCONSIN                  | 73   | 28                  |                         |          | 71                            | .48              | .38      |
| WISCONSIN                  | 73   | 28                  |                         |          | 140                           | .29              | .41      |
| WISCONSIN                  | 73   | 57                  | 1                       |          | 151                           | .75              | .60      |
| WISCONSIN                  | 73   | 41                  |                         |          | 131                           | .115             | .83      |
| WISCONSIN                  | 73   | 169                 | 1                       |          | 159                           | .86              | .69      |
| WISCONSIN                  | 73   | 54                  |                         |          | 74                            | .69              | .53      |
| 240 SOUTHERN WISCONSIN     |      |                     |                         |          |                               |                  |          |
| WISCONSIN                  | 73   | 22                  | ** PRIORITY 2 **        |          | 71                            | *                | *        |
| WISCONSIN                  | 73   | 27                  |                         |          | 124                           | *                | *        |
| WISCONSIN                  | 73   | 64                  |                         |          | 138                           | .75              | .60      |
| WISCONSIN                  | 73   | 60                  |                         |          | 99                            | .86              | .60      |
| WISCONSIN                  | 73   | 58                  |                         |          | 127                           | .71              | .57      |
| WISCONSIN                  | 73   | 63                  |                         |          | 117                           | .89              | .63      |
| WISCONSIN                  | 73   | 65                  |                         |          | 104                           | .99              | .78      |
| WISCONSIN                  | 73   | 61                  |                         |          | 114                           | .71              | .57      |
| 241 CASPER (WYC)           |      |                     |                         |          |                               |                  |          |
| WYOMING                    | 73   | 29                  | ** PRIORITY 2 **        | 1        | 156                           | 1.06             | .85      |
| WYOMING                    | 73   | 55                  |                         | 3        | 221                           | .98              | .78      |
| WYOMING                    | 73   | 11                  |                         | 2        | 192                           | *                | *        |

Table A-1 (continued). SUSPENDED PARTICULATE DATA

METHOD: GRAVIMETRIC, 24-HOUR HI-VOLUME FILTER SAMPLE - 1110191

| AIR QUALITY CONTROL FACILITY | 242 METROPOLITAN CHEYENNE (MYC)      | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCL'D'G 24-HR STDS. SEC. | HIGHEST 24-HR VALUES UG/CU.M. 1ST 2ND | RATIOS TO       |               | AS OF JUNE 07, 1974 |
|------------------------------|--------------------------------------|------|---------------------|---|---------------------------------------|-----------------|---------------|---------------------|
|                              |                                      |      |                     |   |                                       | ANN. STDS. SEC. | MEAN UG/CU.M. |                     |
|                              |                                      |      | ** PRIORITY 2 **    |   |                                       |                 |               |                     |
| WYCMING                      | 52 J14JUL1 A01 CHEYENNE              | 73   | 8                   |   | 67                                    | 66              | *             | *                   |
| WYCMING                      | 52 0140001 F01 CHEYENNE              | 73   | 28                  |   | 117                                   | 112             | *             | *                   |
| WYCMING                      | 52 J400G05 F02 LARAMIE               | 73   | 60                  | 4   | 196                                   | 177             | 1.23          | .98                 |
| WYCMING                      | 52 0760001 F01 TORRINGTON            | 73   | 17                  |   | 44                                    | 30              | *             | *                   |
|                              |                                      |      | ** PRIORITY 3 **    |   |                                       |                 |               |                     |
| WYCMING                      | 52 J280001 F01 GILLETTE              | 73   | 19                  |   | 83                                    | 73              | *             | *                   |
| WYCMING                      | 52 0310C01 A03 GRAND TETCN NATL PARK | 73   | 30                  |   | 55                                    | 31              | .21           | .17                 |
| WYCMING                      | 52 0440C01 F01 LINCOLN COUNTY        | 73   | 32                  | 2   | 171                                   | 151             | *             | *                   |
| WYCMING                      | 52 0620001 F01 ROCK SPRINGS          | 73   | 50                  | 20  | 321                                   | 277             | 1.96          | 1.57                |
| WYCMING                      | 52 0760001 F01 SWEETWATER COUNTY     | 73   | 46                  |   | 114                                   | 109             | *             | *                   |
| WYCMING                      | 52 0860001 A03 YELLOWSTONE PARK      | 73   | 23                  |   | 24                                    | 23              | .15           | .12                 |
|                              |                                      |      | ** PRIORITY 1A **   |   |                                       |                 |               |                     |
| 244 PUERTO RICO              |                                      |      |                     |   |                                       |                 |               |                     |
| PUERTO RICO                  | 40 0380002 A01 BAYAMON               | 73   | 14                  | 2   | 202                                   | 173             | *             | *                   |
| PUERTO RICO                  | 40 0560C02 A01 CATANO                | 73   | 12                  | 2   | 222                                   | 210             | *             | *                   |
| PUERTO RICO                  | 40 1C80002 A01 GUAYANILLA            | 73   | 15                  |   | 113                                   | 93              | *             | *                   |
| PUERTO RICO                  | 40 1920002 A01 PEARCE                | 73   | 16                  |   | 137                                   | 124             | *             | *                   |
| PUERTO RICO                  | 40 2140001 A01 SAN JUAN              | 73   | 15                  | 2   | 198                                   | 179             | *             | *                   |
|                              |                                      |      | ** PRIORITY 3 **    |   |                                       |                 |               |                     |
| 246 GUAM                     |                                      |      |                     |   |                                       |                 |               |                     |
| GUAM                         | 54 0010002 F01 AGANA DIST            | 73   | 25                  | 12  | 252                                   | 229             | *             | *                   |
| GUAM                         | 54 0290001 F02 PITI DIST             | 73   | 18                  | 6   | 628                                   | 423             | *             | *                   |
| GUAM                         | 54 0390C01 F02 TAMLING               | 73   | 20                  | 6   | 343                                   | 251             | *             | *                   |
| GUAM                         | 54 0450001 F02 YIGO DIST             | 73   | 23                  | 6   | 339                                   | 334             | *             | *                   |
|                              |                                      |      | ** PRIORITY 1A **   |   |                                       |                 |               |                     |
| 247 U.S. VIRGIN ISLANDS      |                                      |      |                     |   |                                       |                 |               |                     |
| VIRGIN ISLANDS               | 55 0010002 F02 CHARLOTTE AMALIE      | 73   | 71                  | 11  | 316                                   | 240             | *             | *                   |
| VIRGIN ISLANDS               | 55 0010003 F01 CHARLOTTE AMALIE      | 73   | 83                  | 1   | 169                                   | 139             | *             | *                   |
| VIRGIN ISLANDS               | 55 0170002 F02 ST CROIX COUNTY       | 73   | 39                  | 1   | 207                                   | 118             | *             | *                   |

## B. SULFUR DIOXIDE

Data from 24-hour bubbler monitors, the reference method, are summarized in Table B-1; data from continuous SO<sub>2</sub> monitors are summarized in Table B-2, the format of which differs by the addition of a column for the 3-hour standard, and a column identifying the instrument method used at each station. All of the continuous instrument methods are candidate methods with approval pending. Since many agencies employ both types of equipment, both tables must be consulted in assessing details of an AQCR's SO<sub>2</sub> status.

On the line with each AQCR code and name is its priority classification. In each table the stations are listed by AQCR. Stations in interstate AQCR's are grouped according to their respective states. In the body of each table, each line represents a station, beginning with its state, station code, station name, and year - 1973. The next column, number of valid values, represents 24-hour samples in Table B-1, hourly measurements in Table B-2. The next column reports the number of values (or 24-hour averages, midnight to midnight, for continuous instruments) exceeding the 24-hour standard (365  $\mu\text{g}/\text{m}^3$ ). Both the first and second highest 24-hour values are reported for bubbler measurements (Table B-1); only the highest 24-hour average is reported for continuous instruments (Table B-2).

The remaining two columns of Table B-1 present the ratio of the annual arithmetic mean to the annual standard (80  $\mu\text{g}/\text{m}^3$ ) and the annual arithmetic mean itself, if four valid quarters have been reported.

Table B-2 contains an additional column reporting the number of times the running 3-hour average of the hourly SO<sub>2</sub> measurements exceeded the 3-hour standard (1300  $\mu\text{g}/\text{m}^3$ ), followed by the ratio of the annual arithmetic mean to the annual standard (80  $\mu\text{g}/\text{m}^3$ ) and the annual arithmetic mean. The final column identifies the code for the instrument method used at each station. These codes are elaborated in the table heading.

Stations appearing in these tables, but showing no entries in the annual summary columns, have reported valid data for at least one quarter but do not meet the yearly validity criterion for four valid quarters.

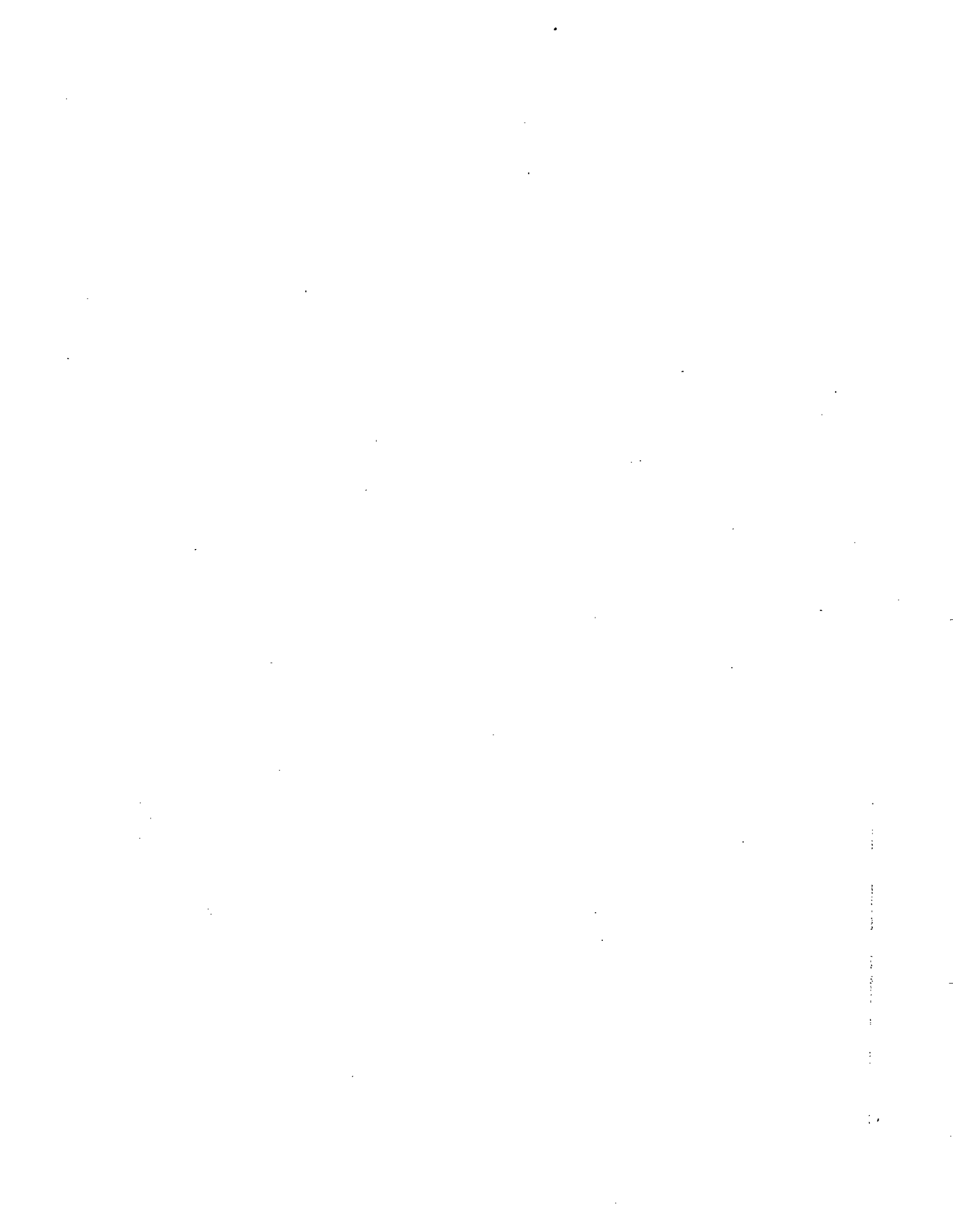


Table B-1. SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE(SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION                                  | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUE UG/CU.M. | AS OF JUNE 08, 1974 | ANN. STD UG/CU.M. | RATIO TO ANN. STD | AS OF JUNE 08, 1974 |
|---|------|---------------------|--|------------------------------|---------------------|-------------------|-------------------|---------------------|
|   |      |                     |  |                              |                     |                   |                   |                     |
| <b>002 COLUMBUS-PHENIX CITY (ALA-GA)</b>                    |      |                     |  |                              |                     |                   |                   |                     |
| ALABAMA   | 73   | 26                  | ** PRIORITY 3 **                       | 11                           | 11                  | .08               | 7                 |                     |
| GEORGIA   | 73   | 25                  |  | 26                           | 19                  | .10               | 8                 |                     |
| <b>004 METROPOLITAN BIRMINGHAM (ALA)</b>                    |      |                     |  |                              |                     |                   |                   |                     |
| ALABAMA   | 73   | 210                 | ** PRIORITY 2 **                       | 44                           | 23                  | .07               | 6                 |                     |
| ALABAMA   | 73   | 27                  |  | 25                           | 20                  | .11               | 9                 |                     |
| ALABAMA   | 73   | 21                  |  | 123                          | 81                  | *                 | *                 |                     |
| ALABAMA   | 73   | 305                 | 1                                      | 584                          | 104                 | .23               | 19                |                     |
| ALABAMA   | 73   | 272                 |  | 154                          | 99                  | .17               | 14                |                     |
| ALABAMA   | 73   | 277                 |  | 154                          | 149                 | .39               | 31                |                     |
| ALABAMA   | 73   | 49                  |  | 55                           | 26                  | .14               | 11                |                     |
| <b>005 MOBILE-PENSACOLA-PANAMA CITY-S.MISS. (ALA-FLA-M)</b> |      |                     |  |                              |                     |                   |                   |                     |
| ALABAMA   | 73   | 22                  | ** PRIORITY 1 **                       | 16                           | 16                  | *                 | *                 |                     |
| MISSISSIPPI   | 73   | 13                  |  | 13                           | 2                   | *                 | *                 |                     |
| MISSISSIPPI   | 73   | 27                  |  | 12                           | 11                  | .08               | 7                 |                     |
| MISSISSIPPI   | 73   | 26                  |  | 33                           | 21                  | *                 | *                 |                     |
| MISSISSIPPI   | 73   | 25                  |  | 33                           | 16                  | *                 | *                 |                     |
| MISSISSIPPI   | 73   | 27                  |  | 19                           | 17                  | *                 | *                 |                     |
| MISSISSIPPI   | 73   | 25                  |  | 29                           | 19                  | .11               | 8                 |                     |
| MISSISSIPPI   | 73   | 12                  |  | 135                          | 15                  | *                 | *                 |                     |
| MISSISSIPPI   | 73   | 11                  |  | 16                           | 16                  | *                 | *                 |                     |
| MISSISSIPPI   | 73   | 13                  |  | 43                           | 2                   | *                 | *                 |                     |
| MISSISSIPPI   | 73   | 27                  |  | 52                           | 21                  | *                 | *                 |                     |
| MISSISSIPPI   | 73   | 25                  |  | 34                           | 33                  | *                 | *                 |                     |
| MISSISSIPPI   | 73   | 12                  |  | 22                           | 17                  | *                 | *                 |                     |
| MISSISSIPPI   | 73   | 12                  |  | 80                           | 24                  | *                 | *                 |                     |
| MISSISSIPPI   | 73   | 27                  |  | 28                           | 7                   | *                 | *                 |                     |
| <b>007 TENN. RIVER VALLEY-CUMBERLAND MTS (ALA-TENN)</b>     |      |                     |  |                              |                     |                   |                   |                     |
| ALABAMA   | 73   | 12                  | ** PRIORITY 1 **                       | 157                          | 52                  | *                 | *                 |                     |
| ALABAMA   | 73   | 13                  |  | 2                            | 2                   | *                 | *                 |                     |
| ALABAMA   | 73   | 16                  |  | 7                            | 7                   | *                 | *                 |                     |
| TENNESSEE   | 73   | 19                  |  | 15                           | 15                  | *                 | *                 |                     |
| TENNESSEE   | 73   | 27                  |  | 20                           | 7                   | *                 | *                 |                     |
| TENNESSEE   | 73   | 30                  |  | 15                           | 13                  | *                 | *                 |                     |
| <b>011 SOUTHEASTERN ALASKA</b>                              |      |                     |  |                              |                     |                   |                   |                     |
| ALASKA  | 73   | 36                  | ** PRIORITY 1A **                      | 69                           | 47                  | *                 | *                 |                     |
| ALASKA  | 73   | 38                  |  | 135                          | 40                  | *                 | *                 |                     |
| ALASKA  | 73   | 35                  |  | 43                           | 30                  | *                 | *                 |                     |
| ALASKA  | 73   | 36                  |  | 167                          | 76                  | *                 | *                 |                     |

Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE (SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION  | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST UG/CU.M. 24-HR VALJES | ANN. STD UG/CU.M. | FATIO TO AR. ME. | A N N U A L |
|---|------|---------------------|--|-------------------------------|-------------------|------------------|-------------|
|   |      |                     |  |                               |                   |                  |             |
| 012 ARIZONA-NEW MEXICO SOUTHERN BORDER (ARIZ.-N.M.) ** PRIORITY 1A ** AS OF JUNE 08, 1974 |      |                     |  |                               |                   |                  |             |
| NEW MEXICO  | 73   | 58                  | 7                                      | 345                           | 133               | .23              | 18          |
| NEW MEXICO  | 73   | 47                  |  | 15                            | 2                 | .04              | 3           |
| NEW MEXICO  | 73   | 55                  |  | 1,294                         | 1,032             | 1.71             | 137         |
| NEW MEXICO  | 73   | 45                  |  | 62                            | 28                | .06              | 4           |
| NEW MEXICO  | 73   | 34                  |  | 18                            | 2                 | *                |             |
| NEW MEXICO  | 73   | 12                  |  | 28                            | 2                 | *                |             |
| NEW MEXICO  | 73   | 35                  |  | 20                            | 5                 | *                |             |
| NEW MEXICO  | 73   | 42                  |  | 13                            | 2                 | .04              | 3           |
| NEW MEXICO  | 73   | 41                  |  | 7                             | 2                 | .03              | 3           |
| NEW MEXICO  | 73   | 56                  |  | 49                            | 26                | .07              | 5           |
| 013 CLARK-MOHAVE (ARIZ.-NEV) ** PRIORITY 1A ** AS OF JUNE 08, 1974                        |      |                     |  |                               |                   |                  |             |
| ARIZONA   | 73   | 58                  |  | 10                            | 2                 | .03              | 3           |
| 014 FOUR CORNERS (ARIZ.-COLD-N.M.-UTAH) ** PRIORITY 1A ** AS OF JUNE 08, 1974             |      |                     |  |                               |                   |                  |             |
| ARIZONA   | 73   | 58                  |  | 2                             | 2                 | .03              | 2           |
| NEW MEXICO  | 73   | 13                  |  | 9                             | 9                 | *                |             |
| NEW MEXICO  | 73   | 9                   |  | 2                             | 2                 | *                |             |
| NEW MEXICO  | 73   | 15                  |  | 2                             | 2                 | *                |             |
| NEW MEXICO  | 73   | 7                   |  | 10                            | 2                 | *                |             |
| NEW MEXICO  | 73   | 7                   |  | 18                            | 10                | *                |             |
| NEW MEXICO  | 73   | 12                  |  | 5                             | 2                 | *                |             |
| 015 PHOENIX-TUCSON (ARIZ) ** PRIORITY 1 ** AS OF JUNE 08, 1974                            |      |                     |  |                               |                   |                  |             |
| ARIZONA   | 73   | 18                  |  | 90                            | 24                | *                |             |
| ARIZONA   | 73   | 16                  |  | 168                           | 92                | *                |             |
| ARIZONA   | 73   | 19                  |  | 18                            | 13                | *                |             |
| 016 CENTRAL ARKANSAS ** PRIORITY 3 ** AS OF JUNE 08, 1974                                 |      |                     |  |                               |                   |                  |             |
| ARKANSAS  | 73   | 11                  |  | 12                            | 9                 | *                |             |
| ARKANSAS  | 73   | 41                  |  | 246                           | 122               | *                |             |
| 017 METROPOLITAN FORT SMITH (ARK.-OKLA) ** PRIORITY 3 ** AS OF JUNE 08, 1974              |      |                     |  |                               |                   |                  |             |
| ARKANSAS  | 73   | 40                  |  | 62                            | 25                | *                |             |
| OKLAHOMA  | 73   | 24                  |  | 10                            | 9                 | .08              | 6           |
| OKLAHOMA  | 73   | 31                  |  | 17                            | 12                | *                |             |

Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE(SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION                       | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. | AS OF JUNE 08, 1974 |                      |
|--|------|---------------------|--|-------------------------------|---------------------|----------------------|
|  |      |                     |  |                               | ANN. STD            | RATIO TO ARITH. MEAN |
| 018 METROPOLITAN MEMPHIS (ARK-MISS-TENN)         |      |                     |  |                               |                     |                      |
|  |      | ** PRIORITY 3 **    |  |                               |                     |                      |
| ARKANSAS   | 73   | 41                  |  | 79                            | 59                  | *                    |
| ARKANSAS   | 73   | 40                  |  | 118                           | 76                  | *                    |
| ARKANSAS   | 73   | 40                  |  | 230                           | 56                  | *                    |
| TENNESSEE  | 73   | 21                  |  | 41                            | 38                  | *                    |
| TENNESSEE  | 73   | 28                  |  | 58                            | 36                  | *                    |
| TENNESSEE  | 73   | 20                  |  | 17                            | 15                  | *                    |
| TENNESSEE  | 73   | 29                  |  | 49                            | 32                  | *                    |
| TENNESSEE  | 73   | 28                  |  | 61                            | 61                  | *                    |
| TENNESSEE  | 73   | 28                  |  | 87                            | 24                  | *                    |
| 019 MONROE-EL DORADO (ARK-LA)                    |      |                     |  |                               |                     |                      |
| ARKANSAS   | 73   | 18                  | ** PRIORITY 3 **                       |                               |                     | AS OF JUNE 08, 1974  |
| ARKANSAS   | 73   | 39                  |  | 9                             | 9                   | *                    |
| LOUISIANA  | 73   | 53                  |  | 61                            | 60                  | *                    |
|  |      |                     |  | 11                            | 10                  | .04                  |
| 020 NORTHEAST ARKANSAS                           |      |                     |  |                               |                     |                      |
| ARKANSAS   | 73   | 39                  | ** PRIORITY 3 **                       |                               |                     | AS OF JUNE 08, 1974  |
| ARKANSAS   | 73   | 39                  |  | 83                            | 61                  | *                    |
| 021 NORTHWEST ARKANSAS                           |      |                     |  |                               |                     |                      |
| ARKANSAS   | 73   | 41                  | ** PRIORITY 3 **                       |                               |                     | AS OF JUNE 08, 1974  |
| ARKANSAS   | 73   | 41                  |  | 180                           | 20                  | *                    |
| 022 SHREVEPORT-TEXARKANA-TYLER (ARK-LA-OKLA-TEX) |      |                     |  |                               |                     |                      |
| ARKANSAS   | 73   | 40                  | ** PRIORITY 3 **                       |                               |                     | AS OF JUNE 08, 1974  |
| LOUISIANA  | 73   | 29                  |  | 8                             | 2                   | *                    |
| LOUISIANA  | 73   | 58                  |  | 15                            | 11                  | .09                  |
| OKLAHOMA   | 73   | 36                  |  | 25                            | 13                  | .05                  |
|  |      |                     |  | 12                            | 7                   | *                    |
| 024 METROPOLITAN LOS ANGELES (CALIF)             |      |                     |  |                               |                     |                      |
| CALIFORNIA                                       | 73   | 19                  | ** PRIORITY 2 **                       |                               |                     | AS OF JUNE 08, 1974  |
| CALIFORNIA                                       | 73   | 20                  |  | 32                            | 24                  | *                    |
| CALIFORNIA                                       | 73   | 22                  |  | 16                            | 13                  | *                    |
| CALIFORNIA                                       | 73   | 20                  |  | 169                           | 84                  | *                    |
| CALIFORNIA                                       | 73   | 17                  |  | 40                            | 34                  | *                    |
| CALIFORNIA                                       | 73   | 17                  |  | 15                            | 14                  | *                    |
| CALIFORNIA                                       | 73   | 17                  |  | 10                            | 10                  | *                    |
| CALIFORNIA                                       | 73   | 19                  |  | 22                            | 20                  | *                    |
| CALIFORNIA                                       | 73   | 18                  |  | 53                            | 39                  | *                    |

Table B-1 (continued) - SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE (SULFAMIC ACID), 24-HOUR BUBBLEP - 4240191

| AIR QUALITY CONTROL REGION                     | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALJES UG/CU.M. 1ST 2ND | AS OF JUNE 08, 1974 | A N N U A L RATIO TO ARITH. ANN. STD UG/CU.M. |
|--|------|---------------------|--|---------------------------------------|---------------------|---|
|  |      |                     |  |                                       |                     |   |
| 028 SACRAMENTO VALLEY (CALIF)                  |      |                     |  |                                       |                     |   |
| CALIFORNIA                                     | 73   | 18                  |  | 9                                     | 9                   | *   |
| 029 SAN DIEGO (CALIF)                          |      |                     |  |                                       |                     |   |
| CALIFORNIA                                     | 73   | 23                  |  | 17                                    | 17                  | *   |
| 030 SAN FRANCISCO BAY AREA (CALIF)             |      |                     |  |                                       |                     |   |
| CALIFORNIA                                     | 73   | 13                  |  | 17                                    | 12                  | *   |
| CALIFORNIA                                     | 73   | 16                  |  | 13                                    | 10                  | *   |
| CALIFORNIA                                     | 73   | 22                  |  | 18                                    | 12                  | *   |
| CALIFORNIA                                     | 73   | 14                  |  | 11                                    | 10                  | *   |
| 031 SAN JOAQUIN VALLEY (CALIF)                 |      |                     |  |                                       |                     |   |
| CALIFORNIA                                     | 73   | 17                  |  | 13                                    | 9                   | *   |
| 036 METROPOLITAN DENVER (COLO)                 |      |                     |  |                                       |                     |   |
| COLORADO                                       | 73   | 12                  |  | 54                                    | 30                  | *   |
| COLORADO                                       | 73   | 19                  |  | 77                                    | 53                  | *   |
| 041 EASTERN CONNECTICUT                        |      |                     |  |                                       |                     |   |
| CONNECTICUT                                    | 73   | 19                  |  |                                       |                     | *   |
| CONNECTICUT                                    | 73   | 20                  |  |                                       |                     | *   |
| CONNECTICUT                                    | 73   | 10                  |  |                                       |                     | *   |
| CONNECTICUT                                    | 73   | 19                  |  |                                       |                     | *   |
| CONNECTICUT                                    | 73   | 17                  |  |                                       |                     | *   |
| CONNECTICUT                                    | 73   | 9                   |  |                                       |                     | *   |
| CONNECTICUT                                    | 73   | 13                  |  |                                       |                     | *   |
| 042 HARTFORD-NEW HAVEN-SPRINGFIELD (CONN-MASS) |      |                     |  |                                       |                     |   |
| CONNECTICUT                                    | 73   | 21                  |  |                                       |                     | *   |
| CONNECTICUT                                    | 73   | 9                   |  |                                       |                     | *   |
| CONNECTICUT                                    | 73   | 5                   |  |                                       |                     | *   |
| CONNECTICUT                                    | 73   | 12                  |  |                                       |                     | *   |
| CONNECTICUT                                    | 73   | 10                  |  |                                       |                     | *   |
| CONNECTICUT                                    | 73   | 17                  |  | 33                                    | 9                   | *   |
| CONNECTICUT                                    | 73   | 10                  |  | 116                                   | 83                  | *   |
| MASSACHUSETTS                                  | 73   | 55                  |  | 115                                   | 104                 | *   |
| MASSACHUSETTS                                  | 73   | 54                  |  | 120                                   | 89                  | *   |
| MASSACHUSETTS                                  | 73   | 50                  |  | 70                                    | 65                  | *   |
| MASSACHUSETTS                                  | 73   | 55                  |  | 222                                   | 83                  | *   |
| MASSACHUSETTS                                  | 73   | 6                   |  | 54                                    | 42                  | *   |



Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEKFF(SULFAMIC ACID), 24-HOUR HUBALER - 4240191

| AIR QUALITY CONTROL REGION                      | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUE UG/CU-M. | AS OF JUNE 08, 1974 | ANNUAL RATIO TO ANM. STD UG/CU-M. |
|---|---------------------|--|------------------------------|---------------------|-----------------------------------|
| 042 HARTFORD-NEW HAVEN-SPRINGFIELD. (CONTINUED) |                     |  |                              |                     |                                   |
| MASSACHUSETTS 22 216002 F01 SPRINGFIELD         | 9                   |  | 15                           |                     | *                                 |
| MASSACHUSETTS 22 216003 F01 SPRINGFIELD         | 51                  |  | 130                          |                     | *                                 |
| MASSACHUSETTS 22 216005 F01 SPRINGFIELD         | 54                  |  | 123                          |                     | *                                 |
| 043 NEW JERSEY-NEW YORK-CONNECTICUT             | ** PRIORITY 1 **    |  |                              |                     |                                   |
| CONNECTICUT 07 006001 A01 BRIDGEPORT            | 8                   |  | 95                           | 87                  | *                                 |
| CONNECTICUT 07 006003 F01 BRIDGEPORT            | 21                  |  |                              |                     | *                                 |
| CONNECTICUT 07 033001 F01 GREENWICH             | 21                  |  |                              |                     | *                                 |
| CONNECTICUT 07 033004 F01 GREENWICH             | 16                  |  |                              |                     | *                                 |
| CONNECTICUT 07 082005 F01 NORWALK               | 23                  |  |                              |                     | *                                 |
| CONNECTICUT 07 108003 F01 STAMFORD              | 17                  |  |                              |                     | *                                 |
| CONNECTICUT 07 111005 F01 STAMFORD              | 16                  |  |                              |                     | *                                 |
| NEW JERSEY 31 130002 A01 ELIZABETH              | 21                  |  | 41                           |                     | *                                 |
| NEW JERSEY 31 232001 A01 JERSEY CITY            | 18                  |  | 67                           | 38                  | *                                 |
| NEW JERSEY 31 348001 A01 NEWARK                 | 21                  |  | 22                           | 17                  | *                                 |
| NEW JERSEY 31 414001 A01 PATERSON               | 21                  |  | 9                            | 8                   | *                                 |
| NEW YORK 33 230002 F01 FREEPORT (V)             | 6                   |  | 49                           | 18                  | *                                 |
| NEW YORK 33 236001 F01 GARDEN CITY              | 14                  |  | 70                           | 55                  | *                                 |
| NEW YORK 33 246001 F01 GLEN COVE                | 16                  |  | 89                           | 62                  | *                                 |
| NEW YORK 33 287001 F01 HAUPPAUGE                | 27                  |  | 70                           | 60                  | *                                 |
| NEW YORK 33 290001 F01 HEMPSTEAD                | 14                  |  | 31                           | 26                  | *                                 |
| NEW YORK 33 290003 F01 HEMPSTEAD                | 13                  |  | 57                           | 49                  | *                                 |
| NEW YORK 33 290004 F01 HEMPSTEAD                | 8                   |  | 47                           | 39                  | *                                 |
| NEW YORK 33 290007 F01 HEMPSTEAD                | 15                  |  | 44                           | 44                  | *                                 |
| NEW YORK 33 348001 F01 KINGS POINT              | 10                  |  | 62                           | 52                  | *                                 |
| NEW YORK 33 410001 F01 MAMARONECK               | 50                  |  | 110                          | 86                  | *.37                              |
| NEW YORK 33 452002 F01 NASSAU COUNTY            | 14                  |  | 55                           | 34                  | *                                 |
| NEW YORK 33 452005 F01 NASSAU COUNTY            | 15                  |  | 34                           | 28                  | *                                 |
| NEW YORK 33 452006 F01 NASSAU COUNTY            | 16                  |  | 34                           | 31                  | *                                 |
| NEW YORK 33 468001 A01 NEW YORK CITY            | 22                  |  | 134                          | 74                  | *                                 |
| NEW YORK 33 552001 F01 PORT CHESTER             | 54                  |  | 86                           | 81                  | *.33                              |
| NEW YORK 33 580001 F01 ROCKVILLE CTR            | 15                  |  | 34                           | 34                  | *                                 |
| NEW YORK 33 6580012 F01 SUFFOLK COUNTY          | 22                  |  | 36                           | 26                  | *                                 |
| NEW YORK 33 6580032 F01 SUFFOLK COUNTY          | 23                  |  | 26                           | 15                  | *                                 |
| NEW YORK 33 732003 F01 WESTCHESTER COUNTY       | 52                  |  | 70                           | 55                  | *.26                              |
| NEW YORK 33 732005 F01 WESTCHESTER COUNTY       | 52                  |  | 68                           | 52                  | *.21                              |
| NEW YORK 33 732006 F01 WESTCHESTER COUNTY       | 52                  |  | 65                           | 55                  | *.31                              |
| NEW YORK 33 740001 F01 WEST HAVERSTRAH          | 44                  |  | 44                           | 39                  | *.15                              |
| NEW YORK 33 748001 F01 WHITE PLAINS             | 54                  |  | 83                           | 75                  | *.38                              |
| 044 NORTHWESTERN CONNECTICUT                    | ** PRIORITY 3 **    |  |                              |                     |                                   |
| CONNECTICUT 07 0475001 F03 LITCHFIELD           | 14                  |  |                              |                     | *                                 |
| CONNECTICUT 07 1160001 F01 TORRINGTON           | 16                  |  | 30                           | 18                  | *                                 |
| CONNECTICUT 07 1240001 A01 WATERBURY            | 8                   |  | 35                           | 12                  | *                                 |

Table B-1 (continued) . SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE(SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION                         | ID                                    | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D.G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST 2ND | AS OF JUNE 08, 1974 |                      |    |
|--|---------------------------------------|------|---------------------|--|---------------------------------------|---------------------|----------------------|----|
|  |                                       |      |                     |  |                                       | RATIO TO ANN. STD   | ARTIF. MEAN UG/CU.M. |    |
| <b>045 METROPOLITAN PHILADELPHIA (DEL-N.J.-PA)</b> |                                       |      |                     |  |                                       |                     |                      |    |
| DELAWARE   | 08 0140001 A01 NEWARK                 | 73   | 28                  |  | 50                                    | 43                  | -16                  | 13 |
| DELAWARE   | 08 0260003 A01 WILMINGTON             | 73   | 26                  |  | 113                                   | 103                 | .35                  | 28 |
| NEW JERSEY   | 31 0720001 A01 CAMDEN                 | 73   | 22                  |  | 83                                    | 79                  | *                    | *  |
| NEW JERSEY   | 31 0740002 A01 CAMDEN COUNTY          | 73   | 19                  |  | 127                                   | 62                  | *                    | *  |
| NEW JERSEY   | 31 1700001 A01 GLASSBORO              | 73   | 21                  |  | 99                                    | 35                  | *                    | *  |
| NEW JERSEY   | 31 5400001 A01 TRENTON                | 73   | 19                  |  | 72                                    | 38                  | *                    | *  |
| PENNSYLVANIA                                       | 39 7140001 A01 PHILADELPHIA           | 73   | 29                  |  | 221                                   | 206                 | .58                  | 46 |
| PENNSYLVANIA                                       | 39 7140002 A01 PHILADELPHIA           | 73   | 11                  |  | 54                                    | 25                  | *                    | *  |
| PENNSYLVANIA                                       | 39 9160001 A01 MARLINSYSTER           | 73   | 13                  |  | 41                                    | 33                  | *                    | *  |
| PENNSYLVANIA                                       | 39 9280001 A01 WEST CHESTER           | 73   | 22                  |  | 89                                    | 67                  | *                    | *  |
| <b>046 SOUTHERN DELAWARE</b>                       |                                       |      |                     |  |                                       |                     |                      |    |
| DELAWARE   | 08 0050001 A03 KENT COUNTY            | 73   | 24                  |  | 86                                    | 18                  | *                    | *  |
| <b>047 NATIONAL CAPITAL (D.C.-MD-VA)</b>           |                                       |      |                     |  |                                       |                     |                      |    |
| DIST COLUMBIA                                      | 09 0020001 A01 WASHINGTON             | 73   | 18                  |  | 133                                   | 83                  | *                    | *  |
| DIST COLUMBIA                                      | 09 0020003 A01 WASHINGTON             | 73   | 10                  |  | 26                                    | 22                  | *                    | *  |
| MARYLAND   | 21 0200004 F01 BETHESDA               | 73   | 42                  |  | 18                                    | 17                  | *                    | *  |
| MARYLAND   | 21 0480001 G01 CHEVERLY MD            | 73   | 44                  |  | 72                                    | 50                  | *                    | *  |
| MARYLAND   | 21 0780003 G01 GAITHERSBURG           | 73   | 44                  |  | 104                                   | 69                  | *                    | *  |
| MARYLAND   | 21 1160010 F01 MONTGOMERY COUNTY      | 73   | 41                  |  | 18                                    | 16                  | *                    | *  |
| MARYLAND   | 21 1300001 G01 PRINCE GEORGE'S COUNTY | 73   | 42                  |  | 38                                    | 14                  | *                    | *  |
| MARYLAND   | 21 1300012 G01 PRINCE GEORGE'S COUNTY | 73   | 41                  |  | 11                                    | 10                  | *                    | *  |
| MARYLAND   | 21 1300018 G01 PRINCE GEORGE'S COUNTY | 73   | 40                  |  | 61                                    | 32                  | *                    | *  |
| MARYLAND   | 21 1300019 G01 PRINCE GEORGE'S COUNTY | 73   | 43                  |  | 80                                    | 68                  | *                    | *  |
| MARYLAND   | 21 1300021 G01 PRINCE GEORGE'S COUNTY | 73   | 44                  |  | 202                                   | 60                  | *                    | *  |
| MARYLAND   | 21 1300022 G01 PRINCE GEORGE'S COUNTY | 73   | 44                  |  | 50                                    | 28                  | *                    | *  |
| MARYLAND   | 21 1380002 G01 ROCKVILLE              | 73   | 45                  |  | 47                                    | 46                  | *                    | *  |
| MARYLAND   | 21 1480003 F01 SILVER SPRING          | 73   | 42                  |  | 51                                    | 28                  | *                    | *  |
| MARYLAND   | 21 1480005 G01 SILVER SPRING          | 73   | 43                  |  | 38                                    | 29                  | *                    | *  |
| MARYLAND   | 21 1480007 G01 SILVER SPRING          | 73   | 42                  |  | 50                                    | 42                  | *                    | *  |
| VIRGINIA   | 48 0080012 H01 ALEXANDRIA             | 73   | 31                  |  | 83                                    | 60                  | *                    | *  |
| VIRGINIA   | 48 0200003 G02 ARLINGTON COUNTY       | 73   | 18                  |  | 78                                    | 70                  | *                    | *  |
| VIRGINIA   | 48 0200008 G02 ARLINGTON COUNTY       | 73   | 6                   |  | 89                                    | 09                  | *                    | *  |
| VIRGINIA   | 48 0200012 G01 ARLINGTON COUNTY       | 73   | 28                  |  | 89                                    | 78                  | *                    | *  |
| VIRGINIA   | 48 1080001 F01 FALLS CHURCH           | 73   | 10                  |  | 41                                    | 28                  | *                    | *  |
| VIRGINIA   | 48 1720002 G01 LEESBURG               | 73   | 22                  |  | 31                                    | 28                  | *                    | *  |
| VIRGINIA   | 48 1720003 G01 LEESBURG               | 73   | 13                  |  | 52                                    | 23                  | *                    | *  |
| VIRGINIA   | 48 1880001 F01 MANASSAS               | 73   | 30                  |  | 26                                    | 23                  | *                    | *  |
| VIRGINIA   | 48 2520006 F01 PRINCE WILLIAM COUNTY  | 73   | 34                  |  | 44                                    | 28                  | *                    | *  |
| VIRGINIA   | 48 3450001 F01 WOODBRIDGE             | 73   | 36                  |  | 39                                    | 34                  | *                    | *  |

Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE(SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION          | YEAR                          | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUE UG/CU.M. | ANNUAL RATIO TO MEAN UG/CU.M. |     |
|-------------------------------------|-------------------------------|---------------------|--|------------------------------|-------------------------------|-----|
|                                     |                               |                     |  |                              | 1ST                           | 2ND |
| 048 CENTRAL FLORIDA                 |                               |                     |  |                              |                               |     |
| FLORIDA                             | 10 4040G01 F03 SANFORD        | 73                  | 14                                     | 100                          | 7                             | *   |
| 049 JACKSONVILLE-BRUNSWICK (FLA-GA) |                               |                     |  |                              |                               |     |
| FLORIDA                             | 10 1960002 A01 JACKSONVILLE   | 73                  | 28                                     | 41                           | 39                            | .16 |
| FLORIDA                             | 10 1960004 H01 JACKSONVILLE   | 73                  | 44                                     | 1,304                        | 581                           | *   |
| FLORIDA                             | 10 1960017 H01 JACKSONVILLE   | 73                  | 28                                     | 445                          | 149                           | *   |
| FLORIDA                             | 10 1960031 H01 JACKSONVILLE   | 73                  | 29                                     | 162                          | 133                           | *   |
| FLORIDA                             | 10 1960032 H01 JACKSONVILLE   | 73                  | 30                                     | 175                          | 175                           | *   |
| FLORIDA                             | 10 1960033 H01 JACKSONVILLE   | 73                  | 31                                     | 408                          | 408                           | *   |
| FLORIDA                             | 10 1960038 H01 JACKSONVILLE   | 73                  | 26                                     | 1,011                        | 636                           | *   |
| FLORIDA                             | 10 1960040 H01 JACKSONVILLE   | 73                  | 35                                     | 75                           | 75                            | *   |
| FLORIDA                             | 10 1960045 H01 JACKSONVILLE   | 73                  | 35                                     | 191                          | 191                           | *   |
| FLORIDA                             | 10 1960049 H01 JACKSONVILLE   | 73                  | 21                                     | 290                          | 290                           | *   |
| GEORGIA                             | 11 0600001 F01 BRUNSWICK      | 73                  | 25                                     | 44                           | 31                            | -12 |
| 050 SOUTHEAST FLORIDA               |                               |                     |  |                              |                               |     |
| FLORIDA                             | 10 2700002 A01 MIAMI          | 73                  | 27                                     | 10                           | 9                             | -08 |
| 052 WEST CENTRAL FLORIDA            |                               |                     |  |                              |                               |     |
| FLORIDA                             | 10 0320002 G02 BRADENTON      | 73                  | 19                                     | 2                            | 2                             | *   |
| FLORIDA                             | 10 1680001 A03 HARDEE COUNTY  | 73                  | 12                                     | 11                           | 11                            | *   |
| FLORIDA                             | 10 2540003 G02 MANATEE COUNTY | 73                  | 22                                     | 51                           | 21                            | *   |
| FLORIDA                             | 10 2540005 G02 MANATEE COUNTY | 73                  | 36                                     | 31                           | 27                            | *   |
| FLORIDA                             | 10 2540008 G02 MANATEE COUNTY | 73                  | 37                                     | 66                           | 66                            | *   |
| FLORIDA                             | 10 2540011 G02 MANATEE COUNTY | 73                  | 35                                     | 33                           | 22                            | *   |
| FLORIDA                             | 10 2540012 G02 MANATEE COUNTY | 73                  | 36                                     | 58                           | 58                            | *   |
| FLORIDA                             | 10 2540013 G02 MANATEE COUNTY | 73                  | 33                                     | 40                           | 23                            | *   |
| FLORIDA                             | 10 2860001 F01 MULBERRY       | 73                  | 21                                     | 75                           | 53                            | *   |
| FLORIDA                             | 10 3440001 G02 PALMETTO       | 73                  | 36                                     | 55                           | 23                            | *   |
| FLORIDA                             | 10 3980002 A01 ST PETERSBURG  | 73                  | 29                                     | 123                          | 64                            | -28 |
| FLORIDA                             | 10 4360002 A01 TAMPA          | 73                  | 13                                     | 125                          | 71                            | *   |
| 053 AUGUSTA-AIKEN (GA-S.C.)         |                               |                     |  |                              |                               |     |
| GEORGIA                             | 11 0220001 F01 AUGUSTA        | 73                  | 28                                     | 44                           | 18                            | -09 |
| GEORGIA                             | 11 2280001 F01 GAINESVILLE    | 73                  | 28                                     | 20                           | 20                            | .10 |
| SOUTH CAROLINA                      | 42 0060001 F01 AIKEN          | 73                  | 56                                     | 52                           | 44                            | .08 |
| SOUTH CAROLINA                      | 42 0080001 F01 AIKEN COUNTY   | 73                  | 56                                     | 126                          | 94                            | .24 |
| SOUTH CAROLINA                      | 42 1800001 F01 NORTH AUGUSTA  | 73                  | 61                                     | 307                          | 51                            | -14 |
| SOUTH CAROLINA                      | 42 1840001 F01 ORANGEBURG     | 73                  | 61                                     | 42                           | 8                             | .05 |

Table B-1 (continued) . SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE(SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION             | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST UG/CU.M. 1ST 2ND | RATIO TO ANN. STD | A N N U A L RATIO TO ANN. STD | AS OF JUNE 08, 1974 |
|--|------|---------------------|--|--------------------------|-------------------|-------------------------------|---------------------|
|  |      |                     |  |                          |                   |                               |                     |
| <b>054 CENTRAL GEORGIA</b>             |      |                     |  |                          |                   |                               |                     |
| GEORGIA                                | 73   | 25                  |  | 23                       | 18                | .10                           | 9                   |
| GEORGIA                                | 73   | 30                  |  | 15                       | 13                | .08                           | 7                   |
| <b>055 CHATTANOOGA (GA-TENN)</b>       |      |                     |  |                          |                   |                               |                     |
| GEORGIA                                | 73   | 26                  |  | 36                       | 28                | .19                           | 15                  |
| GEORGIA                                | 73   | 30                  |  | 44                       | 23                | .11                           | 9                   |
| TENNESSEE                              | 73   | 19                  |  | 12                       | 12                | *                             |                     |
| TENNESSEE                              | 73   | 10                  |  | 12                       | 12                | *                             |                     |
| TENNESSEE                              | 73   | 18                  |  | 12                       | 12                | *                             |                     |
| TENNESSEE                              | 73   | 20                  |  | 12                       | 12                | *                             |                     |
| TENNESSEE                              | 73   | 20                  |  | 12                       | 12                | *                             |                     |
| TENNESSEE                              | 73   | 15                  |  | 12                       | 12                | *                             |                     |
| TENNESSEE                              | 73   | 20                  |  | 12                       | 12                | *                             |                     |
| TENNESSEE                              | 73   | 119                 |  | 14                       | 13                | *                             |                     |
| TENNESSEE                              | 73   | 20                  |  | 12                       | 12                | *                             |                     |
| TENNESSEE                              | 73   | 20                  |  | 12                       | 12                | *                             |                     |
| <b>056 METROPOLITAN ATLANTA (GA)</b>   |      |                     |  |                          |                   |                               |                     |
| GEORGIA                                | 73   | 30                  |  | 151                      | 146               | .32                           | 26                  |
| GEORGIA                                | 73   | 21                  |  | 124                      | 59                | *                             |                     |
| GEORGIA                                | 73   | 16                  |  | 56                       | 37                | *                             |                     |
| GEORGIA                                | 73   | 15                  |  | 147                      | 109               | *                             |                     |
| GEORGIA                                | 73   | 12                  |  | 142                      | 56                | *                             |                     |
| GEORGIA                                | 73   | 13                  |  | 69                       | 43                | *                             |                     |
| GEORGIA                                | 73   | 13                  |  | 70                       | 57                | *                             |                     |
| GEORGIA                                | 73   | 13                  |  | 62                       | 36                | *                             |                     |
| <b>058 SAVANNAH-BEAUFORT (GA-S.C.)</b> |      |                     |  |                          |                   |                               |                     |
| GEORGIA                                | 73   | 25                  |  | 107                      | 67                | *                             |                     |
| GEORGIA                                | 73   | 19                  |  | 55                       | 26                | *                             |                     |
| GEORGIA                                | 73   | 17                  |  | 36                       | 23                | *                             |                     |
| GEORGIA                                | 73   | 23                  |  | 41                       | 39                | *                             |                     |
| GEORGIA                                | 73   | 23                  |  | 23                       | 13                | *                             |                     |
| SOUTH CAROLINA                         | 73   | 62                  |  | 24                       | 20                | .05                           | 4                   |
| SOUTH CAROLINA                         | 73   | 61                  |  | 26                       | 23                | .05                           | 4                   |
| SOUTH CAROLINA                         | 73   | 27                  |  | 29                       | 16                | *                             |                     |
| <b>059 SOUTHWEST GEORGIA</b>           |      |                     |  |                          |                   |                               |                     |
| GEORGIA                                | 73   | 27                  |  | 13                       | 13                | .08                           | 6                   |
| GEORGIA                                | 73   | 24                  |  | 34                       | 23                | *                             |                     |

Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE (SULFAMIC ACID), 24-HOUR 0.8BBLER - 4240191

| 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. | AS OF JUNE 08, 1974 |               |
|---|-----------|---------------------|--|-------------------------------|---------------------|---------------|
|   |           |                     |  |                               | ANN. STD            | MEAN UG/CU.M. |
| ** PRIORITY 3 **                                |           |                     |  |                               |                     |               |
| HAWAII  | 73        | 95                  |  | 2                             |                     |               |
| HAWAII  | 73        | 14                  |  | 10                            |                     | -03           |
| HAWAII  | 73        | 9                   |  | 10                            |                     | *             |
| HAWAII  | 73        | 9                   |  | 10                            |                     | *             |
| HAWAII  | 73        | 63                  |  | 2                             |                     | .03           |
| HAWAII  | 73        | 21                  |  | 51                            |                     | *             |
| HAWAII  | 73        | 82                  |  | 21                            |                     | *             |
| HAWAII  | 73        | 97                  |  | 2                             |                     | .03           |
| HAWAII  | 73        | 97                  |  | 2                             |                     | .03           |
| HAWAII  | 73        | 91                  |  | 49                            |                     | .08           |
| HAWAII  | 73        | 27                  |  | 2                             |                     | *             |
| HAWAII  | 73        | 95                  |  | 2                             |                     | .03           |
| ** PRIORITY 1A **                               |           |                     |  |                               |                     |               |
| 2 EASTERN WASHINGTON-NORTHERN IDAHO (IDAHO-WAS) | 73        | 21                  |  | 30                            |                     | *             |
| WASHINGTON                                      | 73        | 21                  |  | 165                           |                     | *             |
| ** PRIORITY 1 **                                |           |                     |  |                               |                     |               |
| 5 BURLINGTON-KEOKUK (ILL-IOWA)                  | 73        | 17                  |  | 111                           |                     | *             |
| ILLINOIS  | 73        | 26                  |  | 102                           |                     | *             |
| ** PRIORITY 1 **                                |           |                     |  |                               |                     |               |
| METROPOLITAN CHICAGO (ILL-IND)                  | 73        | 146                 |  | 192                           |                     | -20           |
| INDIANA   | 73        | 146                 |  | 188                           |                     | -31           |
| INDIANA   | 73        | 20                  |  | 92                            |                     | *             |
| ILLINOIS  | 73        | 15                  |  | 167                           |                     | *             |
| ILLINOIS  | 73        | 87                  |  | 159                           |                     | .40           |
| ILLINOIS  | 73        | 85                  |  | 241                           |                     | .62           |
| ILLINOIS  | 73        | 59                  |  | 214                           |                     | 1.02          |
| ILLINOIS  | 73        | 88                  |  | 188                           |                     | .61           |
| ILLINOIS  | 73        | 87                  |  | 125                           |                     | .41           |
| ILLINOIS  | 73        | 85                  |  | 277                           |                     | .66           |
| ILLINOIS  | 73        | 85                  |  | 186                           |                     | .56           |
| ILLINOIS  | 73        | 58                  |  | 136                           |                     | .29           |
| ILLINOIS  | 73        | 59                  |  | 337                           |                     | .64           |
| ILLINOIS  | 73        | 52                  |  | 196                           |                     | .47           |
| ILLINOIS  | 73        | 57                  |  | 125                           |                     | .49           |
| ILLINOIS  | 73        | 58                  |  | 225                           |                     | .55           |
| ILLINOIS  | 73        | 59                  |  | 154                           |                     | .48           |
| ILLINOIS  | 73        | 57                  |  | 175                           |                     | .56           |
| ILLINOIS  | 73        | 59                  |  | 212                           |                     | .47           |
| ILLINOIS  | 73        | 58                  |  | 180                           |                     | .54           |

Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE (SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION                     | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEED'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. |     | ANN. STD UG/CU.M. | RATIO TO ANN. STD | A N N U A L |    |
|--|------|---------------------|---|-------------------------------|-----|-------------------|-------------------|-------------|----|
|  |      |                     |   | 1ST                           | 2ND |                   |                   |             |    |
| 067 METROPOLITAN CHICAGO (ILL-IND) (CONTINUED) |      |                     |   |                               |     |                   |                   |             |    |
| ILLINOIS                                       | 14   | 1220021             | H01 CHICAGO                             | 73                            | 58  | 277               | 201               | .72         | 57 |
| ILLINOIS                                       | 14   | 1220022             | H01 CHICAGO                             | 73                            | 59  | 175               | 136               | .73         | 58 |
| ILLINOIS                                       | 14   | 1220025             | H01 CHICAGO                             | 73                            | 88  | 233               | 214               | .66         | 53 |
| ILLINOIS                                       | 14   | 1220030             | H01 CHICAGO                             | 73                            | 57  | 157               | 130               | .38         | 31 |
| ILLINOIS                                       | 14   | 1220031             | H01 CHICAGO                             | 73                            | 59  | 301               | 167               | .91         | 73 |
| ILLINOIS                                       | 14   | 1220032             | H01 CHICAGO                             | 73                            | 52  | 193               | 157               | .56         | 45 |
| ILLINOIS                                       | 14   | 1220034             | H01 CHICAGO                             | 73                            | 28  | 293               | 154               | *           |    |
| ILLINOIS                                       | 14   | 1240001             | G01 CHICAGO HEIGHTS                     | 73                            | 137 | 142               | 139               | .35         | 28 |
| ILLINOIS                                       | 14   | 1340001             | G01 CICERO                              | 73                            | 146 | 202               | 172               | .37         | 29 |
| ILLINOIS                                       | 14   | 1540001             | G01 COOK COUNTY                         | 73                            | 137 | 151               | 108               | .12         | 9  |
| ILLINOIS                                       | 14   | 1840001             | G01 DES PLAINES                         | 73                            | 114 | 63                | 50                | *           |    |
| ILLINOIS                                       | 14   | 3180001             | G01 HARVEY                              | 73                            | 146 | 164               | 121               | .26         | 21 |
| ILLINOIS                                       | 14   | 3420001             | G01 HILLSIDE                            | 73                            | 147 | 107               | 104               | .13         | 10 |
| ILLINOIS                                       | 14   | 4960001             | G01 MAYWOOD                             | 73                            | 133 | 152               | 148               | .43         | 34 |
| ILLINOIS                                       | 14   | 5740001             | G01 DAK PARK                            | 73                            | 146 | 143               | 138               | .36         | 29 |
| ILLINOIS                                       | 14   | 6000001             | G01 PARK FOREST                         | 73                            | 144 | 135               | 118               | .15         | 12 |
| ILLINOIS                                       | 14   | 8360001             | G01 WILMETTE                            | 73                            | 147 | 70                | 62                | .07         | 6  |
| INDIANA  | 15   | 0680001             | G02 CHESTERTON                          | 73                            | 15  | 107               | 46                | *           |    |
| INDIANA  | 15   | 0940001             | F01 CROWN POINT                         | 73                            | 7   | 39                | 13                | *           |    |
| INDIANA  | 15   | 1180001             | A01 EAST CHICAGO                        | 73                            | 23  | 212               | 128               | *           |    |
| INDIANA  | 15   | 1180001             | H02 EAST CHICAGO                        | 73                            | 52  | 102               | 68                | .31         | 25 |
| INDIANA  | 15   | 1180003             | H02 EAST CHICAGO                        | 73                            | 53  | 437               | 172               | .79         | 63 |
| INDIANA  | 15   | 1180004             | H02 EAST CHICAGO                        | 73                            | 58  | 138               | 138               | .31         | 25 |
| INDIANA  | 15   | 1180006             | H02 EAST CHICAGO                        | 73                            | 58  | 351               | 125               | .36         | 29 |
| INDIANA  | 15   | 1180007             | H02 EAST CHICAGO                        | 73                            | 58  | 314               | 201               | .56         | 44 |
| INDIANA  | 15   | 1520001             | A01 GARY                                | 73                            | 21  | 97                | 89                | *           |    |
| INDIANA  | 15   | 1520001             | H01 GARY                                | 73                            | 45  | 188               | 170               | *           |    |
| INDIANA  | 15   | 1520002             | H01 GARY                                | 73                            | 47  | 235               | 141               | .35         | 28 |
| INDIANA  | 15   | 1520003             | H01 GARY                                | 73                            | 45  | 476               | 149               | .59         | 47 |
| INDIANA  | 15   | 1520004             | H01 GARY                                | 73                            | 48  | 199               | 159               | .52         | 41 |
| INDIANA  | 15   | 1520005             | H01 GARY                                | 73                            | 48  | 81                | 65                | .28         | 22 |
| INDIANA  | 15   | 1520008             | H01 GARY                                | 73                            | 47  | 233               | 112               | .31         | 25 |
| INDIANA  | 15   | 1520009             | H01 GARY                                | 73                            | 47  | 104               | 96                | .36         | 29 |
| INDIANA  | 15   | 1520011             | H01 GARY                                | 73                            | 52  | 301               | 172               | .50         | 40 |
| INDIANA  | 15   | 1780001             | A01 HAMMOND                             | 73                            | 23  | 111               | 100               | *           |    |
| INDIANA  | 15   | 1780002             | H01 HAMMOND                             | 73                            | 57  | 722               | 130               | .48         | 38 |
| INDIANA  | 15   | 1780004             | F01 HAMMOND                             | 73                            | 32  | 123               | 104               | *           |    |
| INDIANA  | 15   | 1780004             | H01 HAMMOND                             | 73                            | 58  | 225               | 209               | .47         | 37 |
| INDIANA  | 15   | 1780005             | H01 HAMMOND                             | 73                            | 57  | 199               | 162               | .48         | 38 |
| INDIANA  | 15   | 1780006             | H01 HAMMOND                             | 73                            | 55  | 267               | 167               | .48         | 38 |
| INDIANA  | 15   | 1780007             | H01 HAMMOND                             | 73                            | 56  | 387               | 115               | .58         | 46 |
| INDIANA  | 15   | 3420007             | G02 PORTER COUNTY                       | 73                            | 15  | 34                | 27                | *           |    |
| INDIANA  | 15   | 3420009             | G02 PORTER COUNTY                       | 73                            | 9   | 156               | 21                | *           |    |
| INDIANA  | 15   | 4200002             | G02 VALPARAISO                          | 73                            | 11  | 57                | 31                | *           |    |
| INDIANA  | 15   | 4540003             | F01 WHITING                             | 73                            | 8   | 52                | 47                | *           |    |

Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE(SULFAMIC ACID), 24-HOUR RUBBLER - 4240191

| AIR QUALITY CONTROL REGION                | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEED'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CJ.M. | AS OF JUNE 08, 1974 |     | ANN. STD UG/CJ.M. |
|---|------|---------------------|---|-------------------------------|---------------------|-----|-------------------|
|   |      |                     |   |                               | 1ST 2ND             | 3RD |                   |
| DAB METROPOLITAN DUBUQUE (ILL-IOWA-WISC)  |      |                     |   |                               |                     |     |                   |
| IOWA                                      | 73   | 18                  | ** PRIORITY 3 **                        | 40                            | 27                  | *   |                   |
| IOWA                                      | 73   | 5                   |   | 16                            | 14                  | *   |                   |
| WISCONSIN                                 | 73   | 17                  |   | 11                            | 10                  | *   |                   |
| 069 METROPOLITAN QUAD CITIES (ILL-IOWA)   |      |                     |   |                               |                     |     |                   |
| IOWA                                      | 73   | 23                  | ** PRIORITY 3 **                        | 31                            | 2                   | *   |                   |
| 070 METROPOLITAN ST. LOUIS (ILL-MO)       |      |                     |   |                               |                     |     |                   |
| MISSOURI                                  | 73   | 11                  | ** PRIORITY 1 **                        | 102                           | 87                  | *   |                   |
| MISSOURI                                  | 73   | 5                   |   | 83                            | 82                  | *   |                   |
| MISSOURI                                  | 73   | 18                  |   | 72                            | 46                  | *   |                   |
| MISSOURI                                  | 73   | 5                   |   | 65                            | 42                  | *   |                   |
| 072 PADUCAH-CAIRO (ILL-KY)                |      |                     |   |                               |                     |     |                   |
| KENTUCKY                                  | 73   | 56                  | ** PRIORITY 2 **                        | 28                            | 25                  | -06 |                   |
| KENTUCKY                                  | 73   | 57                  |   | 58                            | 57                  | -10 | 5                 |
| KENTUCKY                                  | 73   | 50                  |   | 32                            | 13                  | -05 | 8                 |
| KENTUCKY                                  | 73   | 49                  |   | 120                           | 25                  | *   | 4                 |
| KENTUCKY                                  | 73   | 46                  |   | 20                            | 17                  | *   |                   |
| KENTUCKY                                  | 73   | 38                  |   | 34                            | 30                  | *   |                   |
| KENTUCKY                                  | 73   | 43                  |   | 21                            | 20                  | *   |                   |
| KENTUCKY                                  | 73   | 58                  |   | 98                            | 69                  | *   |                   |
| KENTUCKY                                  | 73   | 39                  |   | 53                            | 38                  | -12 | 10                |
| KENTUCKY                                  | 73   | 59                  |   | 44                            | 40                  | *   |                   |
| KENTUCKY                                  | 73   | 56                  |   | 54                            | 50                  | -15 | 12                |
| KENTUCKY                                  | 73   | 57                  |   | 21                            | 18                  | -14 | 11                |
| KENTUCKY                                  | 73   | 38                  |   | 49                            | 47                  | -05 | 4                 |
| KENTUCKY                                  | 73   | 58                  |   | 105                           | 72                  | *   |                   |
| KENTUCKY                                  | 73   | 57                  |   | 94                            | 73                  | -23 | 19                |
| KENTUCKY                                  | 73   | 57                  |   | 132                           | 74                  | -17 | 14                |
| KENTUCKY                                  | 73   | 58                  |   | 85                            | 69                  | -21 | 17                |
| KENTUCKY                                  | 73   | 49                  |   | 45                            | 36                  | -19 | 15                |
| KENTUCKY                                  | 73   | 49                  |   | 45                            | 40                  | -11 | 8                 |
| 073 ROCKFORD-JAMESVILLE-BELOIT (ILL-WISC) |      |                     |   |                               |                     |     |                   |
| ILLINOIS                                  | 73   | 19                  | ** PRIORITY 3 **                        | 17                            | 11                  | *   |                   |
| WISCONSIN                                 | 73   | 50                  |   | 140                           | 79                  | -17 | 14                |
| 076 EAST CENTRAL INDIANA                  |      |                     |   |                               |                     |     |                   |
| INDIANA                                   | 73   | 24                  | ** PRIORITY 2 **                        | 75                            | 55                  | *   |                   |

**Table B-1 (continued). SULFUR DIOXIDE DATA**

METHOD: WEST-GAERE(SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

ANNUAL APATH. RATIO TO MEAN UG/CU.M.

HIGHEST 24-HR VALUES UG/CU.M.

NO. OF DAILY VALUES EXC'D'G 24-HR STD.

NO. OF VALID VALUES

AS OF JUNE 08, 1974

AS OF JUNE 08, 1974

AS OF JUNE 08, 1974

AS OF JUNE 08, 1974

AS OF JUNE 08, 1974

| AIR QUALITY CONTROL REGION                         | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. | ANNUAL APATH. RATIO TO MEAN UG/CU.M. |
|--|------|---------------------|--|-------------------------------|--------------------------------------|
| <b>076 EAST CENTRAL INDIANA (CONTINUED)</b>        |      |                     |  |                               |                                      |
| INDIANA  | 15   | 73                  | 24                                     | 91                            | 86                                   |
| INDIANA  | 15   | 73                  | 24                                     | 86                            | 83                                   |
| INDIANA  | 15   | 73                  | 23                                     | 96                            | 73                                   |
| INDIANA  | 15   | 73                  | 23                                     | 83                            | 73                                   |
| <b>077 EVANSVILLE-OWENSBORO-HENDERSON (IND-KY)</b> |      |                     |  |                               |                                      |
| INDIANA  | 15   | 73                  | 22                                     | 180                           | 98                                   |
| INDIANA  | 15   | 73                  | 15                                     | 146                           | 52                                   |
| INDIANA  | 18   | 73                  | 15                                     | 70                            | 68                                   |
| KENTUCKY   | 18   | 73                  | 59                                     | 90                            | 69                                   |
| KENTUCKY   | 18   | 73                  | 61                                     | 130                           | 116                                  |
| KENTUCKY   | 18   | 73                  | 55                                     | 224                           | 205                                  |
| KENTUCKY   | 18   | 73                  | 52                                     | 73                            | 61                                   |
| KENTUCKY   | 18   | 73                  | 52                                     | 121                           | 113                                  |
| KENTUCKY   | 18   | 73                  | 61                                     | 88                            | 50                                   |
| KENTUCKY   | 18   | 73                  | 52                                     | 63                            | 55                                   |
| KENTUCKY   | 18   | 73                  | 34                                     | 116                           | 45                                   |
| KENTUCKY   | 18   | 73                  | 34                                     | 184                           | 129                                  |
| KENTUCKY   | 18   | 73                  | 9                                      | 111                           | 82                                   |
| KENTUCKY   | 18   | 73                  | 34                                     | 267                           | 91                                   |
| KENTUCKY   | 18   | 73                  | 24                                     | 105                           | 79                                   |
| KENTUCKY   | 18   | 73                  | 47                                     | 94                            | 61                                   |
| KENTUCKY   | 18   | 73                  | 57                                     | 66                            | 54                                   |
| KENTUCKY   | 18   | 73                  | 61                                     | 61                            | 72                                   |
| KENTUCKY   | 18   | 73                  | 56                                     | 78                            | 75                                   |
| KENTUCKY   | 18   | 73                  | 56                                     | 98                            | 75                                   |
| KENTUCKY   | 18   | 73                  | 51                                     | 78                            | 75                                   |
| <b>078 LOUISVILLE (IND-KY)</b>                     |      |                     |  |                               |                                      |
| INDIANA  | 15   | 73                  | 35                                     | 159                           | 110                                  |
| INDIANA  | 18   | 73                  | 20                                     | 11                            | 10                                   |
| KENTUCKY   | 18   | 73                  | 53                                     | 133                           | 127                                  |
| KENTUCKY   | 18   | 73                  | 54                                     | 313                           | 112                                  |
| KENTUCKY   | 18   | 73                  | 54                                     | 76                            | 53                                   |
| KENTUCKY   | 18   | 73                  | 42                                     | 137                           | 96                                   |
| KENTUCKY   | 18   | 73                  | 52                                     | 333                           | 211                                  |
| KENTUCKY   | 18   | 73                  | 14                                     | 132                           | 127                                  |
| KENTUCKY   | 18   | 73                  | 40                                     | 156                           | 142                                  |
| KENTUCKY   | 18   | 73                  | 59                                     | 185                           | 145                                  |
| KENTUCKY   | 18   | 73                  | 27                                     | 81                            | 74                                   |
| KENTUCKY   | 18   | 73                  | 53                                     | 296                           | 189                                  |
| KENTUCKY   | 18   | 73                  | 73                                     | 165                           | 132                                  |
| KENTUCKY   | 18   | 73                  | 73                                     | 205                           | 160                                  |
| KENTUCKY   | 18   | 73                  | 73                                     | 126                           | 100                                  |



Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE (SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION                | '078 LOUISVILLE (IND-KY) (CONTINUED) | YEAR | NO. OF VALID VALUES | ND. OF DAILY VALUES EXC'D. °C 24-HR STD. | HIGHEST 24-HR VALUE UG/CU.M. | AS OF JUNE 08, 1974 |     | ANN. STD. UG/CU.M. | A N N U A L RATIO TO ARITH. MEAN |
|---|--------------------------------------|------|---------------------|--|------------------------------|---------------------|-----|--------------------|----------------------------------|
|   |                                      |      |                     |  |                              | 19--                | 2ND |                    |                                  |
| KENTUCKY                                  | 18 2380021 G01 LOUISVILLE            | 73   | 14                  |  | 76                           | 27                  | *   |                    |                                  |
| KENTUCKY                                  | 18 3090001 G01 OKOLONA               | 73   | 48                  |  | 86                           | 86                  |     |                    | 22                               |
| KENTUCKY                                  | 18 3360001 G01 PLEASURE RIDGE PARK   | 73   | 52                  |  | 193                          | 60                  |     |                    | 23                               |
| KENTUCKY                                  | 18 3620005 G01 ST. MATTHEWS          | 73   | 10                  |  | 63                           | 55                  | *   |                    |                                  |
| KENTUCKY                                  | 18 3720001 G01 SHIVELY               | 73   | 52                  |  | 92                           | 86                  |     |                    | 74                               |
| 079 METROPOLITAN CINCINNATI (IND-KY-OHIO) |                                      |      | ** PRIORITY 2 **    |  |                              |                     |     |                    |                                  |
| INDIANA                                   | 15 2460001 F01 LAWRENCEBURG          | 73   | 34                  |  | 138                          | 112                 | *   |                    |                                  |
| KENTUCKY                                  | 18 0030001 F01 ALEXANDRIA            | 73   | 55                  |  | 63                           | 48                  |     |                    | 11                               |
| KENTUCKY                                  | 18 0280001 F01 BOONE COUNTY          | 73   | 55                  |  | 80                           | 73                  |     |                    | 17                               |
| KENTUCKY                                  | 18 0280002 F01 BOONE COUNTY          | 73   | 61                  |  | 169                          | 64                  |     |                    | 13                               |
| KENTUCKY                                  | 18 0580001 F03 CARROLL COUNTY        | 73   | 60                  |  | 203                          | 65                  |     |                    | 15                               |
| KENTUCKY                                  | 18 0600001 F01 CARROLLTON            | 73   | 57                  |  | 67                           | 67                  |     |                    | 14                               |
| KENTUCKY                                  | 18 0800001 A01 COVINGTON             | 73   | 21                  |  | 59                           | 41                  | *   |                    |                                  |
| KENTUCKY                                  | 18 0800002 F01 COVINGTON             | 73   | 50                  |  | 87                           | 79                  | *   |                    |                                  |
| KENTUCKY                                  | 18 1100001 F01 ERLANGER              | 73   | 51                  |  | 70                           | 56                  | *   |                    |                                  |
| KENTUCKY                                  | 18 1140001 F01 FALMGUTH              | 73   | 60                  |  | 89                           | 63                  |     |                    | 14                               |
| KENTUCKY                                  | 18 1220001 F01 FLORENCE              | 73   | 57                  |  | 121                          | 71                  |     |                    | 16                               |
| KENTUCKY                                  | 18 1250001 F01 FORT MITCHELL         | 73   | 33                  |  | 71                           | 50                  | *   |                    |                                  |
| KENTUCKY                                  | 18 1250002 F01 FORT MITCHELL         | 73   | 14                  |  | 11                           | 9                   | *   |                    |                                  |
| KENTUCKY                                  | 18 1260001 F01 FORT THOMAS           | 73   | 49                  |  | 33                           | 28                  | *   |                    |                                  |
| KENTUCKY                                  | 18 1380001 F03 GALLATIN COUNTY       | 73   | 59                  |  | 172                          | 141                 |     |                    | 15                               |
| KENTUCKY                                  | 18 3020001 F01 NEWPORT               | 73   | 60                  |  | 69                           | 29                  |     |                    | 10                               |
| OHIO                                      | 18 3120001 F01 OHIO COUNTY           | 73   | 60                  |  | 112                          | 55                  |     |                    | 14                               |
| OHIO                                      | 36 1220001 A01 CINCINNATI            | 73   | 22                  |  | 43                           | 33                  | *   |                    |                                  |
| OHIO                                      | 36 1220003 A01 CINCINNATI            | 73   | 12                  |  | 45                           | 35                  | *   |                    | 19                               |
| OHIO                                      | 36 1220018 H01 CINCINNATI            | 73   | 51                  |  | 113                          | 55                  |     |                    |                                  |
| OHIO                                      | 36 1220020 H01 CINCINNATI            | 73   | 36                  |  | 54                           | 43                  |     |                    |                                  |
| OHIO                                      | 36 1280002 H01 CLERMONT COUNTY       | 73   | 36                  |  | 43                           | 29                  | *   |                    |                                  |
| OHIO                                      | 36 2165001 H01 FOREST PARK           | 73   | 48                  |  | 34                           | 30                  | *   |                    | 9                                |
| OHIO                                      | 36 2200002 H01 FRANKLIN              | 73   | 50                  |  | 105                          | 54                  | *   |                    |                                  |
| OHIO                                      | 36 2700002 H01 HAMILTON              | 73   | 50                  |  | 55                           | 54                  | *   |                    | 15                               |
| OHIO                                      | 36 2720001 H01 HAMILTON COUNTY       | 73   | 50                  |  | 54                           | 46                  |     |                    | 16                               |
| OHIO                                      | 36 2720003 H01 HAMILTON COUNTY       | 73   | 51                  |  | 85                           | 84                  | *   |                    |                                  |
| OHIO                                      | 36 3400002 H01 LEBANON               | 73   | 50                  |  | 47                           | 30                  |     |                    | 8                                |
| OHIO                                      | 36 3780001 H01 MADEIRA               | 73   | 49                  |  | 76                           | 49                  | *   |                    |                                  |
| OHIO                                      | 36 5300001 H01 OXFORD                | 73   | 51                  |  | 63                           | 63                  | *   |                    |                                  |
| OHIO                                      | 36 5880001 H01 ST BERNARD            | 73   | 51                  |  | 123                          | 99                  | *   |                    |                                  |
| 080 METROPOLITAN INDIANAPOLIS (IND)       |                                      |      | ** PRIORITY 1 **    |  |                              |                     |     |                    |                                  |
| INDIANA                                   | 15 2040001 A01 INDIANAPOLIS          | 73   | 18                  |  | 43                           | 18                  | *   |                    |                                  |
| INDIANA                                   | 15 2040001 H01 INDIANAPOLIS          | 73   | 24                  |  | 131                          | 71                  | *   |                    |                                  |
| INDIANA                                   | 15 2040002 H01 INDIANAPOLIS          | 73   | 25                  |  | 147                          | 124                 | *   |                    |                                  |

Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE (SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION                               | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUE (UG/CU.M.) | ANNUAL RATIO TO MEAN (UG/CU.M.) |                       |
|--|------|---------------------|--|--------------------------------|---------------------------------|-----------------------|
|  |      |                     |  |                                | 1ST                             | 2ND                   |
| <b>080 METROPOLITAN INDIANAPOLIS (IND) (CONTINUED)</b>   |      |                     |  |                                |                                 |                       |
| INDIANA  | 73   | 25                  |  | 124                            | 88                              | *                     |
| INDIANA  | 73   | 12                  |  | 8                              | 2                               | *                     |
| INDIANA  | 73   | 23                  |  | 114                            | 84                              | *                     |
| INDIANA  | 73   | 25                  |  | 161                            | 102                             | *                     |
| INDIANA  | 73   | 25                  |  | 75                             | 68                              | *                     |
| INDIANA  | 73   | 25                  |  | 167                            | 119                             | *                     |
| INDIANA  | 73   | 53                  |  | 225                            | 133                             | *60                   |
| INDIANA  | 73   | 25                  |  | 133                            | 78                              | *                     |
| INDIANA  | 73   | ?                   |  | 41                             | 29                              | *                     |
| <b>081 NORTHEAST INDIANA</b>                             |      |                     |  |                                |                                 |                       |
| INDIANA  | 73   | 21                  | ** PRIORITY 3 **                       | 32                             | 23                              | AS OF JUNE 08, 1974 * |
| <b>082 SOUTH BEND-ELKHART-BENTON HARBOR (IND.-MICH)</b>  |      |                     |  |                                |                                 |                       |
| INDIANA  | 73   | 37                  | ** PRIORITY 1A **                      | 193                            | 78                              | AS OF JUNE 08, 1974 * |
| INDIANA  | 73   | 46                  | 1                                      | 382                            | 259                             | *                     |
| INDIANA  | 73   | 46                  |  | 102                            | 78                              | *                     |
| INDIANA  | 73   | 18                  |  | 78                             | 50                              | *                     |
| MICHIGAN   | 73   | 59                  |  | 89                             | 60                              | *17                   |
| <b>083 SOUTHERN INDIANA</b>                              |      |                     |  |                                |                                 |                       |
| INDIANA  | 73   | 10                  | ** PRIORITY 1A **                      | 26                             | 15                              | AS OF JUNE 08, 1974 * |
| INDIANA  | 73   | 30                  |  | 120                            | 39                              | *                     |
| INDIANA  | 73   | 20                  |  | 125                            | 78                              | *                     |
| INDIANA  | 73   | 15                  |  | 71                             | 29                              | *                     |
| <b>084 WABASH VALLEY (IND)</b>                           |      |                     |  |                                |                                 |                       |
| INDIANA  | 73   | 13                  | ** PRIORITY 1 **                       | 149                            | 34                              | AS OF JUNE 08, 1974 * |
| INDIANA  | 73   | 33                  |  | 170                            | 52                              | *                     |
| INDIANA  | 73   | 37                  |  | 130                            | 52                              | *                     |
| INDIANA  | 73   | 18                  |  | 170                            | 110                             | *                     |
| INDIANA  | 73   | 14                  |  | 49                             | 34                              | *                     |
| <b>085 METROPOLITAN OMAHA-COUNCIL BLUFFS (IOWA-NEB.)</b> |      |                     |  |                                |                                 |                       |
| IOWA   | 73   | 25                  | ** PRIORITY 2 **                       | 29                             | 2                               | AS OF JUNE 08, 1974 * |
| NEBRASKA   | 73   | 17                  |  | 31                             | 27                              | *                     |
| NEBRASKA   | 73   | 5                   |  | 2                              | 2                               | *                     |
| <b>086 METROPOLITAN SIOUX CITY (IOWA-NEB-S.D.)</b>       |      |                     |  |                                |                                 |                       |
| IOWA   | 73   | 26                  | ** PRIORITY 3 **                       | 2                              | 2                               | AS OF JUNE 08, 1974 * |

**Table B-1 (continued) . SULFUR DIOXIDE DATA**

METHOD: WEST-GAEKE(SULFAMIC ACID), 24-HOUR BURBLER - 4240191

| AIR QUALITY CONTROL REGION                      | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. | ANNUAL RATIO TO MEAN |                     |
|---|------|---------------------|--|-------------------------------|----------------------|---------------------|
|   |      |                     |  |                               | ANN. STD UG/CU.M.    | AS OF JUNE 08, 1974 |
| <b>087 METROPOLITAN SIOUX FALLS (IOWA-S.D.)</b> |      |                     |  |                               |                      |                     |
| IOWA  | 73   | 23                  | ** PRIORITY 3 **                       | 2                             | 2                    | *                   |
| IOWA  | 73   | 26                  | ** PRIORITY 3 **                       | 79                            | 38                   | *                   |
| IOWA  | 73   | 26                  | ** PRIORITY 3 **                       | 109                           | 83                   | *                   |
| <b>088 NORTHEAST IOWA</b>                       |      |                     |  |                               |                      |                     |
| IOWA  | 73   | 11                  | ** PRIORITY 3 **                       | 2                             | 2                    | *                   |
| <b>089 NORTH CENTRAL IOWA</b>                   |      |                     |  |                               |                      |                     |
| IOWA  | 73   | 19                  | ** PRIORITY 3 **                       | 17                            | 16                   | *                   |
| IOWA  | 73   | 25                  | ** PRIORITY 3 **                       | 57                            | 42                   | *                   |
| IOWA  | 73   | 12                  | ** PRIORITY 3 **                       | 114                           | 104                  | *                   |
| IOWA  | 73   | 20                  | ** PRIORITY 3 **                       | 103                           | 100                  | *                   |
| IOWA  | 73   | 20                  | ** PRIORITY 3 **                       | 99                            | 99                   | *                   |
| IOWA  | 73   | 20                  | ** PRIORITY 3 **                       | 112                           | 101                  | *                   |
| IOWA  | 73   | 19                  | ** PRIORITY 3 **                       | 148                           | 105                  | *                   |
| <b>090 NORTHWEST IOWA</b>                       |      |                     |  |                               |                      |                     |
| IOWA  | 73   | 22                  | ** PRIORITY 3 **                       | 2                             | 2                    | *                   |
| IOWA  | 73   | 26                  | ** PRIORITY 3 **                       | 134                           | 94                   | *                   |
| <b>093 SOUTHWEST IOWA</b>                       |      |                     |  |                               |                      |                     |
| KANSAS  | 73   | 20                  | ** PRIORITY 3 **                       | 23                            | 16                   | *                   |
| KANSAS  | 73   | 5                   | ** PRIORITY 3 **                       | 27                            | 2                    | *                   |
| KANSAS  | 73   | 55                  | ** PRIORITY 3 **                       | 326                           | 69                   | .29                 |
| KANSAS  | 73   | 20                  | ** PRIORITY 3 **                       | 285                           | 265                  | *                   |
| KANSAS  | 73   | 55                  | ** PRIORITY 3 **                       | 307                           | 300                  | .25                 |
| MISSOURI  | 73   | 43                  | ** PRIORITY 3 **                       | 44                            | 29                   | *                   |
| MISSOURI  | 73   | 14                  | ** PRIORITY 3 **                       | 41                            | 20                   | *                   |
| MISSOURI  | 73   | 45                  | ** PRIORITY 3 **                       | 60                            | 21                   | *                   |
| MISSOURI  | 73   | 39                  | ** PRIORITY 3 **                       | 66                            | 34                   | *                   |
| MISSOURI  | 73   | 41                  | ** PRIORITY 3 **                       | 67                            | 56                   | *                   |
| <b>094 METROPOLITAN KANSAS CITY (KAN-MO)</b>    |      |                     |  |                               |                      |                     |
| KANSAS  | 73   | 48                  | ** PRIORITY 3 **                       | 249                           | 77                   | .25                 |
| KANSAS  | 73   | 48                  | ** PRIORITY 3 **                       |                               |                      |                     |
| <b>095 NORTHEAST KANSAS</b>                     |      |                     |  |                               |                      |                     |
| KANSAS  | 73   | 48                  | ** PRIORITY 3 **                       |                               |                      |                     |

Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE(SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION | 095 NORTHWEST KANSAS (CONTINUED) | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D.G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. | ANNUAL RATIO TO MEAN |                     |                     |  |
|----------------------------|----------------------------------|------|---------------------|--|-------------------------------|----------------------|---------------------|---------------------|--|
|                            |                                  |      |                     |  |                               | ANN. STD             | UG/CU.M.            |                     |  |
| KANSAS                     | 17 1960001 F01 LAWRENCE          | 73   | 59                  |  | 54                            | 47                   | .17                 | 13                  |  |
|                            | 17 3380001 F01 SHAWNEE COUNTY    | 73   | 53                  |  | 30                            | 26                   | .09                 | 7                   |  |
|                            | 17 3560001 F01 TOPEKA            | 73   | 14                  |  | 10                            | 10                   | *                   |                     |  |
|                            | 17 3560001 F01 TOPEKA            | 73   | 30                  |  | 58                            | 39                   | .12                 | 9                   |  |
|                            | 17 3560001 F01 TOPEKA            | 73   | 5                   |  | 2                             | 2                    | *                   |                     |  |
|                            | 17 3560004 F01 TOPEKA            | 73   | 60                  |  | 39                            | 36                   | .11                 | 9                   |  |
|                            | 17 3560005 F01 TOPEKA            | 73   | 61                  |  | 33                            | 33                   | .11                 | 9                   |  |
|                            | 17 3560006 F01 TOPEKA            | 73   | 60                  |  | 35                            | 33                   | .12                 | 10                  |  |
|                            |                                  |      |                     | ** PRIORITY 3 **                       |                               |                      |                     | AS OF JUNE 08, 1974 |  |
|                            | 096 NORTH CENTRAL KANSAS         |      |                     |  |                               |                      |                     |                     |  |
| KANSAS                     | 17 2180001 F01 MCPHERSON         | 73   | 60                  |  | 40                            | 34                   | .11                 | 9                   |  |
|                            | 17 2220001 F01 MANHATTAN         | 73   | 42                  |  | 64                            | 43                   | *                   |                     |  |
| 097 NORTHWEST KANSAS       |                                  |      |                     |  |                               |                      |                     |                     |  |
| KANSAS                     | 17 1240001 F01 GOODLAND          | 73   | 61                  |  | 80                            | 60                   | .19                 | 15                  |  |
|                            | 17 1280001 F01 GRAMAM COUNTY     | 73   | 47                  |  | 54                            | 43                   | *                   |                     |  |
|                            | 17 2900001 F01 PHILLIPSBURG      | 73   | 60                  |  | 42                            | 42                   | .13                 | 10                  |  |
| 098 SOUTHEAST KANSAS       |                                  |      |                     |  |                               |                      |                     |                     |  |
| KANSAS                     | 17 0600001 F01 COFFEYVILLE       | 73   | 40                  |  | 62                            | 55                   | *                   |                     |  |
|                            | 17 1160001 F01 GALENA            | 73   | 30                  |  | 63                            | 56                   | *                   |                     |  |
|                            | 17 2100001 F01 LINN COUNTY       | 73   | 54                  |  | 34                            | 27                   | .11                 | 9                   |  |
| 099 SOUTH CENTRAL KANSAS   |                                  |      |                     |  |                               |                      |                     |                     |  |
| KANSAS                     | 17 0100001 F01 ARKANSAS CITY     | 73   | 48                  |  | 49                            | 49                   | .17                 | 13                  |  |
|                            | 17 0900001 F01 EL DORADO         | 73   | 46                  |  | 290                           | 228                  | .33                 | 27                  |  |
|                            | 17 1640001 F01 HUTCHINSON        | 73   | 42                  |  | 42                            | 35                   | *                   |                     |  |
|                            | 17 3320002 F01 SEDGWICK COUNTY   | 73   | 32                  |  | 41                            | 41                   | *                   |                     |  |
|                            | 17 3320003 F01 SEDGWICK COUNTY   | 73   | 31                  |  | 261                           | 67                   | *                   |                     |  |
|                            | 17 3320004 F01 SEDGWICK COUNTY   | 73   | 32                  |  | 67                            | 54                   | *                   |                     |  |
|                            | 17 3740001 F01 WICHITA           | 73   | 15                  |  | 14                            | 11                   | *                   |                     |  |
|                            | 17 3740001 F01 WICHITA           | 73   | 5                   |  | 2                             | 2                    | *                   |                     |  |
|                            | 17 3740005 F01 WICHITA           | 73   | 59                  |  | 90                            | 33                   | .12                 | 9                   |  |
|                            | 17 3740006 F01 WICHITA           | 73   | 33                  |  | 272                           | 34                   | *                   |                     |  |
| KANSAS                     | 17 3740007 F01 WICHITA           | 73   | 30                  |  | 40                            | 40                   | *                   |                     |  |
|                            | 17 3740008 F01 WICHITA           | 73   | 30                  |  | 272                           | 40                   | *                   |                     |  |
|                            | 17 3740009 F01 WICHITA           | 73   | 28                  |  | 274                           | 54                   | *                   |                     |  |
|                            |                                  |      | ** PRIORITY 3 **    |  |                               |                      | AS OF JUNE 08, 1974 |                     |  |
| 100 SOUTHWEST KANSAS       |                                  |      |                     |  |                               |                      |                     |                     |  |
| KANSAS                     | 17 0800001 F01 DODGE CITY        | 73   | 61                  |  | 68                            | 68                   | .16                 | 13                  |  |
|                            | 17 3600001 F01 ULYSSES           | 73   | 58                  |  | 32                            | 32                   | .12                 | 9                   |  |

**Table B-1 (continued) . SULFUR DIOXIDE DATA**

METHOD: WEST-GAEKE(SULFAMIC ACID), 24-HOUR BURHLER - 4240191

| AIR QUALITY CONTROL REGION                                   | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D*G 24-HR STD. | HIGHEST 24-HR VALUE (UG/CU.M.) | AS OF JUNE 08, 1974 |     | ANNUAL RATIO TO ANN. STD. (UG/CU.M.) |
|--|------|---------------------|--|--------------------------------|---------------------|-----|--------------------------------------|
|  |      |                     |  |                                | 1ST                 | 2ND |                                      |
| <b>101 APPALACHIAN (KY)</b>                                  |      |                     |  |                                |                     |     |                                      |
| KENTUCKY   | 73   | 50                  |  | 48                             | 45                  |     |                                      |
| KENTUCKY   | 73   | 23                  |  | 45                             | 13                  |     | .12                                  |
| KENTUCKY   | 73   | 27                  |  | 38                             | 33                  |     | *                                    |
| KENTUCKY   | 73   | 46                  |  | 80                             | 44                  |     | .08                                  |
| KENTUCKY   | 73   | 58                  |  | 137                            | 24                  |     | .10                                  |
| <b>102 BLUEGRASS (KY)</b>                                    |      |                     |  |                                |                     |     |                                      |
| KENTUCKY   | 73   | 44                  |  | 30                             | 23                  |     | *                                    |
| KENTUCKY   | 73   | 35                  |  | 32                             | 28                  |     | *                                    |
| KENTUCKY   | 73   | 61                  |  | 96                             | 59                  |     | .16                                  |
| KENTUCKY   | 73   | 58                  |  | 88                             | 52                  |     | .10                                  |
| KENTUCKY   | 73   | 13                  |  | 53                             | 25                  |     | *                                    |
| KENTUCKY   | 73   | 58                  |  | 74                             | 55                  |     | .18                                  |
| KENTUCKY   | 73   | 32                  |  | 23                             | 18                  |     | *                                    |
| KENTUCKY   | 73   | 34                  |  | 31                             | 23                  |     | *                                    |
| KENTUCKY   | 73   | 16                  |  | 49                             | 27                  |     | *                                    |
| KENTUCKY   | 73   | 57                  |  | 85                             | 47                  |     | .16                                  |
| KENTUCKY   | 73   | 50                  |  | 60                             | 33                  |     | .09                                  |
| <b>103 HUNTINGTON-ASHLAND-PORTSMOUTH-IRONTON (KY-OH-W.V)</b> |      |                     |  |                                |                     |     |                                      |
| KENTUCKY   | 73   | 53                  |  | 73                             | 68                  |     | .14                                  |
| KENTUCKY   | 73   | 55                  |  | 71                             | 61                  |     | .18                                  |
| KENTUCKY   | 73   | 53                  |  | 56                             | 40                  |     | .13                                  |
| KENTUCKY   | 73   | 39                  |  | 66                             | 50                  |     | *                                    |
| KENTUCKY   | 73   | 47                  |  | 48                             | 47                  |     | *                                    |
| KENTUCKY   | 73   | 14                  |  | 26                             | 25                  |     | *                                    |
| KENTUCKY   | 73   | 47                  |  | 100                            | 59                  |     | *                                    |
| KENTUCKY   | 73   | 54                  |  | 65                             | 53                  |     | .13                                  |
| KENTUCKY   | 73   | 23                  |  | 44                             | 36                  |     | *                                    |
| KENTUCKY   | 73   | 27                  |  | 32                             | 22                  |     | *                                    |
| KENTUCKY   | 73   | 48                  |  | 41                             | 37                  |     | *                                    |
| KENTUCKY   | 73   | 48                  |  | 41                             | 26                  |     | *                                    |
| KENTUCKY   | 73   | 26                  |  | 70                             | 55                  |     | *                                    |
| KENTUCKY   | 73   | 29                  |  | 73                             | 70                  |     | *                                    |
| KENTUCKY   | 73   | 27                  |  | 162                            | 91                  |     | *                                    |
| KENTUCKY   | 73   | 26                  |  | 183                            | 178                 |     | *                                    |
| <b>104 NORTH CENTRAL KENTUCKY</b>                            |      |                     |  |                                |                     |     |                                      |
| KENTUCKY   | 73   | 31                  |  | 35                             | 28                  |     | *                                    |
| KENTUCKY   | 73   | 60                  |  | 20                             | 19                  |     | .06                                  |
| KENTUCKY   | 73   | 34                  |  | 32                             | 28                  |     | *                                    |
| KENTUCKY   | 73   | 33                  |  | 20                             | 20                  |     | *                                    |

Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE(SULFAMIC ACID), 24-HOUR BUDDLER - 4240191

AIR QUALITY CONTROL REGION

| AIR QUALITY CONTROL REGION                         | 104 NORTH CENTRAL KENTUCKY (CONTINUED) | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. |     | AS OF JUNE 08, 1974 | ANN. STD UG/CU.M. | RATIO TO MEAN |  |
|--|--|------|---------------------|--|-------------------------------|-----|---------------------|-------------------|---------------|--|
|  |  |      |                     |  | 1ST                           | 2ND |                     |                   |               |  |
| KENTUCKY   | 18 3100002 F01 OLDHAM COUNTY           | 73   | 39                  |  | 34                            | 33  | *                   | *                 | *             |  |
|  | 18 3700001 F01 SHELBYVILLE             | 73   | 32                  |  | 35                            | 30  | *                   | *                 | *             |  |
|  | 18 3710001 F01 SHEPHERDSVILLE          | 73   | 32                  |  | 63                            | 29  | *                   | *                 | *             |  |
| 105 SOUTH CENTRAL KENTUCKY                         |  |      | ** PRIORITY 3 **    |  |                               |     |                     |                   |               |  |
|  | 18 0320001 A01 BOWLING GREEN           | 73   | 17                  |  | 10                            | 9   | *                   | *                 | 9             |  |
|  | 18 0320004 F01 BOWLING GREEN           | 73   | 40                  |  | 61                            | 47  | *                   | .11               | *             |  |
|  | 18 0320005 F01 BOWLING GREEN           | 73   | 18                  |  | 37                            | 23  | *                   | *                 | *             |  |
|  | 18 1300001 F01 FRANKLIN                | 73   | 10                  |  | 23                            | 22  | *                   | *                 | *             |  |
|  | 18 1440001 F01 GLASGOW                 | 73   | 20                  |  | 24                            | 23  | *                   | *                 | *             |  |
| KENTUCKY   | 18 3600002 F01 RUSSELLVILLE            | 73   | 17                  |  | 48                            | 40  | *                   | *                 | *             |  |
|  | 18 3760002 F01 SOMERSET                | 73   | 19                  |  | 125                           | 121 | *                   | *                 | *             |  |
| 106 SOUTHERN LOUISIANA--SOUTHEAST TEXAS (LA.-TEX.) |  |      | ** PRIORITY 1 **    |  |                               |     |                     |                   |               |  |
|  | 19 0080001 F01 ALEXANDRIA              | 73   | 40                  |  | 30                            | 12  | *                   | *                 | 16            |  |
|  | 19 0280001 A01 BATON ROUGE             | 73   | 26                  |  | 83                            | 35  | *                   | .21               | 7             |  |
|  | 19 0280003 F01 BATON ROUGE             | 73   | 60                  |  | 34                            | 32  | *                   | .09               | 4             |  |
|  | 19 0820001 F01 DONALDSONVILLE          | 73   | 54                  |  | 23                            | 20  | *                   | .06               | 8             |  |
|  | 19 1190001 F01 HARVEY                  | 73   | 60                  |  | 36                            | 29  | *                   | .10               | *             |  |
|  | 19 1280002 F01 IBERVILLE PARISH        | 73   | 28                  |  | 30                            | 26  | *                   | *                 | *             |  |
|  | 19 1500001 F01 LAFAYETTE               | 73   | 42                  |  | 12                            | 6   | *                   | .05               | 4             |  |
|  | 19 1600001 F01 LAKE CHARLES            | 73   | 51                  |  | 20                            | 11  | *                   | .07               | 6             |  |
|  | 19 1600002 F01 METAIRIE                | 73   | 57                  |  | 31                            | 21  | *                   | .06               | 5             |  |
|  | 19 2020002 A01 NEW ORLEANS             | 73   | 59                  |  | 19                            | 18  | *                   | .14               | 11            |  |
|  | 19 2020002 A01 NEW ORLEANS             | 73   | 27                  |  | 29                            | 20  | *                   | .06               | 3             |  |
|  | 19 3180002 F01 WESTLAKE                | 73   | 55                  |  | 26                            | 16  | *                   | .04               | 10            |  |
|  | 45 0330001 A01 BEAUMONT                | 73   | 44                  |  | 15                            | 14  | *                   | *                 | *             |  |
|  | 45 3950002 F01 ORANGE                  | 73   | 44                  |  | 66                            | 19  | *                   | .13               | *             |  |
|  | 45 4190005 F02 PORT ARTHUR             | 73   | 10                  |  | 10                            | 6   | *                   | *                 | *             |  |
|  | 45 4190006 F01 PORT ARTHUR             | 73   | 15                  |  | 75                            | 27  | *                   | *                 | *             |  |
|  | 45 4225004 F01 PORT NECHES             | 73   | 28                  |  | 2                             | 2   | *                   | *                 | *             |  |
|  |  |      |                     | ** PRIORITY 1A **                      |                               | 205 | 15                  |                   |               |  |
|  | 107 ANDROSCOGGIN VALLEY (ME-N.H.)      |      |                     |  |                               |     |                     |                   |               |  |
| 20 0080001 F01 AUGUSTA                             |  | 73   | 15                  |  | 69                            | 63  | *                   | *                 | *             |  |
| 20 0645001 F02 LINCOLN COUNTY                      |  | 73   | 14                  |  | 34                            | 33  | *                   | *                 | *             |  |
| 20 0700001 F02 LIVERMORE FALLS                     |  | 73   | 14                  |  | 9                             | 8   | *                   | *                 | *             |  |
| 20 1000001 F01 ROCKLAND                            |  | 73   | 15                  |  | 53                            | 52  | *                   | *                 | *             |  |
| 20 1280001 F01 WINSLOW                             |  | 73   | 14                  |  | 164                           | 53  | *                   | *                 | *             |  |
| 30 0040007 F01 BERLIN                              |  | 73   | 30                  |  | 40                            | 25  | *                   | *                 | *             |  |
| 30 0140001 A03 CCOS COUNTY                         |  | 73   | 6                   |  | 21                            | 20  | *                   | *                 | *             |  |
| 30 0512001 F01 NORTHUMBERLAND                      |  | 73   | 28                  |  | 39                            | 29  | *                   | *                 | *             |  |

Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE(SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION               | NO. OF VALID VALUES                 | YEAR 19-- | NO. OF DAILY VALUES EXC. U <sub>2</sub> G | HIGHEST 24-HR VALUES UG/CU.M. | RATIO TO ANNUAL MEAN |          | AS OF JUNE 08, 1974 |
|--|-------------------------------------|-----------|---|-------------------------------|----------------------|----------|---------------------|
|  |                                     |           |   |                               | ANN. STD             | UG/CU.M. |                     |
| <b>109 DOWN EAST (ME)</b>                |                                     |           |   |                               |                      |          |                     |
| MAINE                                    | 20 0010001 F03 ACADIA NATIONAL PARK | 73        | 7   | 13                            | 11                   | *        |                     |
| MAINE                                    | 20 0310001 F03 SEAWALL              | 73        | 9   | 2                             | 2                    | *        |                     |
| MAINE                                    | 20 0100001 F01 BANGOR               | 73        | 13  | 40                            | 22                   | *        |                     |
| MAINE                                    | 20 0640001 F02 LINCOLN              | 73        | 15  | 27                            | 23                   | *        |                     |
| MAINE                                    | 20 0780001 F02 MILLINOCKET          | 73        | 14  | 52                            | 35                   | *        |                     |
| MAINE                                    | 20 0860001 F02 ORONO                | 73        | 15  | 38                            | 12                   | *        |                     |
| <b>110 METROPOLITAN PORTLAND (ME)</b>    |                                     |           |   |                               |                      |          |                     |
| MAINE                                    | 20 0160001 F01 BIDDEFORD            | 73        | 14  | 18                            | 16                   | *        |                     |
| MAINE                                    | 20 0960003 F01 PORTLAND             | 73        | 14  | 13                            | 8                    | *        |                     |
| MAINE                                    | 20 0960005 F01 PORTLAND             | 73        | 15  | 17                            | 17                   | *        |                     |
| MAINE                                    | 20 0960006 F01 PORTLAND             | 73        | 13  | 28                            | 26                   | *        |                     |
| MAINE                                    | 20 1140002 F01 SOUTH PORTLAND       | 73        | 15  | 52                            | 36                   | *        |                     |
| <b>112 CENTRAL MARYLAND</b>              |                                     |           |   |                               |                      |          |                     |
| MARYLAND                                 | 21 0720001 F01 FREDERICK            | 73        | 40  | 40                            | 26                   | *        |                     |
| MARYLAND                                 | 21 0720003 G01 FREDERICK            | 73        | 41  | 144                           | 79                   | *        |                     |
| MARYLAND                                 | 21 0720004 G01 FREDERICK            | 73        | 40  | 37                            | 24                   | *        |                     |
| MARYLAND                                 | 21 0740021 F01 FREDERICK COUNTY     | 73        | 43  | 22                            | 17                   | *        |                     |
| MARYLAND                                 | 21 0740022 G01 FREDERICK COUNTY     | 73        | 43  | 16                            | 8                    | *        |                     |
| MARYLAND                                 | 21 0740023 G01 FREDERICK COUNTY     | 73        | 38  | 10                            | 10                   | *        |                     |
| MARYLAND                                 | 21 0740024 G01 FREDERICK COUNTY     | 73        | 33  | 13                            | 10                   | *        |                     |
| <b>113 CUMBERLAND-KEYSER (MD-W. VA.)</b> |                                     |           |   |                               |                      |          |                     |
| MARYLAND                                 | 21 0040002 G01 ALLEGANY COUNTY      | 73        | 42  | 562                           | 44                   | *        |                     |
| MARYLAND                                 | 21 0560001 G01 CUMBERLAND           | 73        | 44  | 57                            | 54                   | *        |                     |
| MARYLAND                                 | 21 0800001 F01 GARRETT COUNTY       | 73        | 35  | 78                            | 61                   | *        |                     |
| MARYLAND                                 | 21 0800003 F03 GARRETT COUNTY       | 73        | 40  | 18                            | 18                   | *        |                     |
| MARYLAND                                 | 21 0860002 F01 HAGERSTOWN           | 73        | 42  | 28                            | 25                   | *        |                     |
| MARYLAND                                 | 21 1700003 F01 WESTERNPORT          | 73        | 41  | 58                            | 50                   | *        |                     |
| <b>114 EASTERN SHORE (MD)</b>            |                                     |           |   |                               |                      |          |                     |
| MARYLAND                                 | 21 0300001 F01 CAMBRIDGE            | 73        | 42  | 44                            | 41                   | *        |                     |
| MARYLAND                                 | 21 0600001 F02 DORCHESTER COUNTY    | 73        | 8   | 5                             | 2                    | *        |                     |
| MARYLAND                                 | 21 0660001 F01 ELKTON               | 73        | 43  | 66                            | 56                   | *        |                     |
| MARYLAND                                 | 21 1420002 F01 SALISBURY            | 73        | 42  | 25                            | 18                   | *        |                     |
| MARYLAND                                 | 21 1740001 F03 WICOMOCO COUNTY      | 73        | 43  | 26                            | 14                   | *        |                     |
| <b>115 METROPOLITAN BALTIMORE (MD)</b>   |                                     |           |   |                               |                      |          |                     |
| MARYLAND                                 | 21 0080002 G01 ANNE ARUNDEL COUNTY  | 73        | 44  | 82                            | 34                   | *        |                     |

Table B-1 (continued) . SULFUR DIOXIDE DATA

METHOD: WEST-GAEK (SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

AIR QUALITY CONTROL REGION

YEAR 19--

NO. OF VALID VALUES

NO. OF DAILY VALUES EXCEED'G 24-HR STD.

HIGHEST 24-HR VALUES UG/CU.M. 1ST 2ND

ANNUAL RATIO TO MEAN ANN. STD UG/CU.M.

115 METROPOLITAN BALTIMORE (MD) (CONTINUED)

| AIR QUALITY CONTROL REGION | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEED'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST 2ND | ANNUAL RATIO TO MEAN ANN. STD UG/CU.M. |
|----------------------------|------|---------------------|---|---------------------------------------|--|
| MARYLAND                   | 73   | 45                  |   | 62                                    | *                                      |
| MARYLAND                   | 73   | 45                  |   | 44                                    | *                                      |
| MARYLAND                   | 73   | 22                  |   | 66                                    | *                                      |
| MARYLAND                   | 73   | 45                  |   | 54                                    | *                                      |
| MARYLAND                   | 73   | 43                  |   | 112                                   | *                                      |
| MARYLAND                   | 73   | 11                  |   | 12                                    | *                                      |
| MARYLAND                   | 73   | 44                  |   | 104                                   | *                                      |
| MARYLAND                   | 73   | 36                  |   | 80                                    | *                                      |
| MARYLAND                   | 73   | 27                  |   | 104                                   | *                                      |
| MARYLAND                   | 73   | 43                  |   | 42                                    | *                                      |
| MARYLAND                   | 73   | 28                  |   | 20                                    | *                                      |
| MARYLAND                   | 73   | 43                  |   | 106                                   | *                                      |
| MARYLAND                   | 73   | 44                  |   | 11                                    | *                                      |
| MARYLAND                   | 73   | 40                  |   | 12                                    | *                                      |
| MARYLAND                   | 73   | 44                  |   | 60                                    | *                                      |
| MARYLAND                   | 73   | 38                  |   | 27                                    | *                                      |

116 SOUTHERN MARYLAND

| AIR QUALITY CONTROL REGION | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEED'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST 2ND | ANNUAL RATIO TO MEAN ANN. STD UG/CU.M. |
|----------------------------|------|---------------------|---|---------------------------------------|--|
| MARYLAND                   | 73   | 14                  |   | 19                                    | *                                      |
| MARYLAND                   | 73   | 45                  |   | 38                                    | *                                      |
| MARYLAND                   | 73   | 40                  |   | 66                                    | *                                      |
| MARYLAND                   | 73   | 25                  |   | 48                                    | *                                      |

117 BERKSHIRE (MASS)

| AIR QUALITY CONTROL REGION | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEED'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST 2ND | ANNUAL RATIO TO MEAN ANN. STD UG/CU.M. |
|----------------------------|------|---------------------|---|---------------------------------------|--|
| MASSACHUSETTS              | 73   | 56                  |   | 214                                   | *                                      |
| MASSACHUSETTS              | 73   | 55                  |   | 41                                    | *                                      |
| MASSACHUSETTS              | 73   | 55                  |   | 235                                   | *                                      |
| MASSACHUSETTS              | 73   | 56                  |   | 60                                    | *                                      |
| MASSACHUSETTS              | 73   | 55                  |   | 115                                   | *                                      |
| MASSACHUSETTS              | 73   | 25                  |   | 130                                   | *                                      |

118 CENTRAL MASSACHUSETTS

| AIR QUALITY CONTROL REGION | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEED'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST 2ND | ANNUAL RATIO TO MEAN ANN. STD UG/CU.M. |
|----------------------------|------|---------------------|---|---------------------------------------|--|
| MASSACHUSETTS              | 73   | 7                   |   | 319                                   | *                                      |
| MASSACHUSETTS              | 73   | 49                  |   | 180                                   | *                                      |
| MASSACHUSETTS              | 73   | 47                  |   | 110                                   | *                                      |

119 METROPOLITAN BOSTON (MASS)

| AIR QUALITY CONTROL REGION | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEED'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. 1ST 2ND | ANNUAL RATIO TO MEAN ANN. STD UG/CU.M. |
|----------------------------|------|---------------------|---|---------------------------------------|--|
| MASSACHUSETTS              | 73   | 23                  |   | 117                                   | *                                      |
| MASSACHUSETTS              | 73   | 63                  |   | 214                                   | *                                      |
| MASSACHUSETTS              | 73   | 22                  |   | 167                                   | *                                      |
| MASSACHUSETTS              | 73   | 20                  |   | 55                                    | *                                      |



Table B-1 (continued) - SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE(SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION                        | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D.G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. |     | ANN. STD UG/CU.M. | ANNUAL RATIO TO MEAN |
|---|------|---------------------|--|-------------------------------|-----|-------------------|----------------------|
|   |      |                     |  | 1ST                           | 2ND |                   |                      |
| <b>119 METROPOLITAN BOSTON (MASS) (CONTINUED)</b> |      |                     |  |                               |     |                   |                      |
| MASSACHUSETTS                                     | 73   | 30                  |  |                               | 83  | 62                | *                    |
| MASSACHUSETTS                                     | 73   | 28                  |  |                               | 102 | 91                | *                    |
| MASSACHUSETTS                                     | 73   | 10                  |  |                               | 55  | 55                | *                    |
| MASSACHUSETTS                                     | 73   | 22                  |  |                               | 57  | 49                | *                    |
| MASSACHUSETTS                                     | 73   | 13                  |  |                               | 23  | 18                | *                    |
| MASSACHUSETTS                                     | 73   | 19                  |  |                               | 20  | 18                | *                    |
| MASSACHUSETTS                                     | 73   | 17                  |  |                               | 52  | 31                | *                    |
| MASSACHUSETTS                                     | 73   | 67                  |  |                               | 144 | 133               | *                    |
| MASSACHUSETTS                                     | 73   | 23                  |  |                               | 41  | 39                | *                    |
| MASSACHUSETTS                                     | 73   | 19                  |  |                               | 55  | 44                | *                    |
| MASSACHUSETTS                                     | 73   | 18                  |  |                               | 146 | 112               | *                    |
| MASSACHUSETTS                                     | 73   | 44                  |  |                               | 136 | 107               | *                    |
| MASSACHUSETTS                                     | 73   | 18                  |  |                               | 115 | 86                | *                    |
| MASSACHUSETTS                                     | 73   | 22                  |  |                               | 47  | 34                | *                    |
| MASSACHUSETTS                                     | 73   | 49                  |  |                               | 104 | 86                | *                    |
| MASSACHUSETTS                                     | 73   | 14                  |  |                               | 18  | 15                | *                    |
| MASSACHUSETTS                                     | 73   | 7                   |  |                               | 70  | 65                | *                    |
| <b>120 PETROPOLITAN PROVIDENCE (MASS-R.I.)</b>    |      |                     |  |                               |     |                   |                      |
| MASSACHUSETTS                                     | 73   | 28                  |  |                               | 57  | 52                | *                    |
| MASSACHUSETTS                                     | 73   | 22                  |  |                               | 44  | 41                | *                    |
| MASSACHUSETTS                                     | 73   | 21                  |  |                               | 41  | 31                | *                    |
| MASSACHUSETTS                                     | 73   | 6                   |  |                               | 18  | 17                | *                    |
| MASSACHUSETTS                                     | 73   | 24                  |  |                               | 47  | 34                | *                    |
| MASSACHUSETTS                                     | 73   | 23                  |  |                               | 39  | 36                | *                    |
| MASSACHUSETTS                                     | 73   | 16                  |  |                               | 57  | 46                | *                    |
| MASSACHUSETTS                                     | 73   | 37                  | 1                                      |                               | 413 | 72                | *                    |
| MASSACHUSETTS                                     | 73   | 20                  |  |                               | 125 | 100               | *                    |
| MASSACHUSETTS                                     | 73   | 45                  |  |                               | 130 | 121               | *                    |
| MASSACHUSETTS                                     | 73   | 35                  |  |                               | 201 | 136               | *                    |
| MASSACHUSETTS                                     | 73   | 26                  |  |                               | 334 | 78                | *                    |
| MASSACHUSETTS                                     | 73   | 18                  |  |                               | 89  | 83                | *                    |
| MASSACHUSETTS                                     | 73   | 14                  |  |                               | 94  | 89                | *                    |
| MASSACHUSETTS                                     | 73   | 44                  |  |                               | 70  | 58                | *                    |
| MASSACHUSETTS                                     | 73   | 43                  |  |                               | 310 | 128               | *                    |
| MASSACHUSETTS                                     | 73   | 42                  |  |                               | 150 | 80                | *                    |
| MASSACHUSETTS                                     | 73   | 5                   |  |                               | 97  | 64                | *                    |
| MASSACHUSETTS                                     | 73   | 40                  |  |                               | 120 | 84                | *                    |
| MASSACHUSETTS                                     | 73   | 39                  | 1                                      |                               | 365 | 183               | *                    |
| MASSACHUSETTS                                     | 73   | 44                  |  |                               | 115 | 85                | *                    |
| MASSACHUSETTS                                     | 73   | 44                  |  |                               | 148 | 101               | *                    |
| MASSACHUSETTS                                     | 73   | 39                  |  |                               | 283 | 70                | *                    |
| MASSACHUSETTS                                     | 73   | 8                   |  |                               | 17  | 10                | *                    |

\*\* PRIORITY 1

AS OF JUNE 08, 1974

Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE(SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION                              | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUE (UG/CU.M.) | ANNUAL MEAN (UG/CU.M.) |     |
|---|------|---------------------|--|--------------------------------|------------------------|-----|
|   |      |                     |  |                                | 1ST                    | 2ND |
| 120 METROPOLITAN PROVIDENCE (MASS-R.I.) (CONTINUED)     |      |                     |  |                                |                        |     |
| RHODE ISLAND  | 73   | 14                  |  | 37                             | 17                     | *   |
| RHODE ISLAND  | 73   | 37                  |  | 128                            | 72                     | *   |
| RHODE ISLAND  | 73   | 19                  |  | 158                            | 48                     | *   |
| RHODE ISLAND  | 73   | 42                  |  | 165                            | 153                    | *   |
| 121 HERRIMACK VALLEY-SOUTHERN NEW HAMPSHIRE (MASS-N.H.) |      |                     |  |                                |                        |     |
|   |      | ** PRIORITY 1 **    |  |                                | AS OF JUNE 08, 1974    |     |
| MASSACHUSETTS   | 73   | 21                  |  | 23                             | 20                     | *   |
| MASSACHUSETTS   | 73   | 22                  |  | 57                             | 49                     | *   |
| MASSACHUSETTS   | 73   | 22                  |  | 248                            | 141                    | *   |
| MASSACHUSETTS   | 73   | 20                  |  | 206                            | 49                     | *   |
| MASSACHUSETTS   | 73   | 17                  |  | 31                             | 23                     | *   |
| MASSACHUSETTS   | 73   | 26                  |  | 89                             | 75                     | *   |
| MASSACHUSETTS   | 73   | 22                  |  | 15                             | 14                     | *   |
| MASSACHUSETTS   | 73   | 8                   |  | 121                            | 100                    | *   |
| MASSACHUSETTS   | 73   | 33                  |  | 30                             | 23                     | *   |
| MASSACHUSETTS   | 73   | 38                  |  | 56                             | 47                     | *   |
| MASSACHUSETTS   | 73   | 38                  |  | 44                             | 33                     | *   |
| 122 CENTRAL MICHIGAN                                    |      |                     |  |                                |                        |     |
|   |      | ** PRIORITY 3 **    |  |                                | AS OF JUNE 08, 1974    |     |
| MICHIGAN  | 73   | 41                  |  | 110                            | 46                     | .11 |
| MICHIGAN  | 73   | 21                  |  | 44                             | 39                     | *   |
| MICHIGAN  | 73   | 49                  |  | 191                            | 137                    | .28 |
| MICHIGAN  | 73   | 50                  |  | 115                            | 57                     | .20 |
| MICHIGAN  | 73   | 22                  |  | 45                             | 26                     | *   |
| MICHIGAN  | 73   | 58                  |  | 45                             | 40                     | .13 |
| MICHIGAN  | 73   | 5                   |  | 40                             | 19                     | *   |
| MICHIGAN  | 73   | 53                  |  | 65                             | 41                     | .08 |
| MICHIGAN  | 73   | 61                  |  | 211                            | 147                    | .21 |
| MICHIGAN  | 73   | 61                  |  | 83                             | 64                     | .16 |
| MICHIGAN  | 73   | 21                  |  | 23                             | 13                     | *   |
| 123 METROPOLITAN DETROIT-PORT HURON (MICH)              |      |                     |  |                                |                        |     |
|   |      | ** PRIORITY 1 **    |  |                                | AS OF JUNE 08, 1974    |     |
| MICHIGAN  | 73   | 21                  |  | 64                             | 54                     | *   |
| MICHIGAN  | 73   | 19                  |  | 233                            | 84                     | *   |
| MICHIGAN  | 73   | 46                  |  | 158                            | 146                    | .54 |
| MICHIGAN  | 73   | 51                  |  | 186                            | 124                    | .38 |
| MICHIGAN  | 73   | 47                  |  | 74                             | 64                     | .22 |
| MICHIGAN  | 73   | 43                  |  | 91                             | 35                     | .11 |
| MICHIGAN  | 73   | 30                  |  | 109                            | 94                     | *   |
| MICHIGAN  | 73   | 50                  |  | 147                            | 147                    | .22 |

Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE (SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION                    | YEAR | NO. OF VALID VALUES | NO. OF VALUES EXC'D *G | HIGHEST 24-HR VALUES UG/CU.M. | ANNUAL RATIO TO MEAN |          |
|---|------|---------------------|------------------------|-------------------------------|----------------------|----------|
|   |      |                     |                        |                               | ANN. STD             | UG/CU.M. |
| 124 METROPOLITAN TOLEDO (MICH-OHIO)           |      |                     |                        |                               |                      |          |
| MICHIGAN                                      | 73   | 15                  |                        | 140                           | 82                   | *        |
| MICHIGAN                                      | 73   | 59                  |                        | 84                            | 33                   | .11      |
| OHIO  | 73   | 24                  |                        | 36                            | 31                   | *        |
| 125 SOUTH CENTRAL MICHIGAN                    |      |                     |                        |                               |                      |          |
| MICHIGAN                                      | 73   | 58                  |                        | 54                            | 31                   | .06      |
| MICHIGAN                                      | 73   | 17                  |                        | 75                            | 69                   | *        |
| 126 UPPER MICHIGAN                            |      |                     |                        |                               |                      |          |
| MICHIGAN                                      | 73   | 54                  |                        | 122                           | 64                   | .24      |
| MICHIGAN                                      | 73   | 49                  |                        | 26                            | 17                   | .06      |
| MICHIGAN                                      | 73   | 51                  |                        | 33                            | 16                   | .05      |
| MICHIGAN                                      | 73   | 50                  |                        | 63                            | 25                   | .07      |
| 127 CENTRAL MINNESOTA                         |      |                     |                        |                               |                      |          |
| MINNESOTA                                     | 73   | 60                  |                        | 28                            | 23                   | .07      |
| 128 SOUTHEAST MINNESOTA-LA CROSSE (MINN-WISC) |      |                     |                        |                               |                      |          |
| MINNESOTA                                     | 73   | 82                  |                        | 112                           | 70                   | .17      |
| MINNESOTA                                     | 73   | 88                  |                        | 94                            | 70                   | .19      |
| MINNESOTA                                     | 73   | 31                  |                        | 44                            | 36                   | *        |
| WISCONSIN                                     | 73   | 46                  |                        | 34                            | 27                   | .08      |
| WISCONSIN                                     | 73   | 111                 |                        | 102                           | 92                   | *        |
| WISCONSIN                                     | 73   | 81                  |                        | 28                            | 26                   | *        |
| 129 DULUTH-SUPERIOR (MINN-WISC)               |      |                     |                        |                               |                      |          |
| MINNESOTA                                     | 73   | 17                  |                        | 34                            | 31                   | *        |
| MINNESOTA                                     | 73   | 21                  |                        | 19                            | 16                   | *        |
| MINNESOTA                                     | 73   | 29                  |                        | 83                            | 34                   | *        |
| MINNESOTA                                     | 73   | 31                  |                        | 52                            | 49                   | *        |
| MINNESOTA                                     | 73   | 13                  |                        | 107                           | 2                    | *        |
| WISCONSIN                                     | 73   | 55                  |                        | 24                            | 19                   | *        |
| WISCONSIN                                     | 73   | 60                  |                        | 40                            | 36                   | *        |
| 30 METROPOLITAN FARGO-MOORHEAD (MINN-N.D.)    |      |                     |                        |                               |                      |          |
| MINNESOTA                                     | 73   | 9                   |                        | 28                            | 23                   | *        |
| MINNESOTA                                     | 73   | 42                  |                        | 68                            | 23                   | *        |

Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE(SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION   | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. |     | ANNUAL PATIO TO ARRITH. ANN. STD UG/CU.M. |      |
|--|------|---------------------|--|-------------------------------|-----|---|------|
|  |      |                     |  | 1ST                           | 2ND | ANN. STD                                  | MEAN |
| 131 MINNEAPOLIS-ST. PAUL (MINN) ** PRIORITY 1 ** AS OF JUNE 08, 1974 |      |                     |  |                               |     |   |      |
| MINNESOTA  | 73   | 70                  |  | 230                           | 230 | .47                                       | 37   |
| MINNESOTA  | 73   | 6                   |  | 34                            | 34  | *   |      |
| MINNESOTA  | 73   | 22                  |  | 10                            | 10  | *   |      |
| MINNESOTA  | 73   | 18                  |  | 52                            | 34  | *   |      |
| MINNESOTA  | 73   | 21                  |  | 99                            | 75  | *   |      |
| MINNESOTA  | 73   | 16                  |  | 73                            | 62  | *   |      |
| MINNESOTA  | 73   | 45                  |  | 269                           | 246 | .61                                       | 48   |
| MINNESOTA  | 73   | 45                  |  | 327                           | 280 | .68                                       | 54   |
| MINNESOTA  | 73   | 85                  |  | 112                           | 47  | .17                                       | 13   |
| MINNESOTA  | 73   | 18                  |  | 70                            | 57  | *   |      |
| MINNESOTA  | 73   | 85                  |  | 172                           | 133 | .31                                       | 25   |
| MINNESOTA  | 73   | 85                  |  | 138                           | 128 | .33                                       | 27   |
| MINNESOTA  | 73   | 85                  |  | 188                           | 183 | .27                                       | 21   |
| MINNESOTA  | 73   | 86                  |  | 68                            | 60  | .17                                       | 14   |
| MINNESOTA  | 73   | 85                  |  | 330                           | 133 | .33                                       | 27   |
| MINNESOTA  | 73   | 42                  |  | 123                           | 107 | *   |      |
| MINNESOTA  | 73   | 63                  | 2                                      | 922                           | 400 | *   |      |
| 132 NORTHWEST MINNESOTA ** PRIORITY 3 ** AS OF JUNE 08, 1974         |      |                     |  |                               |     |   |      |
| MINNESOTA  | 73   | 26                  |  | 23                            | 23  | *   |      |
| 133 SOUTHWEST MINNESOTA ** PRIORITY 3 ** AS OF JUNE 08, 1974         |      |                     |  |                               |     |   |      |
| MINNESOTA  | 73   | 58                  |  | 20                            | 20  | *   |      |
| 136 NORTHERN PIEDMONT (N.C.) ** PRIORITY 3 ** AS OF JUNE 08, 1974    |      |                     |  |                               |     |   |      |
| NORTH CAROLINA   | 34   | 39                  |  | 28                            | 12  | *   |      |
| NORTH CAROLINA   | 34   | 44                  |  | 63                            | 56  | *   |      |
| NORTH CAROLINA   | 34   | 42                  |  | 21                            | 6   | *   |      |
| NORTH CAROLINA   | 34   | 42                  |  | 28                            | 18  | *   |      |
| NORTH CAROLINA   | 34   | 44                  |  | 22                            | 19  | *   |      |
| NORTH CAROLINA   | 34   | 45                  |  | 20                            | 19  | *   |      |
| NORTH CAROLINA   | 34   | 43                  |  | 82                            | 59  | *   |      |
| NORTH CAROLINA   | 34   | 27                  |  | 71                            | 51  | .21                                       | 17   |
| NORTH CAROLINA   | 34   | 45                  |  | 51                            | 45  | *   |      |
| NORTH CAROLINA   | 34   | 16                  |  | 18                            | 18  | *   |      |
| NORTH CAROLINA   | 34   | 46                  |  | 15                            | 12  | *   |      |
| NORTH CAROLINA   | 34   | 40                  |  | 5                             | 5   | *   |      |
| NORTH CAROLINA   | 34   | 42                  |  | 49                            | 35  | *   |      |
| NORTH CAROLINA   | 34   | 43                  |  | 29                            | 7   | *   |      |
| NORTH CAROLINA   | 34   | 41                  |  | 25                            | 25  | *   |      |
| NORTH CAROLINA   | 34   | 11                  |  | 24                            | 21  | *   |      |
| NORTH CAROLINA   | 34   | 46                  |  | 28                            | 22  | *   |      |

Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE(SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION                             | ID | STATE   | COUNTY | SITE                  | YEAR | NO. OF VALID VALUES | NG. OF VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUE UG/CU.M. | ANNUAL RATIO TO MEAN UG/CU.M. |      |
|--|----|---------|--------|-----------------------|------|---------------------|----------------------------------|------------------------------|-------------------------------|------|
|  |    |         |        |                       |      |                     |                                  |                              | 1ST                           | 2ND  |
| 136 NORTHERN PIEDMONT (N.C.) (CONTINUED)               |    |         |        |                       |      |                     |                                  |                              |                               |      |
| NORTH CAROLINA   | 34 | 4460003 | G02    | WINSTON-SALEM         | 73   | 46                  | ** PRIORITY 3 **                 | 30                           | 28                            | *    |
| NORTH CAROLINA   | 34 | 4460005 | G01    | WINSTON-SALEM         | 73   | 45                  |                                  | 35                           | 19                            | *    |
| NORTH CAROLINA   | 34 | 4460006 | G01    | WINSTON-SALEM         | 73   | 44                  |                                  | 30                           | 27                            | *    |
| NORTH CAROLINA   | 34 | 4460007 | G01    | WINSTON-SALEM         | 73   | 15                  |                                  | 27                           | 23                            | *    |
| NORTH CAROLINA   | 34 | 4460009 | G02    | WINSTON-SALEM         | 73   | 44                  |                                  | 46                           | 43                            | *    |
| 139 SOUTHWEST MISSOURI                                 |    |         |        |                       |      |                     |                                  |                              |                               |      |
| MISSOURI   | 26 | 4480002 | A03    | SHANNON COUNTY        | 73   | 19                  | ** PRIORITY 3 **                 | 20                           | 12                            | *    |
| MISSOURI   | 26 | 4480002 | P03    | SHANNON COUNTY        | 73   | 5                   |                                  | 11                           | 9                             | *    |
| MISSOURI   | 26 | 4580017 | G01    | SPRINGFIELD           | 73   | 177                 |                                  | 26                           | 24                            | *    |
| 141 GREAT FALLS (MONT)                                 |    |         |        |                       |      |                     |                                  |                              |                               |      |
| MONTANA  | 27 | 0570001 | A03    | GLACIER NATIONAL PARK | 73   | 19                  | ** PRIORITY 1A **                | 10                           | 10                            | -    |
| 142 HELENA (MONT)                                      |    |         |        |                       |      |                     |                                  |                              |                               |      |
| MONTANA  | 27 | 0720901 | A05    | HELENA                | 73   | 61                  | ** PRIORITY 1A **                | 137                          | 115                           | *    |
| MONTANA  | 27 | 0760902 | A05    | JEFFERSON COUNTY      | 73   | 53                  |                                  | 61                           | 42                            | *    |
| MONTANA  | 27 | 0760903 | A05    | JEFFERSON COUNTY      | 73   | 58                  |                                  | 210                          | 167                           | *    |
| 145 LINCOLN-BEATRICE-FAIRBURY (NEB)                    |    |         |        |                       |      |                     |                                  |                              |                               |      |
| NEBRASKA   | 28 | 1560002 | A01    | LINCOLN               | 73   | 12                  | ** PRIORITY 3 **                 | 111                          | 14                            | *    |
| 147 NEVADA (REMAINDER)                                 |    |         |        |                       |      |                     |                                  |                              |                               |      |
| NEVADA   | 29 | 0160001 | F01    | ELY                   | 73   | 45                  | ** PRIORITY 1A **                | 174                          | 165                           | *51  |
| NEVADA   | 29 | 0560002 | F02    | WHITE PINE COUNTY     | 73   | 36                  |                                  | 1,270                        | 1,170                         | 3.22 |
| NEVADA   | 29 | 0560003 | F02    | WHITE PINE COUNTY     | 73   | 49                  | 9                                | 1,053                        | 695                           | 1.15 |
| NEVADA   | 29 | 0560901 | A05    | WHITE PINE COUNTY     | 73   | 80                  | 5                                | 483                          | 456                           | *    |
| NEVADA   | 29 | 0560902 | A05    | WHITE PINE COUNTY     | 73   | 69                  | 21                               | 927                          | 788                           | *    |
| NEVADA   | 29 | 0560903 | A05    | WHITE PINE COUNTY     | 73   | 64                  | 10                               | 526                          | 521                           | *    |
| 151 NORTHEAST PENNSYLVANIA-UPPER DEL. VAL. (PENN-N.J.) |    |         |        |                       |      |                     |                                  |                              |                               |      |
| PENNSYLVANIA   | 39 | 0120001 | A01    | ALLEN TOWN            | 73   | 29                  | ** PRIORITY 2 **                 | 103                          | 86                            | *37  |
| PENNSYLVANIA   | 39 | 7620001 | A01    | READING               | 73   | 17                  |                                  | 223                          | 119                           | *    |
| PENNSYLVANIA   | 39 | 8040001 | A01    | SCRANTON              | 73   | 24                  |                                  | 10                           | 10                            | *09  |
| 153 EL PASO-LAS CRUCES-ALAMOGORDO (N. MEX-TEX)         |    |         |        |                       |      |                     |                                  |                              |                               |      |
| NEW MEXICO   | 32 | 0340001 | F02    | DOMA ANA COUNTY       | 73   | 52                  | ** PRIORITY 1 **                 | 31                           | 18                            | *05  |
| NEW MEXICO   | 32 | 0340004 | F02    | DOMA ANA COUNTY       | 73   | 55                  |                                  | 390                          | 285                           | *77  |

Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE(SULFAMIC ACID), 24-HOUR BURHLER - 4240191

| AIR QUALITY CONTROL REGION  | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUE UG/CU.M. | ANNUAL PATIO TO MEAN UG/CU.M. |     |
|---|------|---------------------|--|------------------------------|-------------------------------|-----|
|   |      |                     |  |                              | 1ST                           | 2ND |
| <b>153 EL PASO-LAS CRUCES-ALAMAGORDO (N. MEX-TEX) (CONTINUED)</b> |      |                     |  |                              |                               |     |
| NEW MEXICO  | 73   | 38                  | ** PRIORITY 3 **                       | 2                            | 2                             | *   |
| NEW MEXICO  | 73   | 52                  |  | 23                           | 13                            | .04 |
| NEW MEXICO  | 73   | 45                  |  | 7                            | 7                             | *   |
| TEXAS   | 73   | 27                  |  | 33                           | 28                            | .13 |
| TEXAS   | 73   | 15                  |  | 21                           | 13                            | *   |
| TEXAS   | 73   | 14                  |  | 34                           | 20                            | *   |
| TEXAS   | 73   | 16                  |  | 73                           | 47                            | *   |
| TEXAS   | 73   | 14                  |  | 29                           | 18                            | *   |
| TEXAS   | 73   | 12                  |  | 2                            | 2                             | *   |
| TEXAS   | 73   | 14                  |  | 179                          | 110                           | *   |
| <b>154 NORTHEAST PLAINS (N. MEX)</b>                              |      |                     |  |                              |                               |     |
| NEW MEXICO  | 73   | 34                  | ** PRIORITY 3 **                       | 18                           | 7                             | *   |
| <b>155 PECOS-PERMIAN BASIN (N. MEX)</b>                           |      |                     |  |                              |                               |     |
| NEW MEXICO  | 73   | 23                  | ** PRIORITY 3 **                       | 5                            | 2                             | *   |
| <b>157 UPPER RIO GRANDE VALLEY (N. MEX)</b>                       |      |                     |  |                              |                               |     |
| NEW MEXICO  | 73   | 22                  | ** PRIORITY 3 **                       | 2                            | 2                             | *   |
| NEW MEXICO  | 73   | 8                   | ** PRIORITY 3 **                       | 2                            | 2                             | *   |
| <b>158 CENTRAL NEW YORK</b>                                       |      |                     |  |                              |                               |     |
| NEW YORK  | 73   | 23                  | ** PRIORITY 2 **                       | 68                           | 55                            | *   |
| NEW YORK  | 73   | 22                  |  | 19                           | 13                            | *   |
| NEW YORK  | 73   | 10                  |  | 107                          | 91                            | *   |
| NEW YORK  | 73   | 8                   |  | 31                           | 2                             | *   |
| NEW YORK  | 73   | 17                  |  | 33                           | 14                            | *   |
| NEW YORK  | 73   | 21                  |  | 34                           | 32                            | *   |
| <b>160 GENESEE-FINGER LAKES (N.Y.)</b>                            |      |                     |  |                              |                               |     |
| NEW YORK  | 73   | 47                  | ** PRIORITY 2 **                       | 65                           | 44                            | .20 |
| NEW YORK  | 73   | 46                  |  | 204                          | 112                           | .39 |
| NEW YORK  | 73   | 50                  |  | 238                          | 128                           | .48 |
| NEW YORK  | 73   | 48                  |  | 144                          | 104                           | .43 |
| NEW YORK  | 73   | 14                  |  | 73                           | 36                            | *   |
| NEW YORK  | 73   | 12                  |  | 70                           | 36                            | *   |
| NEW YORK  | 73   | 12                  |  | 73                           | 28                            | *   |
| NEW YORK  | 73   | 21                  |  | 100                          | 73                            | *   |
| NEW YORK  | 73   | 52                  |  | 261                          | 133                           | .59 |

Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GACKE(SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION                  | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUE UG/CU.M. 1ST 2ND | A N Y O R A L        |          |     |
|---|------|---------------------|--|--------------------------------------|----------------------|----------|-----|
|   |      |                     |  |                                      | PATIO TO ANNUAL MEAN | UG/CU.M. |     |
| 160 GENESEE-FINGER LAKES (N.Y.) (CONTINUED) |      |                     |  |                                      |                      |          |     |
| NEW YORK                                    | 73   | 54                  |  | 104                                  | 70                   | .30      | 24  |
| NEW YORK                                    | 73   | 55                  |  | 146                                  | 89                   | .40      | 39  |
| NEW YORK                                    | 73   | 42                  |  | 75                                   | 62                   | *        |     |
| NEW YORK                                    | 73   | 8                   |  | 89                                   | 73                   | *        |     |
| ** PRIORITY 2 **                            |      |                     |  |                                      |                      |          |     |
| NEW YORK                                    | 73   | 20                  |  | 82                                   | 71                   | *        |     |
| NEW YORK                                    | 73   | 54                  |  | 151                                  | 130                  | .70      | 56  |
| NEW YORK                                    | 73   | 49                  | 1                                      | 419                                  | 222                  | 1.03     | 83  |
| NEW YORK                                    | 73   | 14                  |  | 128                                  | 102                  | *        |     |
| NEW YORK                                    | 73   | 23                  |  | 104                                  | 52                   | *        |     |
| NEW YORK                                    | 73   | 21                  |  | 10                                   | 7                    | *        |     |
| NEW YORK                                    | 73   | 20                  |  | 73                                   | 65                   | *        |     |
| NEW YORK                                    | 73   | 9                   |  | 86                                   | 55                   | *        |     |
| NEW YORK                                    | 73   | 26                  |  | 44                                   | 39                   | *        |     |
| ** PRIORITY 1 **                            |      |                     |  |                                      |                      |          |     |
| NEW YORK                                    | 73   | 19                  |  | 70                                   | 58                   | *        |     |
| NEW YORK                                    | 73   | 19                  |  | 209                                  | 183                  | *        |     |
| NEW YORK                                    | 73   | 16                  |  | 78                                   | 52                   | *        |     |
| NEW YORK                                    | 73   | 13                  | 1                                      | 445                                  | 227                  | *        |     |
| NEW YORK                                    | 73   | 55                  |  | 261                                  | 186                  | .90      | 72  |
| NEW YORK                                    | 73   | 13                  | 1                                      | 461                                  | 225                  | *        |     |
| NEW YORK                                    | 73   | 55                  |  | 212                                  | 206                  | .63      | 50  |
| NEW YORK                                    | 73   | 22                  |  | 56                                   | 45                   | *        |     |
| NEW YORK                                    | 73   | 174                 | 1                                      | 1,729                                | 309                  | 1.01     | 81  |
| NEW YORK                                    | 73   | 55                  | 1                                      | 500                                  | 337                  | 1.59     | 127 |
| NEW YORK                                    | 73   | 55                  |  | 314                                  | 309                  | 1.64     | 131 |
| NEW YORK                                    | 73   | 18                  |  | 130                                  | 130                  | *        |     |
| NEW YORK                                    | 73   | 16                  |  | 52                                   | 52                   | *        |     |
| ** PRIORITY 2 **                            |      |                     |  |                                      |                      |          |     |
| NEW YORK                                    | 73   | 32                  |  | 117                                  | 70                   | .31      | 25  |
| NEW YORK                                    | 73   | 42                  |  | 319                                  | 136                  | .64      | 51  |
| ** PRIORITY 3 **                            |      |                     |  |                                      |                      |          |     |
| NORTH CAROLINA                              | 73   | 46                  |  | 34                                   | 32                   | *        |     |
| NORTH CAROLINA                              | 73   | 27                  |  | 5                                    | 5                    | *        |     |
| NORTH CAROLINA                              | 73   | 46                  |  | 36                                   | 28                   | *        |     |
| NORTH CAROLINA                              | 73   | 27                  |  | 5                                    | 5                    | *        |     |
| 164 SOUTHERN TIER WEST (N.Y.)               |      |                     |  |                                      |                      |          |     |
| NEW YORK                                    | 73   | 32                  |  | 117                                  | 70                   | .31      | 25  |
| NEW YORK                                    | 73   | 42                  |  | 319                                  | 136                  | .64      | 51  |
| 165 EASTERN MOUNTAIN (N.C.)                 |      |                     |  |                                      |                      |          |     |
| NORTH CAROLINA                              | 34   | 680001              | G01                                    | ALEXANDER COUNTY                     |                      |          |     |
| NORTH CAROLINA                              | 34   | 0400001             | F02                                    | BOONE                                |                      |          |     |
| NORTH CAROLINA                              | 34   | 0660001             | G01                                    | CATAWBA COUNTY                       |                      |          |     |
| NORTH CAROLINA                              | 34   | 0840012             | G01                                    | CLEVELAND COUNTY                     |                      |          |     |

Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEK(SULFURIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION                     | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEEDED | HIGHEST 24-HR VALUE UG/CU.M. | ANNUAL RATIO |     | AS OF JUNE 08, 1974 |
|--|------|---------------------|------------------------------|------------------------------|--------------|-----|---------------------|
|  |      |                     |                              |                              | 1ST          | 2ND |                     |
| <b>165 EASTERN MOUNTAIN (N.C.) (CONTINUED)</b> |      |                     |                              |                              |              |     |                     |
| NORTH CAROLINA                                 | 73   | 27                  | 0840013                      | 8                            | 5            | *   | *                   |
| NORTH CAROLINA                                 | 73   | 45                  | 0910601                      | 45                           | 40           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 30                  | 1460001                      | 5                            | 5            | *   | *                   |
| NORTH CAROLINA                                 | 73   | 16                  | 1960001                      | 16                           | 16           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 46                  | 1960002                      | 36                           | 35           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 40                  | 2200001                      | 5                            | 5            | *   | *                   |
| NORTH CAROLINA                                 | 73   | 44                  | 2300001                      | 29                           | 24           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 29                  | 2480001                      | 5                            | 5            | *   | *                   |
| NORTH CAROLINA                                 | 73   | 27                  | 2540001                      | 5                            | 5            | *   | *                   |
| NORTH CAROLINA                                 | 73   | 45                  | 2740001                      | 31                           | 17           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 47                  | 2900001                      | 47                           | 22           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 39                  | 3660001                      | 9                            | 8            | *   | *                   |
| NORTH CAROLINA                                 | 73   | 25                  | 3880001                      | 5                            | 5            | *   | *                   |
| NORTH CAROLINA                                 | 73   | 5                   | 3880002                      | 5                            | 5            | *   | *                   |
| NORTH CAROLINA                                 | 73   | 30                  | 4360001                      | 5                            | 5            | *   | *                   |
| NORTH CAROLINA                                 | 73   | 29                  | 4500002                      | 5                            | 5            | *   | *                   |
| <b>** PRIORITY 3 **</b>                        |      |                     |                              |                              |              |     |                     |
| <b>166 EASTERN PIEDMONT (N.C.)</b>             |      |                     |                              |                              |              |     |                     |
| NORTH CAROLINA                                 | 73   | 42                  | 6680003                      | 53                           | 27           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 43                  | 0720002                      | 82                           | 47           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 23                  | 1160001                      | 80                           | 66           | .22 | 17                  |
| NORTH CAROLINA                                 | 73   | 42                  | 1160001                      | 31                           | 26           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 45                  | 1160002                      | 81                           | 81           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 15                  | 1880001                      | 47                           | 27           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 23                  | 1880002                      | 31                           | 30           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 22                  | 3040001                      | 50                           | 44           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 44                  | 3240002                      | 65                           | 55           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 44                  | 3240003                      | 108                          | 72           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 32                  | 3240006                      | 110                          | 69           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 44                  | 3360001                      | 47                           | 42           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 44                  | 3440001                      | 47                           | 43           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 44                  | 3480001                      | 47                           | 34           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 41                  | 3580001                      | 53                           | 31           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 42                  | 3760001                      | 53                           | 19           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 42                  | 4420001                      | 31                           | 26           | *   | *                   |
| <b>** PRIORITY 2 **</b>                        |      |                     |                              |                              |              |     |                     |
| <b>167 METROPOLITAN CHARLOTTE (N.C.-S.C.)</b>  |      |                     |                              |                              |              |     |                     |
| NORTH CAROLINA                                 | 73   | 43                  | 0060001                      | 34                           | 31           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 22                  | 0300001                      | 5                            | 5            | *   | *                   |
| NORTH CAROLINA                                 | 73   | 29                  | 0340006                      | 39                           | 21           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 21                  | 0700001                      | 23                           | 11           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 45                  | 0700004                      | 47                           | 27           | *   | *                   |
| NORTH CAROLINA                                 | 73   | 42                  | 0700006                      | 65                           | 48           | *   | *                   |



Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: \*EST-GAEKE(SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION        | 167 METROPOLITAN CHARLOTTE (N.C.-S.C.) (CONTINUED) | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. | A N N U A L |                               |
|-----------------------------------|--|------|---------------------|--|-------------------------------|-------------|-------------------------------|
|                                   |  |      |                     |  |                               | ANN. STD    | RATIO TO ARITH. MFAN UG/CU.M. |
| NORTH CAROLINA                    | 34 6700GG7 G01 CHARLOTTE                           | 73   | 42                  |  | 16                            | 8           | *                             |
| NORTH CAROLINA                    | 34 0700008 G01 CHARLOTTE                           | 73   | 43                  |  | 26                            | 12          | *                             |
| NORTH CAROLINA                    | 34 0700009 G02 CHARLOTTE                           | 73   | 40                  |  | 40                            | 30          | *                             |
| NORTH CAROLINA                    | 34 6700011 G01 CHARLOTTE                           | 73   | 42                  |  | 65                            | 59          | *                             |
| NORTH CAROLINA                    | 34 0760002 G01 CHERRYVILLE                         | 73   | 28                  |  | 5                             | 5           | *                             |
| NORTH CAROLINA                    | 34 09CGG02 F01 CCNCCRD                             | 73   | 30                  |  | 19                            | 10          | *                             |
| NORTH CAROLINA                    | 34 1000003 G01 DALLAS                              | 73   | 21                  |  | 5                             | 5           | *                             |
| NORTH CAROLINA                    | 34 1040001 G01 DAVISON                             | 73   | 45                  |  | 45                            | 40          | *                             |
| NORTH CAROLINA                    | 34 1580002 G02 GASTONIA                            | 73   | 25                  |  | 5                             | 5           | *                             |
| NORTH CAROLINA                    | 34 2060001 F02 TREDDELL COUNTY                     | 73   | 42                  |  | 113                           | 38          | *                             |
| NORTH CAROLINA                    | 34 2160001 F02 KANNAPOLIS                          | 73   | 17                  |  | 37                            | 15          | *                             |
| NORTH CAROLINA                    | 34 2380001 F01 LINCCLNTON                          | 73   | 43                  |  | 12                            | 5           | *                             |
| NORTH CAROLINA                    | 34 2380002 F01 LINCCLNTON                          | 73   | 43                  |  | 25                            | 16          | *                             |
| NORTH CAROLINA                    | 34 2580001 G01 MECKLENBURG COUNTY                  | 73   | 41                  |  | 24                            | 24          | *                             |
| NORTH CAROLINA                    | 34 2640001 F01 MURDE                               | 73   | 43                  |  | 14                            | 12          | *                             |
| NORTH CAROLINA                    | 34 2780001 G02 MT. HOLLY                           | 73   | 21                  |  | 5                             | 5           | *                             |
| NORTH CAROLINA                    | 34 3460005 G02 ROMAN COUNTY                        | 73   | 26                  |  | 15                            | 14          | *                             |
| NORTH CAROLINA                    | 34 3460019 G01 ROMAN COUNTY                        | 73   | 21                  |  | 71                            | 50          | *                             |
| NORTH CAROLINA                    | 34 3540001 G01 SALISBURY                           | 73   | 34                  |  | 25                            | 15          | *                             |
| NORTH CAROLINA                    | 34 3540002 G01 SALISBURY                           | 73   | 32                  |  | 25                            | 20          | *                             |
| NORTH CAROLINA                    | 34 3920001 F01 STATESVILLE                         | 73   | 36                  |  | 25                            | 11          | *                             |
| SOUTH CAROLINA                    | 42 1440001 F01 LANCASTER                           | 73   | 59                  |  | 43                            | 36          | .10                           |
| SOUTH CAROLINA                    | 42 1920001 F01 ROCK HILL                           | 73   | 61                  |  | 96                            | 81          | .16                           |
| SOUTH CAROLINA                    | 42 1920004 F01 ROCK HILL                           | 73   | 24                  |  | 99                            | 48          | *                             |
| SOUTH CAROLINA                    | 42 2420001 F01 YORK                                | 73   | 62                  |  | 36                            | 35          | .09                           |
| SOUTH CAROLINA                    | 42 2440001 F01 YORK COUNTY                         | 73   | 45                  |  | 323                           | 121         | *                             |
| SOUTH CAROLINA                    | 42 2440001 F03 YCRK COUNTY                         | 73   | 16                  |  | 121                           | 89          | *                             |
| 168 NORTHERN COASTAL PLAIN (N.C.) |  |      | ** PRIORITY 3 **    |  |                               |             | AS OF JUNE 08, 1974           |
| NORTH CAROLINA                    | 34 0020001 F01 AHOSSKIE                            | 73   | 40                  |  | 7                             | 5           | *                             |
| NORTH CAROLINA                    | 34 0280001 F02 BEAUFORT COUNTY                     | 73   | 45                  |  | 5                             | 5           | *                             |
| NORTH CAROLINA                    | 34 0320001 F02 BERTIE COUNTY                       | 73   | 43                  |  | 6                             | 5           | *                             |
| NORTH CAROLINA                    | 34 0590001 A03 CAPE HATTERAS NAT SEA               | 73   | 22                  |  | 14                            | 10          | .08                           |
| NORTH CAROLINA                    | 34 1280001 F01 EDENTON                             | 73   | 41                  |  | 10                            | 5           | *                             |
| NORTH CAROLINA                    | 34 1320001 F01 ELIZABETH CITY                      | 73   | 37                  |  | 5                             | 5           | *                             |
| NORTH CAROLINA                    | 34 1400001 F02 FARMVILLE                           | 73   | 41                  |  | 8                             | 8           | *                             |
| NORTH CAROLINA                    | 34 1760001 F01 GREENVILLE                          | 73   | 43                  |  | 5                             | 5           | *                             |
| NORTH CAROLINA                    | 34 1940001 F02 HERTFORD COUNTY                     | 73   | 42                  |  | 7                             | 5           | *                             |
| NORTH CAROLINA                    | 34 1940002 F02 HERTFORD COUNTY                     | 73   | 43                  |  | 5                             | 5           | *                             |
| NORTH CAROLINA                    | 34 3160001 F02 PLYMOUTH                            | 73   | 44                  |  | 6                             | 5           | *                             |
| NORTH CAROLINA                    | 34 4220001 F01 WASHINGTON                          | 73   | 44                  |  | 5                             | 5           | *                             |
| 169 SANDHILLS (N.C.)              |  |      | ** PRIORITY 3 **    |  |                               |             | AS OF JUNE 08, 1974           |
| NORTH CAROLINA                    | 34 1120001 F01 DUNN                                | 73   | 44                  |  | 51                            | 30          | *                             |

Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE(SULFAMIC ACID), 24-HOUR BUBBLEK - 4240191

| AIR QUALITY CONTROL REGION     | 169 SANDHILLS (N.C.) (CONTINUED)  | YEAR                            | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. |     | ANN. STD MEAN UG/CU.M. |      |   |
|--------------------------------|-----------------------------------|---------------------------------|---------------------|--|-------------------------------|-----|------------------------|------|---|
|                                |                                   |                                 |                     |  | 1ST                           | 2ND | ANN. STD               | MEAN |   |
| NORTH CAROLINA                 | 34 1420002 F01 FAYETTEVILLE       | 73                              | 44                  |  | 124                           | 46  | *                      | *    |   |
|                                | 34 1420003 F02 FAYETTEVILLE       | 73                              | 44                  |  | 69                            | 53  | *                      | *    |   |
|                                | 34 2240001 F01 LAURINBURG         | 73                              | 42                  |  | 63                            | 28  | *                      | *    |   |
|                                | 34 2460001 F01 LUMBERTON          | 73                              | 15                  |  | 48                            | 22  | *                      | *    |   |
|                                | 34 2460002 F01 LUMBERTON          | 73                              | 23                  |  | 103                           | 50  | *                      | *    |   |
|                                | 34 3400001 F02 ROCKINGHAM         | 73                              | 37                  |  | 14                            | 10  | *                      | *    |   |
|                                | 34 3720001 F01 SOUTHERN PINES     | 73                              | 43                  |  | 38                            | 34  | *                      | *    |   |
|                                | ** PRIORITY 3 **                  |                                 |                     |  |                               |     |                        |      |   |
|                                | 170 SOUTHERN COASTAL PLAIN (N.C.) |                                 |                     |  |                               |     |                        |      |   |
|                                | NORTH CAROLINA                    | 34 0460002 F02 BRUNSWICK COUNTY | 73                  | 40                                     |                               | 11  | 10                     | *    | * |
| 34 0880001 F02 COLUMBUS COUNTY |                                   | 73                              | 39                  |  | 7                             | 6   | *                      | *    |   |
| 34 0880002 F02 COLUMBUS COUNTY |                                   | 73                              | 36                  |  | 10                            | 6   | *                      | *    |   |
| 34 0940001 F02 CRAVEN COUNTY   |                                   | 73                              | 42                  |  | 10                            | 5   | *                      | *    |   |
| 34 1140001 F01 DUPLIN COUNTY   |                                   | 73                              | 43                  |  | 5                             | 5   | *                      | *    |   |
| 34 1620002 F01 GOLDSBORO       |                                   | 73                              | 43                  |  | 16                            | 10  | *                      | *    |   |
| 34 2100002 F01 JACKSONVILLE    |                                   | 73                              | 43                  |  | 8                             | 5   | *                      | *    |   |
| 34 2220001 F02 KINSTON         |                                   | 73                              | 43                  |  | 6                             | 5   | *                      | *    |   |
| 34 2720001 F02 MOREHEAD CITY   |                                   | 73                              | 44                  |  | 65                            | 64  | *                      | *    |   |
| 34 2860001 F01 NEW BERN        |                                   | 73                              | 43                  |  | 5                             | 5   | *                      | *    |   |
| NORTH CAROLINA                 | 34 4185001 F01 WALLACE            | 73                              | 40                  |  | 5                             | 5   | *                      | *    |   |
|                                | 34 4400002 F01 WILMINGTON         | 73                              | 41                  |  | 52                            | 17  | *                      | *    |   |
|                                | 34 4400004 F02 WILMINGTON         | 73                              | 44                  |  | 42                            | 38  | *                      | *    |   |
|                                | ** PRIORITY 3 **                  |                                 |                     |  |                               |     |                        |      |   |
|                                | 171 WESTERN MOUNTAIN (N.C.)       |                                 |                     |  |                               |     |                        |      |   |
|                                | NORTH CAROLINA                    | 34 0180002 I01 ASHEVILLE        | 73                  | 42                                     |                               | 24  | 14                     | *    | * |
|                                |                                   | 34 0180004 I02 ASHEVILLE        | 73                  | 42                                     |                               | 5   | 5                      | *    | * |
|                                |                                   | 34 0180005 I01 ASHEVILLE        | 73                  | 44                                     |                               | 17  | 10                     | *    | * |
|                                |                                   | 34 0420001 F02 BREVARD          | 73                  | 27                                     |                               | 5   | 5                      | *    | * |
|                                |                                   | 34 0480021 I01 BUNCOMBE COUNTY  | 73                  | 42                                     |                               | 5   | 5                      | *    | * |
| 34 0480023 I02 BUNCOMBE COUNTY |                                   | 73                              | 40                  |  | 28                            | 19  | *                      | *    |   |
| 34 0580002 I02 CANTON          |                                   | 73                              | 43                  |  | 15                            | 12  | *                      | *    |   |
| 34 1860006 I02 HAYWOOD COUNTY  |                                   | 73                              | 43                  |  | 8                             | 7   | *                      | *    |   |
| 34 1920003 F02 HENDERSONVILLE  |                                   | 73                              | 26                  |  | 5                             | 5   | *                      | *    |   |
| 34 2080002 F02 JACKSON COUNTY  |                                   | 73                              | 28                  |  | 10                            | 5   | *                      | *    |   |
| NORTH CAROLINA                 | 34 3980001 F01 SWAIN COUNTY       | 73                              | 30                  |  | 5                             | 5   | *                      | *    |   |
|                                | 34 4300003 I01 WAYNESVILLE        | 73                              | 43                  |  | 35                            | 14  | *                      | *    |   |
|                                | ** PRIORITY 2 **                  |                                 |                     |  |                               |     |                        |      |   |
|                                | 173 DAYTON (OHIO)                 |                                 |                     |  |                               |     |                        |      |   |
|                                | OHIO                              | 36 1660001 A01 DAYTON           | 73                  | 15                                     |                               | 68  | 44                     | *    | * |
|                                |                                   | 36 1660015 G01 DAYTON           | 73                  | 41                                     | 3                             | 991 | 789                    | *    | * |
|                                |                                   | 36 1660017 G01 DAYTON           | 73                  | 38                                     |                               | 143 | 93                     | *    | * |
|                                |                                   | 36 1940001 G01 EATON            | 73                  | 22                                     |                               | 200 | 192                    | *    | * |

Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GARKE(SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION                | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. |     | AV N U A L RATIO TO ANNH. STD UG/CU.M. | ARITH. MEAN |
|---|------|---------------------|--|-------------------------------|-----|--|-------------|
|   |      |                     |  | 1ST                           | 2ND |  |             |
| 173 DAYTON (OHIO) (CONTINUED)             |      |                     |  |                               |     |  |             |
| OHIO                                      | 73   | 34                  | 1                                      | 370                           | 153 | *                                      | *           |
| OHIO                                      | 73   | 43                  |  | 153                           | 111 | *                                      | *           |
| OHIO                                      | 73   | 42                  |  | 201                           | 198 | *                                      | *           |
| OHIO                                      | 73   | 45                  | 1                                      | 477                           | 276 | *                                      | *           |
| OHIO                                      | 73   | 30                  | 1                                      | 496                           | 278 | *                                      | *           |
| OHIO                                      | 73   | 25                  | 1                                      | 142                           | 142 | *                                      | *           |
| OHIO                                      | 75   | 34                  | 1                                      | 496                           | 204 | *                                      | *           |
| OHIO                                      | 73   | 31                  | 1                                      | 496                           | 182 | *                                      | *           |
| OHIO                                      | 73   | 18                  |  | 135                           | 52  | *                                      | *           |
| OHIO                                      | 73   | 25                  |  | 192                           | 175 | *                                      | *           |
| 174 GREATER METROPOLITAN CLEVELAND (OHIO) |      |                     |  |                               |     |  |             |
| OHIO                                      | 73   | 18                  |  | 131                           | 104 | *                                      | 53          |
| OHIO                                      | 73   | 50                  |  | 300                           | 199 | .66                                    | 73          |
| OHIO                                      | 73   | 52                  |  | 200                           | 155 | .91                                    | 41          |
| OHIO                                      | 73   | 53                  |  | 194                           | 136 | .52                                    | 44          |
| OHIO                                      | 73   | 45                  |  | 136                           | 130 | .56                                    | 43          |
| OHIO                                      | 73   | 50                  |  | 190                           | 176 | .54                                    | *           |
| OHIO                                      | 73   | 21                  |  | 70                            | 61  | *                                      | 11          |
| OHIO                                      | 73   | 30                  |  | 41                            | 39  | .14                                    | 30          |
| OHIO                                      | 73   | 31                  |  | 112                           | 94  | .37                                    | 31          |
| OHIO                                      | 73   | 26                  |  | 125                           | 99  | .39                                    | 28          |
| OHIO                                      | 73   | 30                  |  | 125                           | 73  | .49                                    | 39          |
| OHIO                                      | 73   | 51                  |  | 128                           | 95  | .35                                    | 21          |
| OHIO                                      | 73   | 12                  |  | 126                           | 93  | *                                      | 45          |
| OHIO                                      | 73   | 49                  |  | 108                           | 107 | *                                      | 37          |
| OHIO                                      | 73   | 46                  |  | 102                           | 86  | .26                                    | 60          |
| OHIO                                      | 73   | 65                  |  | 152                           | 142 | .56                                    | 49          |
| OHIO                                      | 73   | 51                  |  | 136                           | 109 | *                                      | 45          |
| OHIO                                      | 73   | 66                  |  | 184                           | 128 | .47                                    | 41          |
| OHIO                                      | 73   | 59                  |  | 187                           | 161 | .75                                    | 45          |
| OHIO                                      | 73   | 74                  |  | 227                           | 181 | .62                                    | 41          |
| OHIO                                      | 73   | 64                  |  | 317                           | 184 | .56                                    | 49          |
| OHIO                                      | 73   | 64                  |  | 239                           | 215 | *                                      | 41          |
| OHIO                                      | 73   | 75                  |  | 179                           | 119 | .52                                    | 49          |
| OHIO                                      | 73   | 62                  |  | 208                           | 185 | .61                                    | *           |
| OHIO                                      | 73   | 55                  |  | 174                           | 164 | *                                      | *           |
| OHIO                                      | 73   | 80                  |  | 241                           | 202 | *                                      | *           |
| OHIO                                      | 73   | 53                  |  | 140                           | 123 | *                                      | *           |
| OHIO                                      | 73   | 53                  | 1                                      | 414                           | 212 | *                                      | *           |
| OHIO                                      | 73   | 62                  |  | 198                           | 173 | *                                      | 40          |
| OHIO                                      | 73   | 49                  |  | 204                           | 194 | *                                      | 37          |
| OHIO                                      | 73   | 55                  |  | 245                           | 122 | .50                                    | 46          |
| OHIO                                      | 73   | 59                  |  | 177                           | 124 | .46                                    |             |

Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE(SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION | 174 GREATER METROPOLITAN CLEVELAND (OHIO) (CONTINUED) | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEEDING 24-HR STD. | HIGHEST 24-HR VALUE UG/CU.M. | RATIO TO ANNUAL MEAN |          |
|----------------------------|---|------|---------------------|--|------------------------------|----------------------|----------|
|                            |   |      |                     |  |                              | ANN. STD             | UG/CU.M. |
| OHIO                       | 36 2380002 G03 GEauga COUNTY                          | 73   | 41                  | ** PRIORITY 2 **                         | 195                          | 178                  | *        |
| OHIO                       | 36 3280001 G03 LAKE COUNTY                            | 73   | 25                  |  | 62                           | 50                   | *        |
| OHIO                       | 36 3280003 G02 LAKE COUNTY                            | 73   | 59                  |  | 156                          | 154                  | .62      |
| OHIO                       | 36 3280004 G03 LAKE COUNTY                            | 73   | 54                  | ** PRIORITY 3 **                         | 189                          | 113                  | .47      |
| OHIO                       | 36 3620002 H02 LORAIN                                 | 73   | 39                  |  | 53                           | 23                   | *        |
| OHIO                       | 36 3620004 H01 LORAIN                                 | 73   | 27                  |  | 36                           | 34                   | *        |
| OHIO                       | 36 3620007 H02 LORAIN                                 | 73   | 34                  |  | 25                           | 14                   | *        |
| OHIO                       | 36 5320002 G02 PAINESVILLE                            | 73   | 61                  |  | 175                          | 151                  | .73      |
| OHIO                       | 36 5680001 H01 RAVENNA                                | 73   | 50                  |  | 126                          | 88                   | .37      |
| OHIO                       | 36 6400001 H03 STARK COUNTY                           | 73   | 30                  |  | 115                          | 75                   | .33      |
| OHIO                       | 36 6400002 H03 STARK COUNTY                           | 73   | 31                  |  | 65                           | 65                   | .26      |
| OHIO                       | 36 7380001 G02 WICKLIFFE                              | 73   | 49                  |  | 89                           | 87                   | .31      |
| OHIO                       | 36 7480001 G01 WILLOWICK                              | 73   | 30                  |  | 145                          | 140                  | .31      |
| OHIO                       | 175 MANSFIELD-MARION (OHIO)                           |      |                     | ** PRIORITY 2 **                         |                              |                      |          |
| OHIO                       | 36 7160001 H03 WAYNE COUNTY                           | 73   | 54                  |  | 103                          | 93                   | .30      |
| OHIO                       | 36 1460001 A01 COLUMBUS                               | 73   | 8                   | ** PRIORITY 3 **                         | 49                           | 43                   | *        |
| PENNSYLVANIA               | 178 NORTHWEST PENNSYLVANIA-YOUNGSTOWN (OHIO-PENN)     |      |                     | ** PRIORITY 2 **                         |                              |                      |          |
| PENNSYLVANIA               | 36 7760001 A01 YOUNGSTOWN                             | 73   | 20                  |  | 80                           | 76                   | *        |
| PENNSYLVANIA               | 39 3060002 A01 ERIE                                   | 73   | 27                  |  | 121                          | 89                   | .23      |
| OHIO                       | 181 STEUBENVILLE-WEIRTON-WHEELING (OHIO-W.VA)         |      |                     | ** PRIORITY 1 **                         |                              |                      |          |
| OHIO                       | 36 1900001 I01 EAST LIVERPOOL                         | 73   | 39                  |  | 358                          | 340                  | *        |
| OHIO                       | 36 3160008 I02 JEFFERSON COUNTY                       | 73   | 26                  |  | 227                          | 133                  | *        |
| OHIO                       | 36 3980002 I01 MARTINS FERRY                          | 73   | 35                  |  | 299                          | 209                  | *        |
| OHIO                       | 36 4460001 I02 MONROE COUNTY                          | 73   | 13                  |  | 76                           | 61                   | *        |
| OHIO                       | 36 5940001 I01 SALEM                                  | 73   | 23                  |  | 91                           | 41                   | *        |
| OHIO                       | 36 6420001 A01 STEUBENVILLE                           | 73   | 20                  |  | 166                          | 158                  | *        |
| OHIO                       | 36 6420001 I01 STEUBENVILLE                           | 73   | 204                 | 5  | 432                          | 403                  | *        |
| WEST VIRGINIA              | 50 0500004 F02 FOLLANSBEE                             | 73   | 5                   |  | 186                          | 131                  | *        |
| WEST VIRGINIA              | 50 0620005 F02 HANGOCK COUNTY                         | 73   | 5                   |  | 168                          | 128                  | *        |
| WEST VIRGINIA              | 50 1240001 F02 MOUNDSVILLE                            | 73   | 9                   |  | 71                           | 70                   | *        |
| WEST VIRGINIA              | 50 2000002 F02 WEIRTON                                | 73   | 9                   |  | 147                          | 81                   | *        |
| OKLAHOMA                   | 184 CENTRAL OKLAHOMA                                  |      |                     | ** PRIORITY 3 **                         |                              |                      |          |
| OKLAHOMA                   | 37 0940016 F01 EDMOND                                 | 73   | 44                  |  | 5                            | 5                    | .06      |
| OKLAHOMA                   | 37 1940006 F01 MIDWEST CITY                           | 73   | 51                  |  | 5                            | 5                    | .06      |

Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE (SULFAMIC ACID), 24-HOUR BURBLER - 4240191

| AIR QUALITY CONTROL REGION              | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HP STD. | HIGHEST 24-HR VALUES UG/CU.M. | ANNUAL RATIO TO MEAN |                     |
|---|------|---------------------|--|-------------------------------|----------------------|---------------------|
|   |      |                     |  |                               | ANN. STD             | UG/CU.M.            |
| <b>184 CENTRAL OKLAHOMA (CONTINUED)</b> |      |                     |  |                               |                      |                     |
| OKLAHOMA                                | 73   | 53                  |  | 5                             | 5                    | .06                 |
| OKLAHOMA                                | 73   | 52                  |  | 5                             | 5                    | .06                 |
| OKLAHOMA                                | 73   | 7                   |  | 6                             | 6                    | *                   |
| OKLAHOMA                                | 73   | 51                  |  | 5                             | 5                    | .06                 |
| OKLAHOMA                                | 73   | 87                  |  | 5                             | 5                    | .06                 |
| OKLAHOMA                                | 73   | 48                  |  | 5                             | 5                    | .06                 |
| OKLAHOMA                                | 73   | 44                  |  | 5                             | 5                    | .06                 |
| OKLAHOMA                                | 73   | 13                  |  | 9                             | 8                    | *                   |
| ** PRIORITY 3 **                        |      |                     |  |                               |                      |                     |
| 185 NORTH CENTRAL OKLAHOMA              |      |                     |  |                               |                      | AS OF JUNE 08, 1974 |
| OKLAHOMA                                | 73   | 45                  | 1                                      | 396                           | 249                  | *                   |
| ** PRIORITY 3 **                        |      |                     |  |                               |                      |                     |
| 186 NORTHEASTERN OKLAHOMA               |      |                     |  |                               |                      | AS OF JUNE 08, 1974 |
| OKLAHOMA                                | 73   | 33                  |  | 62                            | 50                   | *                   |
| OKLAHOMA                                | 73   | 16                  |  | 27                            | 23                   | *                   |
| OKLAHOMA                                | 73   | 35                  |  | 62                            | 26                   | *                   |
| OKLAHOMA                                | 73   | 43                  |  | 23                            | 13                   | *                   |
| OKLAHOMA                                | 73   | 23                  |  | 11                            | 11                   | *                   |
| OKLAHOMA                                | 73   | 96                  |  | 11                            | 11                   | *                   |
| OKLAHOMA                                | 73   | 102                 |  |                               |                      |                     |
| ** PRIORITY 3 **                        |      |                     |  |                               |                      |                     |
| 187 NORTHWESTERN OKLAHOMA               |      |                     |  |                               |                      | AS OF JUNE 08, 1974 |
| OKLAHOMA                                | 73   | 10                  |  | 2                             | 2                    | *                   |
| ** PRIORITY 3 **                        |      |                     |  |                               |                      |                     |
| 188 SOUTHEASTERN OKLAHOMA               |      |                     |  |                               |                      | AS OF JUNE 08, 1974 |
| OKLAHOMA                                | 73   | 40                  |  | 25                            | 20                   | *                   |
| OKLAHOMA                                | 73   | 28                  |  | 128                           | 67                   | .18                 |
| ** PRIORITY 3 **                        |      |                     |  |                               |                      |                     |
| 189 SOUTHWESTERN OKLAHOMA               |      |                     |  |                               |                      | AS OF JUNE 08, 1974 |
| OKLAHOMA                                | 73   | 41                  |  | 104                           | 39                   | .11                 |
| OKLAHOMA                                | 73   | 28                  |  | 25                            | 25                   | *                   |
| OKLAHOMA                                | 73   | 22                  |  | 8                             | 7                    | *                   |
| ** PRIORITY 3 **                        |      |                     |  |                               |                      |                     |
| 190 CENTRAL OREGON                      |      |                     |  |                               |                      | AS OF JUNE 08, 1974 |
| OREGON                                  | 73   | 19                  |  | 73                            | 13                   | *                   |
| ** PRIORITY 3 **                        |      |                     |  |                               |                      |                     |
| 191 EASTERN OREGON                      |      |                     |  |                               |                      | AS OF JUNE 08, 1974 |
| OREGON                                  | 73   | 33                  |  | 13                            | 13                   | *                   |

**Table B-1 (continued) . SULFUR DIOXIDE DATA**

METHOD: WEST-GAEKE (SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION       | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEEDED | HIGHEST 24-HR VALUE UG/CU.M. | ANNUAL RATIO TO APITH. MEAN UG/CU.M. |     |
|----------------------------------|------|---------------------|------------------------------|------------------------------|--------------------------------------|-----|
|                                  |      |                     |                              |                              | 1ST                                  | 2ND |
| AS OF JUNE 08, 1974              |      |                     |                              |                              |                                      |     |
| 192 NORTHWEST OREGON             |      | ** PRIORITY 3 **    |                              |                              |                                      |     |
| OREGON                           | 73   | 19                  |                              | 13                           | 13                                   | *   |
| 38 C080001 F01 ASTORIA           |      |                     |                              |                              |                                      |     |
| 193 PORTLAND (ORE-WASH)          |      | ** PRIORITY 1A **   |                              |                              |                                      |     |
| OREGON                           | 73   | 34                  |                              | 13                           | 13                                   | *   |
| 38 0380001 F01 CORVALLIS         |      |                     |                              |                              |                                      |     |
| OREGON                           | 73   | 43                  |                              | 13                           | 13                                   | *   |
| 38 0560007 F01 EUGENE            |      |                     |                              |                              |                                      |     |
| OREGON                           | 73   | 16                  |                              | 88                           | 24                                   | *   |
| 38 1460001 A01 PORTLAND          |      |                     |                              |                              |                                      |     |
| OREGON                           | 73   | 12                  |                              | 133                          | 110                                  | *   |
| 38 1460074 F02 PORTLAND          |      |                     |                              |                              |                                      |     |
| OREGON                           | 73   | 37                  |                              | 178                          | 115                                  | *   |
| 38 1580016 F01 SALEM             |      |                     |                              |                              |                                      |     |
| 194 SOUTHWEST OREGON             |      | ** PRIORITY 3 **    |                              |                              |                                      |     |
| OREGON                           | 73   | 47                  |                              | 13                           | 13                                   | *   |
| 38 1160001 F01 MEDFORD           |      |                     |                              |                              |                                      |     |
| 196 SOUTH CENTRAL PENNSYLVANIA   |      | ** PRIORITY 2 **    |                              |                              |                                      |     |
| PENNSYLVANIA                     | 73   | 13                  |                              | 66                           | 61                                   | *   |
| 39 4660002 A01 LANCASTER         |      |                     |                              |                              |                                      |     |
| PENNSYLVANIA                     | 73   | 20                  |                              | 93                           | 59                                   | *   |
| 39 5560002 A01 YORK              |      |                     |                              |                              |                                      |     |
| 197 SOUTHWEST PENNSYLVANIA       |      | ** PRIORITY 1 **    |                              |                              |                                      |     |
| PENNSYLVANIA                     | 73   | 12                  |                              | 45                           | 16                                   | *   |
| 39 4240002 A03 INDIANA COUNTY    |      |                     |                              |                              |                                      |     |
| PENNSYLVANIA                     | 73   | 8                   |                              | 45                           | 16                                   | *   |
| 39 4240003 A05 INDIANA COUNTY    |      |                     |                              |                              |                                      |     |
| PENNSYLVANIA                     | 73   | 20                  |                              | 70                           | 50                                   | *   |
| 39 7260001 A01 PITTSBURGH        |      |                     |                              |                              |                                      |     |
| 198 CAMDEN-SUMTER (S.C.)         |      | ** PRIORITY 3 **    |                              |                              |                                      |     |
| SOUTH CAROLINA                   | 73   | 56                  |                              | 48                           | 34                                   | .09 |
| 42 0500001 F01 CAMDEN            |      |                     |                              |                              |                                      |     |
| SOUTH CAROLINA                   | 73   | 61                  |                              | 7                            | 6                                    | .03 |
| 42 2120001 F01 SUMTER            |      |                     |                              |                              |                                      |     |
| 199 CHARLESTON (S.C.)            |      | ** PRIORITY 1 **    |                              |                              |                                      |     |
| SOUTH CAROLINA                   | 73   | 41                  |                              | 42                           | 21                                   | *   |
| 42 0420001 F01 BERKLEY COUNTY    |      |                     |                              |                              |                                      |     |
| SOUTH CAROLINA                   | 73   | 61                  |                              | 77                           | 59                                   | .07 |
| 42 0540001 G01 CHARLESTON        |      |                     |                              |                              |                                      |     |
| SOUTH CAROLINA                   | 73   | 51                  |                              | 60                           | 54                                   | .07 |
| 42 0560001 G01 CHARLESTON COUNTY |      |                     |                              |                              |                                      |     |
| SOUTH CAROLINA                   | 73   | 15                  |                              | 109                          | 58                                   | *   |
| 42 0560010 G01 CHARLESTON COUNTY |      |                     |                              |                              |                                      |     |
| SOUTH CAROLINA                   | 73   | 26                  |                              | 2                            | 2                                    | *   |
| 42 0560024 G01 CHARLESTON COUNTY |      |                     |                              |                              |                                      |     |
| SOUTH CAROLINA                   | 73   | 26                  |                              | 112                          | 47                                   | *   |
| 42 0560036 G01 CHARLESTON COUNTY |      |                     |                              |                              |                                      |     |
| SOUTH CAROLINA                   | 73   | 29                  |                              | 67                           | 32                                   | *   |
| 42 0560037 G01 CHARLESTON COUNTY |      |                     |                              |                              |                                      |     |
| SOUTH CAROLINA                   | 73   | 18                  |                              | 2                            | 2                                    | *   |
| 42 1700001 G01 MT. PLEASANT      |      |                     |                              |                              |                                      |     |
| 200 COLUMBIA (S.C.)              |      | ** PRIORITY 3 **    |                              |                              |                                      |     |
| SOUTH CAROLINA                   | 73   | 60                  |                              | 46                           | 25                                   | .06 |
| 42 C760003 H01 COLUMBIA          |      |                     |                              |                              |                                      |     |
| SOUTH CAROLINA                   | 73   | 61                  |                              | 102                          | 52                                   | .12 |
| 42 0760006 F01 COLUMBIA          |      |                     |                              |                              |                                      |     |

Table B-1 (continued) . SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE(SULFAMIC ACID), 24-HOUR BUHNER - 4240191

| AIR QUALITY CONTROL REGION         | 200 COLUMBIA (S.C.) (CONTINUED)       | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D 0°C 24-HR STD. | HIGHEST 24-HR VALUES UG/CU.M. | ANNUAL RATIO TO MEAN |                     |    |
|------------------------------------|---------------------------------------|------|---------------------|--|-------------------------------|----------------------|---------------------|----|
|                                    |                                       |      |                     |  |                               | ANN. STD             | UG/CU.M.            |    |
| SOUTH CAROLINA                     | 42 1760001 F01 NEMBERRY               | 73   | 61                  |  | 41                            | 31                   | .06                 | 5  |
| SOUTH CAROLINA                     | 42 1900002 AG3 RICHLAND COUNTY        | 73   | 27                  |  | 46                            | 14                   | .10                 | 8  |
| SOUTH CAROLINA                     | 42 1900002 F03 RICHLAND COUNTY        | 73   | 45                  |  | 10                            | 2                    | *                   |    |
| SOUTH CAROLINA                     | 42 1900002 F01 RICHLAND COUNTY        | 73   | 16                  |  | 22                            | 11                   | *                   |    |
| SOUTH CAROLINA                     | 42 1900003 F01 RICHLAND COUNTY        | 73   | 61                  |  | 31                            | 28                   | .75                 | 4  |
| SOUTH CAROLINA                     | 42 2260001 F01 WEST COLUMBIA          | 73   | 61                  |  | 10                            | 9                    | .04                 | 3  |
| 201 FLORENCE (S.C.)                |                                       |      | ** PRIORITY 3       | **                                       |                               |                      | AS OF JUNE 08, 1974 |    |
| SOUTH CAROLINA                     | 42 1020001 F01 FLORENCE               | 73   | 63                  |  | 9                             | 7                    | .04                 | 3  |
| 202 GREENVILLE-SPARTANBURG (S.C.)  |                                       |      | ** PRIORITY 3       | **                                       |                               |                      | AS OF JUNE 08, 1974 |    |
| SOUTH CAROLINA                     | 42 0180001 F01 ANDEKSON               | 73   | 61                  |  | 90                            | 88                   | .22                 | 18 |
| SOUTH CAROLINA                     | 42 0200001 F01 ANDERSON COUNTY        | 73   | 35                  |  | 6                             | 5                    | *                   |    |
| SOUTH CAROLINA                     | 42 0200001 F03 ANDERSON COUNTY        | 73   | 16                  |  | 33                            | 21                   | *                   |    |
| SOUTH CAROLINA                     | 42 1180001 G01 GREENVILLE             | 73   | 50                  |  | 36                            | 28                   | *                   |    |
| SOUTH CAROLINA                     | 42 1180002 G01 GREENVILLE             | 73   | 61                  |  | 62                            | 30                   | .08                 | 6  |
| SOUTH CAROLINA                     | 42 1200001 G01 GREENVILLE COUNTY      | 73   | 60                  |  | 6                             | 2                    | .03                 | 3  |
| SOUTH CAROLINA                     | 42 1200003 G01 GREENVILLE COUNTY      | 73   | 43                  |  | 6                             | 2                    | *                   |    |
| SOUTH CAROLINA                     | 42 1200003 G03 GREENVILLE COUNTY      | 73   | 15                  |  | 14                            | 9                    | *                   |    |
| SOUTH CAROLINA                     | 42 1260001 G01 GREER                  | 73   | 56                  |  | 64                            | 39                   | .09                 | 7  |
| SOUTH CAROLINA                     | 42 1875001 F01 PICKENS                | 73   | 51                  |  | 18                            | 9                    | .04                 | 3  |
| SOUTH CAROLINA                     | 42 2010001 G01 SIMPSONVILLE           | 73   | 51                  |  | 39                            | 31                   | .07                 | 5  |
| SOUTH CAROLINA                     | 42 2040001 G01 SPARTANBURG            | 73   | 58                  |  | 67                            | 61                   | .10                 | 8  |
| SOUTH CAROLINA                     | 42 2040006 G01 SPARTANBURG            | 73   | 15                  |  | 56                            | 39                   | *                   |    |
| SOUTH CAROLINA                     | 42 2060002 G01 SPARTANBURG COUNTY     | 73   | 10                  |  | 7                             | 2                    | *                   |    |
| SOUTH CAROLINA                     | 42 2060002 G03 SPARTANBURG COUNTY     | 73   | 16                  |  | 43                            | 33                   | *                   |    |
| SOUTH CAROLINA                     | 42 2060004 G01 SPARTANBURG COUNTY     | 73   | 27                  |  | 85                            | 56                   | *                   |    |
| SOUTH CAROLINA                     | 42 2400001 G01 WOODRUFF               | 73   | 10                  |  | 33                            | 18                   | *                   |    |
| 203 GREENWOOD (S.C.)               |                                       |      | ** PRIORITY 3       | **                                       |                               |                      | AS OF JUNE 08, 1974 |    |
| SOUTH CAROLINA                     | 42 1220001 F01 GREENWOOD              | 73   | 51                  |  | 42                            | 35                   | *                   |    |
| SOUTH CAROLINA                     | 42 1500001 F01 LAURENS                | 73   | 61                  |  | 49                            | 35                   | .07                 | 6  |
| 204 GEORGETOWN (S.C.)              |                                       |      | ** PRIORITY 3       | **                                       |                               |                      | AS OF JUNE 08, 1974 |    |
| SOUTH CAROLINA                     | 42 0780006 F01 CONWAY                 | 73   | 55                  |  | 37                            | 34                   | .07                 | 5  |
| SOUTH CAROLINA                     | 42 1120001 F01 GEORGETOWN             | 73   | 60                  |  | 125                           | 29                   | .08                 | 6  |
| 205 BLACKHILLS-RAPID CITY (S. DAK) |                                       |      | ** PRIORITY 3       | **                                       |                               |                      | AS OF JUNE 08, 1974 |    |
| SOUTH DAKOTA                       | 43 0110001 A03 BLACK HILLS NAT FOREST | 73   | 10                  |  | 10                            | 10                   | *                   |    |





Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE(SULFAMIC ACID), 24-HOUR BURHLER - 4240191

| AIR QUALITY CONTROL REGION               | YEAR | NO. OF VALID VALUES | NO. OF VALUES EXC'D'D 24-HR STD. | HIGHEST 24-HR VALUE 1ST | HIGHEST 24-HR VALUE 2ND | ANN. STD. UG/CU.M. | RATIO TO MEAN | AS OF JUNE 08, 1974 |                  |
|--|------|---------------------|----------------------------------|-------------------------|-------------------------|--------------------|---------------|---------------------|------------------|
|  |      |                     |                                  |                         |                         |                    |               | ** PRIORITY 2 **    | ** PRIORITY 1 ** |
| 210 ABILENE-WICHITA FALLS (TEX)          |      |                     |                                  |                         |                         |                    |               |                     |                  |
| TEXAS                                    | 73   | 41                  |                                  | 6                       | 2                       | *                  |               |                     |                  |
| TEXAS                                    | 73   | 53                  |                                  | 2                       | 2                       | .03                |               |                     |                  |
| TEXAS                                    | 73   | 21                  |                                  | 11                      | 10                      | *                  |               |                     |                  |
| TEXAS                                    | 73   | 49                  |                                  | 8                       | 6                       | .03                |               |                     |                  |
| 211 AMARILLO-LUBBOCK (TEX)               |      |                     |                                  |                         |                         |                    |               |                     |                  |
| TEXAS                                    | 73   | 7                   |                                  | 21                      | 12                      | *                  |               |                     |                  |
| TEXAS                                    | 73   | 28                  |                                  | 2                       | 2                       | .03                |               |                     |                  |
| TEXAS                                    | 73   | 21                  |                                  | 10                      | 9                       | *                  |               |                     |                  |
| TEXAS                                    | 73   | 48                  |                                  | 22                      | 11                      | .04                |               |                     |                  |
| TEXAS                                    | 73   | 10                  |                                  | 13                      | 9                       | *                  |               |                     |                  |
| TEXAS                                    | 73   | 11                  |                                  | 12                      | 11                      | *                  |               |                     |                  |
| TEXAS                                    | 73   | 40                  |                                  | 8                       | 5                       | *                  |               |                     |                  |
| 212 AUSTIN-WACO (TEX)                    |      |                     |                                  |                         |                         |                    |               |                     |                  |
| TEXAS                                    | 73   | 14                  |                                  | 9                       | 9                       | *                  |               |                     |                  |
| TEXAS                                    | 73   | 50                  |                                  | 6                       | 5                       | .03                |               |                     |                  |
| TEXAS                                    | 73   | 31                  |                                  | 2                       | 2                       | *                  |               |                     |                  |
| TEXAS                                    | 73   | 43                  |                                  | 7                       | 2                       | *                  |               |                     |                  |
| TEXAS                                    | 73   | 54                  |                                  | 8                       | 2                       | .03                |               |                     |                  |
| TEXAS                                    | 73   | 7                   |                                  | 2                       | 2                       | *                  |               |                     |                  |
| TEXAS                                    | 73   | 13                  |                                  | 2                       | 2                       | *                  |               |                     |                  |
| 214 CORPUS CHRISTI-VICTORIA (TEX)        |      |                     |                                  |                         |                         |                    |               |                     |                  |
| TEXAS                                    | 73   | 52                  |                                  | 7                       | 2                       | .03                |               |                     |                  |
| TEXAS                                    | 73   | 28                  |                                  | 17                      | 12                      | .09                |               |                     |                  |
| TEXAS                                    | 73   | 53                  |                                  | 8                       | 8                       | .04                |               |                     |                  |
| TEXAS                                    | 73   | 26                  |                                  | 270                     | 128                     | *                  |               |                     |                  |
| TEXAS                                    | 73   | 25                  |                                  | 270                     | 242                     | *                  |               |                     |                  |
| 215 METROPOLITAN DALLAS-FORT WORTH (TEX) |      |                     |                                  |                         |                         |                    |               |                     |                  |
| TEXAS                                    | 73   | 51                  |                                  | 6                       | 5                       | .03                |               |                     |                  |
| TEXAS                                    | 73   | 22                  |                                  | 11                      | 11                      | *                  |               |                     |                  |
| TEXAS                                    | 73   | 72                  |                                  | 10                      | 9                       | .04                |               |                     |                  |
| TEXAS                                    | 73   | 75                  |                                  | 30                      | 10                      | .04                |               |                     |                  |
| TEXAS                                    | 73   | 28                  |                                  | 2                       | 2                       | *                  |               |                     |                  |
| TEXAS                                    | 73   | 42                  |                                  | 2                       | 2                       | *                  |               |                     |                  |
| TEXAS                                    | 73   | 30                  |                                  | 2                       | 2                       | *                  |               |                     |                  |
| TEXAS                                    | 73   | 27                  |                                  | 13                      | 11                      | .09                |               |                     |                  |
| TEXAS                                    | 73   | 49                  |                                  | 5                       | 2                       | .03                |               |                     |                  |
| TEXAS                                    | 73   | 14                  |                                  | 7                       | 5                       | *                  |               |                     |                  |

Table B-1 (continued) . SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE(SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION | 216 METROPOLITAN HOUSTON-GALVESTON (TEX) | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUE UG/CU.M. | AS OF JUNE 08, 1974 |            | RATIO TO ANN. STD UG/CU.M. | ANNUAL ARITH. MEAN |
|----------------------------|--|------|---------------------|--|------------------------------|---------------------|------------|----------------------------|--------------------|
|                            |  |      |                     |  |                              | PRIORITY 1          | PRIORITY 2 |                            |                    |
| TEXAS                      | 45 0060001 F01 ALVIN                     | 73   | 49                  | 73                                     | 6                            | 2                   |            | .03                        | 3                  |
| TEXAS                      | 45 0320002 F01 BAYTOWN                   | 73   | 56                  | 73                                     | 45                           | 45                  |            | .08                        | 6                  |
| TEXAS                      | 45 1370001 H01 DEER PARK                 | 73   | 53                  | 73                                     | 179                          | 101                 |            | .24                        | 19                 |
| TEXAS                      | 45 1370002 H02 DEER PARK                 | 73   | 16                  | 73                                     | 281                          | 151                 |            | *                          |                    |
| TEXAS                      | 45 2330003 F01 HARRIS COUNTY             | 73   | 53                  | 73                                     | 7                            | 7                   |            | .04                        | 3                  |
| TEXAS                      | 45 2330004 F02 HARRIS COUNTY             | 73   | 24                  | 73                                     | 2                            | 2                   |            | *                          |                    |
| TEXAS                      | 45 2330005 F01 HARRIS COUNTY             | 73   | 53                  | 73                                     | 13                           | 5                   |            | .04                        | 3                  |
| TEXAS                      | 45 2330006 F01 HARRIS COUNTY             | 73   | 53                  | 73                                     | 10                           | 10                  |            | .04                        | 3                  |
| TEXAS                      | 45 2330018 H02 HARRIS COUNTY             | 73   | 29                  | 73                                     | 207                          | 22                  |            | *                          |                    |
| TEXAS                      | 45 2330020 H02 HARRIS COUNTY             | 73   | 20                  | 73                                     | 154                          | 100                 |            | *                          |                    |
| TEXAS                      | 45 2330023 H02 HARRIS COUNTY             | 73   | 31                  | 73                                     | 30                           | 23                  |            | *                          |                    |
| TEXAS                      | 45 2560001 A01 HOUSTON                   | 73   | 25                  | 73                                     | 11                           | 10                  |            | *                          |                    |
| TEXAS                      | 45 2560001 H01 HOUSTON                   | 73   | 53                  | 73                                     | 43                           | 19                  |            | .05                        | 4                  |
| TEXAS                      | 45 2560002 H01 HOUSTON                   | 73   | 54                  | 73                                     | 23                           | 21                  |            | .06                        | 4                  |
| TEXAS                      | 45 2560003 H01 HOUSTON                   | 73   | 57                  | 73                                     | 155                          | 83                  |            | .17                        | 13                 |
| TEXAS                      | 45 2560004 H01 HOUSTON                   | 73   | 57                  | 73                                     | 80                           | 34                  |            | .09                        | 7                  |
| TEXAS                      | 45 2560005 H01 HOUSTON                   | 73   | 51                  | 73                                     | 47                           | 17                  |            | .06                        | 4                  |
| TEXAS                      | 45 2560006 H01 HOUSTON                   | 73   | 55                  | 73                                     | 115                          | 60                  |            | .10                        | 8                  |
| TEXAS                      | 45 2560007 H01 HOUSTON                   | 73   | 57                  | 73                                     | 78                           | 31                  |            | .07                        | 6                  |
| TEXAS                      | 45 2560008 H01 HOUSTON                   | 73   | 56                  | 73                                     | 27                           | 2                   |            | .04                        | 3                  |
| TEXAS                      | 45 2560009 H01 HOUSTON                   | 73   | 56                  | 73                                     | 68                           | 35                  |            | .07                        | 5                  |
| TEXAS                      | 45 2560010 H01 HOUSTON                   | 73   | 52                  | 73                                     | 21                           | 14                  |            | .05                        | 4                  |
| TEXAS                      | 45 2560011 H01 HOUSTON                   | 73   | 56                  | 73                                     | 30                           | 22                  |            | .04                        | 3                  |
| TEXAS                      | 45 2560012 H01 HOUSTON                   | 73   | 58                  | 73                                     | 18                           | 7                   |            | .04                        | 3                  |
| TEXAS                      | 45 2560013 H01 HOUSTON                   | 73   | 59                  | 73                                     | 30                           | 28                  |            | .07                        | 6                  |
| TEXAS                      | 45 2560015 H01 HOUSTON                   | 73   | 47                  | 73                                     | 40                           | 30                  |            | .11                        | 9                  |
| TEXAS                      | 45 2560017 H02 HOUSTON                   | 73   | 56                  | 73                                     | 114                          | 105                 |            | .22                        | 17                 |
| TEXAS                      | 45 2560018 H01 HOUSTON                   | 73   | 31                  | 73                                     | 64                           | 60                  |            | *                          |                    |
| TEXAS                      | 45 2560019 H01 HOUSTON                   | 73   | 59                  | 73                                     | 48                           | 26                  |            | .08                        | 6                  |
| TEXAS                      | 45 2560028 H02 HOUSTON                   | 73   | 50                  | 73                                     | 194                          | 119                 |            | .45                        | 36                 |
| TEXAS                      | 45 3070035 G01 LA MARQUE                 | 73   | 9                   | 73                                     | 42                           | 16                  |            | *                          |                    |
| TEXAS                      | 45 3130002 F01 LA PORTE                  | 73   | 15                  | 73                                     | 8                            | 7                   |            | *                          |                    |
| TEXAS                      | 45 3170001 F01 LEAGUE CITY               | 73   | 10                  | 73                                     | 2                            | 2                   |            | *                          |                    |
| TEXAS                      | 45 3530001 A03 MATAGORDA COUNTY          | 73   | 45                  | 73                                     | 28                           | 22                  |            | .06                        | 5                  |
| TEXAS                      | 45 4060002 A01 PASADENA                  | 73   | 25                  | 73                                     | 11                           | 9                   |            | .08                        | 6                  |
| TEXAS                      | 45 4060002 H01 PASADENA                  | 73   | 26                  | 73                                     | 142                          | 47                  |            | .27                        | 21                 |
| TEXAS                      | 45 4060006 F01 PASADENA                  | 73   | 45                  | 73                                     | 119                          | 64                  |            | .15                        | 12                 |
| TEXAS                      | 45 4060006 H01 PASADENA                  | 73   | 53                  | 73                                     | 27                           | 16                  |            | .05                        | 4                  |
| TEXAS                      | 45 4890001 F01 SOUTH HOUSTON             | 73   | 51                  | 73                                     | 20                           | 18                  |            | .05                        | 4                  |
| TEXAS                      | 45 5170004 G01 TEXAS CITY                | 73   | 15                  | 73                                     | 145                          | 110                 |            | *                          |                    |
| TEXAS                      | 45 5170008 G01 TEXAS CITY                | 73   | 15                  | 73                                     | 57                           | 53                  |            | *                          |                    |
| TEXAS                      | 45 5170012 G02 TEXAS CITY                | 73   | 15                  | 73                                     | 198                          | 190                 |            | *                          |                    |
| TEXAS                      | 45 5170031 G01 TEXAS CITY                | 73   | 13                  | 73                                     | 11                           | 2                   |            | *                          |                    |
| TEXAS                      | 45 5170033 G01 TEXAS CITY                | 73   | 15                  | 73                                     | 33                           | 10                  |            | *                          |                    |
| TEXAS                      | 45 5195001 F01 TOMBALL                   | 73   | 54                  | 73                                     | 2                            | 2                   |            | .03                        | 2                  |

Table B-1 (continued) . SULFUR DIOXIDE DATA

METHOD: WEST-GAEKNE(SULFAMIC ACID), 24-HOUR BURBLER - 4240191

| AIR QUALITY CONTROL REGION                 | YEAR | NO. OF VALID VALUES | NO. OF 24-HR. VALUES EXCEEDING STD. | HIGHEST 24-HR. VALUE UG/CU.M. | RATIO TO ANNUAL ARITH. MEAN | AS OF JUNE 08, 1974 |
|--|------|---------------------|-------------------------------------|-------------------------------|-----------------------------|---------------------|
|  |      |                     |                                     |                               |                             |                     |
| <b>217 METROPOLITAN SAN ANTONIO (TEX)</b>  |      |                     |                                     |                               |                             |                     |
| TEXAS                                      | 73   | 23                  | 9                                   | 10                            | *                           | AS OF JUNE 08, 1974 |
| TEXAS                                      | 73   | 16                  | 2                                   | 2                             | *                           |                     |
| TEXAS                                      | 73   | 31                  | 5                                   | 5                             | *                           |                     |
| TEXAS                                      | 73   | 59                  | 2                                   | 2                             | .03                         | 2                   |
| TEXAS                                      | 73   | 58                  | 6                                   | 6                             | .03                         | 3                   |
| TEXAS                                      | 73   | 61                  | 8                                   | 8                             | .74                         | 3                   |
| <b>218 MIDLAND-ODESSA-SAN ANGELO (TEX)</b> |      |                     |                                     |                               |                             |                     |
| TEXAS                                      | 73   | 49                  | 25                                  | 8                             | .04                         | 3                   |
| TEXAS                                      | 73   | 28                  | 5                                   | 5                             | *                           |                     |
| TEXAS                                      | 73   | 54                  | 22                                  | 11                            | .04                         | 3                   |
| TEXAS                                      | 73   | 44                  | 9                                   | 6                             | .04                         | 3                   |
| TEXAS                                      | 73   | 22                  | 54                                  | 12                            | *                           |                     |
| <b>220 WASATCH FRONT (UTAH)</b>            |      |                     |                                     |                               |                             |                     |
| UTAH                                       | 73   | 78                  | 12                                  | 759                           | *                           | AS OF JUNE 08, 1974 |
| UTAH                                       | 73   | 72                  | 35                                  | 2,661                         | *                           |                     |
| UTAH                                       | 73   | 73                  | 1                                   | 356                           | *                           |                     |
| UTAH                                       | 73   | 20                  | 76                                  | 28                            | *                           |                     |
| <b>222 CENTRAL VIRGINIA</b>                |      |                     |                                     |                               |                             |                     |
| VIRGINIA                                   | 73   | 34                  | 57                                  | 28                            | *                           | AS OF JUNE 08, 1974 |
| VIRGINIA                                   | 73   | 12                  | 31                                  | 10                            | *                           |                     |
| VIRGINIA                                   | 73   | 9                   | 34                                  | 18                            | *                           |                     |
| VIRGINIA                                   | 73   | 37                  | 41                                  | 28                            | *                           |                     |
| VIRGINIA                                   | 73   | 33                  | 41                                  | 34                            | *                           |                     |
| VIRGINIA                                   | 73   | 45                  | 28                                  | 28                            | *                           |                     |
| VIRGINIA                                   | 73   | 42                  | 20                                  | 20                            | *                           |                     |
| VIRGINIA                                   | 73   | 46                  | 60                                  | 34                            | *                           |                     |
| <b>223 HAMPTON ROADS (VA)</b>              |      |                     |                                     |                               |                             |                     |
| VIRGINIA                                   | 73   | 46                  | 141                                 | 141                           | *                           | AS OF JUNE 08, 1974 |
| VIRGINIA                                   | 73   | 45                  | 217                                 | 193                           | *                           |                     |
| VIRGINIA                                   | 73   | 17                  | 78                                  | 73                            | *                           |                     |
| VIRGINIA                                   | 73   | 43                  | 44                                  | 28                            | *                           |                     |
| VIRGINIA                                   | 73   | 12                  | 28                                  | 23                            | *                           |                     |
| VIRGINIA                                   | 73   | 27                  | 23                                  | 16                            | *                           |                     |
| VIRGINIA                                   | 73   | 18                  | 39                                  | 28                            | *                           |                     |
| VIRGINIA                                   | 73   | 23                  | 25                                  | 17                            | *                           |                     |
| VIRGINIA                                   | 73   | 45                  | 83                                  | 62                            | *                           |                     |
| VIRGINIA                                   | 73   | 44                  | 86                                  | 81                            | *                           |                     |

Table B-1 (continued) . SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE(SULFAMIC ACID), 24-HOUR BUBBLER - 424019T

| AIR QUALITY CONTROL REGION                | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHEST 24-HR VALUES UG/CJ.M. | ANN. STD | RATIO TO MEAN | A N N U A L |
|---|------|---------------------|--|-------------------------------|----------|---------------|-------------|
|   |      |                     |  |                               |          |               |             |
| <b>223 HAMPTON ROADS (VA) (CONTINUED)</b> |      |                     |  |                               |          |               |             |
| VIRGINIA                                  | 73   | 28                  |  | 98                            | 87       | .24           | 19          |
| VIRGINIA                                  | 73   | 38                  |  | 49                            | 49       | *             |             |
| VIRGINIA                                  | 73   | 39                  |  | 154                           | 81       | *             |             |
| VIRGINIA                                  | 73   | 37                  |  | 290                           | 60       | *             |             |
| VIRGINIA                                  | 73   | 33                  |  | 34                            | 28       | *             |             |
| <b>224 NORTHEASTERN VIRGINIA</b>          |      |                     |  |                               |          |               |             |
| VIRGINIA                                  | 73   | 17                  |  | 13                            | 10       | *             |             |
| VIRGINIA                                  | 73   | 15                  |  | 52                            | 49       | *             |             |
| VIRGINIA                                  | 73   | 16                  |  | 28                            | 26       | *             |             |
| VIRGINIA                                  | 73   | 20                  |  | 36                            | 18       | *             |             |
| VIRGINIA                                  | 73   | 15                  |  | 41                            | 36       | *             |             |
| <b>225 STATE CAPITAL (VA)</b>             |      |                     |  |                               |          |               |             |
| VIRGINIA                                  | 73   | 44                  |  | 41                            | 39       | *             |             |
| VIRGINIA                                  | 73   | 45                  |  | 277                           | 99       | *             |             |
| VIRGINIA                                  | 73   | 41                  |  | 65                            | 49       | *             |             |
| VIRGINIA                                  | 73   | 45                  |  | 49                            | 31       | *             |             |
| VIRGINIA                                  | 73   | 16                  |  | 20                            | 18       | *             |             |
| VIRGINIA                                  | 73   | 9                   |  | 13                            | 5        | *             |             |
| VIRGINIA                                  | 73   | 44                  |  | 28                            | 26       | *             |             |
| VIRGINIA                                  | 73   | 42                  |  | 31                            | 26       | *             |             |
| VIRGINIA                                  | 73   | 44                  |  | 52                            | 34       | *             |             |
| VIRGINIA                                  | 73   | 19                  |  | 10                            | 8        | *             |             |
| VIRGINIA                                  | 73   | 84                  |  | 209                           | 133      | *             |             |
| VIRGINIA                                  | 73   | 36                  |  | 60                            | 39       | *             |             |
| VIRGINIA                                  | 73   | 30                  |  | 235                           | 91       | *             |             |
| VIRGINIA                                  | 73   | 37                  | 1                                      | 500                           | 196      | *             |             |
| VIRGINIA                                  | 73   | 34                  |  | 136                           | 117      | *             |             |
| <b>226 VALLEY OF VIRGINIA</b>             |      |                     |  |                               |          |               |             |
| VIRGINIA                                  | 73   | 43                  |  | 36                            | 34       | *             |             |
| VIRGINIA                                  | 73   | 37                  |  | 172                           | 75       | *             |             |
| VIRGINIA                                  | 73   | 44                  |  | 36                            | 28       | *             |             |
| VIRGINIA                                  | 73   | 24                  |  | 103                           | 103      | *             |             |
| VIRGINIA                                  | 73   | 21                  |  | 18                            | 15       | *             |             |
| VIRGINIA                                  | 73   | 25                  |  | 54                            | 16       | .12           | 9           |
| VIRGINIA                                  | 73   | 25                  |  | 28                            | 22       | *             |             |
| VIRGINIA                                  | 73   | 34                  |  | 81                            | 60       | *             |             |
| VIRGINIA                                  | 73   | 16                  |  | 78                            | 57       | *             |             |

Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE (SULFAMIC ACID), 24-HOUR ROLLER - 4240191

| AIR QUALITY CONTROL REGION       | YEAR 19-- | NO. OF VALID VALUES | NO. OF DAILY VALUES EXC'D'G 24-HR STD. | HIGHST 24-HR VALUES UG/CU-M. | ANNUAL RATIO TO MEAN |     | AS OF JUNE 08, 1974 |
|----------------------------------|-----------|---------------------|--|------------------------------|----------------------|-----|---------------------|
|                                  |           |                     |  |                              | 1ST                  | 2ND |                     |
| 228 OLYMPIC-NORTHWEST WASHINGTON |           |                     |  |                              |                      |     |                     |
| WASHINGTON                       | 73        | 23                  | ** PRIORITY 2 **                       | 125                          | 120                  | *   |                     |
| 229 PUGET SOUND (WASH)           |           |                     |  |                              |                      |     |                     |
| WASHINGTON                       | 73        | 18                  | ** PRIORITY 1A **                      | 8                            | 8                    | *   |                     |
| WASHINGTON                       | 73        | 21                  |  | 87                           | 73                   | *   |                     |
| WASHINGTON                       | 73        | 26                  |  | 119                          | 35                   | *   |                     |
| 230 SOUTH CENTRAL WASHINGTON     |           |                     |  |                              |                      |     |                     |
| WASHINGTON                       | 73        | 25                  | ** PRIORITY 3 **                       | 95                           | 90                   | *   |                     |
| 234 KANAWHA VALLEY (W. VA.)      |           |                     |  |                              |                      |     |                     |
| WEST VIRGINIA                    | 73        | 23                  | ** PRIORITY 3 **                       | 82                           | 57                   | *   |                     |
| WEST VIRGINIA                    | 73        | 14                  |  | 141                          | 89                   | *   |                     |
| WEST VIRGINIA                    | 73        | 14                  |  | 149                          | 102                  | *   |                     |
| WEST VIRGINIA                    | 73        | 14                  |  | 97                           | 50                   | *   |                     |
| WEST VIRGINIA                    | 73        | 13                  |  | 118                          | 73                   | *   |                     |
| WEST VIRGINIA                    | 73        | 14                  |  | 29                           | 21                   | *   |                     |
| WEST VIRGINIA                    | 73        | 14                  |  | 144                          | 73                   | *   |                     |
| LAK. MICHIGAN (MISC)             |           |                     |  |                              |                      |     |                     |
| SCONSIN                          | 73        | 26                  | ** PRIORITY 3 **                       | 97                           | 42                   | *   |                     |
| SCONSIN                          | 73        | 18                  |  | 11                           | 11                   | *   |                     |
| SCONSIN                          | 73        | 53                  |  | 82                           | 67                   | *   |                     |
| SCONSIN                          | 73        | 87                  |  | 274                          | 269                  | -12 | 9                   |
| SCONSIN                          | 73        | 89                  |  | 39                           | 35                   | -32 | 26                  |
| SCONSIN                          | 73        | 12                  |  | 116                          | 30                   | -11 | 9                   |
| SCONSIN                          | 73        | 25                  |  | 109                          | 42                   | *   |                     |
| NORTH CENTRAL WISCONSIN          |           |                     |  |                              |                      |     |                     |
| SCONSIN                          | 73        | 45                  | ** PRIORITY 3 **                       | 34                           | 20                   | *   |                     |
| SCONSIN                          | 73        | 37                  |  | 47                           | 45                   | *   |                     |
| SOUTHEAST WISCONSIN              |           |                     |  |                              |                      |     |                     |
| SCONSIN                          | 73        | 39                  | ** PRIORITY 2 **                       | 48                           | 16                   | *   |                     |
| SCONSIN                          | 73        | 21                  |  | 63                           | 53                   | *   |                     |
| SCONSIN                          | 73        | 15                  |  | 39                           | 36                   | *   |                     |
| SCONSIN                          | 73        | 25                  |  | 42                           | 17                   | *   |                     |
| SCONSIN                          | 73        | 46                  |  | 24                           | 15                   | *   |                     |

Table B-1 (continued). SULFUR DIOXIDE DATA

METHOD: WEST-GAEKE (SULFAMIC ACID), 24-HOUR BUBBLER - 4240191

| AIR QUALITY CONTROL REGION             | NO. OF VALID VALUES | NO. OF VALUES EXC'D'G 24-HR STD. | YEAR | HIGHEST 24-HR VALUES UG/CU.M. | RATIO TO ANNUAL MEAN UG/CU.M. | AS OF JUNE 08, 1974 |                     |
|--|---------------------|----------------------------------|------|-------------------------------|-------------------------------|---------------------|---------------------|
|  |                     |                                  |      |                               |                               | AS OF JUNE 08, 1974 | AS OF JUNE 08, 1974 |
| <b>240 SOUTHERN WISCONSIN</b>          |                     |                                  |      |                               |                               |                     |                     |
| WISCONSIN                              | 21                  | 3                                | 73   | 36                            | *                             | 26                  | *                   |
| WISCONSIN                              | 41                  | 1                                | 73   | 117                           | .29                           | 91                  | .23                 |
| WISCONSIN                              | 34                  |                                  | 73   | 90                            | .12                           | 19                  | 9                   |
| WISCONSIN                              | 37                  | 1                                | 73   | 432                           | .51                           | 204                 | 41                  |
| WISCONSIN                              | 34                  |                                  | 73   | 24                            | .09                           | 21                  | 7                   |
| WISCONSIN                              | 44                  |                                  | 73   | 112                           | .16                           | 80                  | 12                  |
| WISCONSIN                              | 40                  |                                  | 73   | 41                            | .11                           | 24                  | 8                   |
| <b>241 CASPER (WYO)</b>                |                     |                                  |      |                               |                               |                     |                     |
| WYOMING                                | 22                  |                                  | 73   | 14                            | *                             | 14                  | *                   |
| WYOMING                                | 53                  |                                  | 73   | 16                            | .05                           | 11                  | 4                   |
| <b>242 METROPOLITAN CHEYENNE (WYO)</b> |                     |                                  |      |                               |                               |                     |                     |
| WYOMING                                | 23                  |                                  | 73   | 22                            | *                             | 14                  | *                   |
| <b>243 WYCMING (REMAINDER)</b>         |                     |                                  |      |                               |                               |                     |                     |
| WYOMING                                | 42                  |                                  | 73   | 12                            | *                             | 8                   | *                   |
| WYOMING                                | 18                  |                                  | 73   | 10                            | *                             | 9                   | *                   |
| <b>244 PUERTO RICO</b>                 |                     |                                  |      |                               |                               |                     |                     |
| PUERTO RICO                            | 20                  |                                  | 73   | 27                            | *                             | 20                  | *                   |
| PUERTO RICO                            | 20                  |                                  | 73   | 58                            | *                             | 55                  | *                   |
| PUERTO RICO                            | 20                  |                                  | 73   | 28                            | *                             | 18                  | *                   |
| PUERTO RICO                            | 21                  |                                  | 73   | 27                            | *                             | 22                  | *                   |
| <b>246 GUAM</b>                        |                     |                                  |      |                               |                               |                     |                     |
| GUAM                                   | 8                   |                                  | 73   | 7                             | *                             | 2                   | *                   |
| GUAM                                   | 22                  |                                  | 73   | 71                            | *                             | 17                  | *                   |
| <b>247 U.S. VIRGIN ISLANDS</b>         |                     |                                  |      |                               |                               |                     |                     |
| VIRGIN ISLANDS                         | 271                 |                                  | 73   | 44                            | .08                           | 34                  | 7                   |
| VIRGIN ISLANDS                         | 114                 |                                  | 73   | 18                            | *                             | 13                  | *                   |
| VIRGIN ISLANDS                         | 249                 |                                  | 73   | 73                            | .12                           | 62                  | 10                  |

Table B-2. SULFUR DIOXIDE DATA

METHODS: WEST-GAEKE COLORIMETRIC-4240111, CONDUCTOMETRIC-4240113, COLUMBETRIC-4240114, THOMAS AUTOMETER-4240115, FLAME PHOTOMETRIC-4240116, HYDROGEN PEROXIDE-4240131

| AIR QUALITY CONTROL REGION                                | YEAR | NO. OF VALID VALUES | NO. OF DAILY VALUES EXCEPT 24-HR STD | HIGHEST 24-HR VALUES UG/CU.M. | NO. OF VALUES EXCEPT 3-MR STD | AS OF JUNE 08, 1974   |                    | METHOD  |
|---|------|---------------------|--------------------------------------|-------------------------------|-------------------------------|-----------------------|--------------------|---------|
|   |      |                     |                                      |                               |                               | ANNUAL RATIO AMN. STD | ARITH. MEAN UG/CU. |         |
| <b>007 TENN. RIVER VALLEY-CUMBERLAND MTS (ALA-TENN)</b>   |      |                     |                                      |                               |                               |                       |                    |         |
| ALABAMA   | 73   | 3,703               | ** PRIORITY 1 **                     | 124                           |                               | *                     |                    | 4240114 |
| <b>012 ARIZONA-NEW MEXICO SOUTHERN BORDER (ARIZ.-N.M)</b> |      |                     |                                      |                               |                               |                       |                    |         |
| ARIZONA   | 73   | 6,727               | 15                                   | 1,106                         | 81                            | 1.08                  | 86                 | 4240114 |
| ARIZONA   | 73   | 2,088               | *****                                | *                             | *****                         | *                     | *                  | 4240114 |
| ARIZONA   | 73   | 2,802               | 3                                    | 823                           | 44                            | *                     | *                  | 4240114 |
| ARIZONA   | 73   | 4,767               | 14                                   | 531                           | 72                            | *                     | *                  | 4240114 |
| NEW MEXICO  | 73   | 5,180               | 3                                    | 534                           | 20                            | *                     | *                  | 4240114 |
| NEW MEXICO  | 73   | 1,955               | 2                                    | 676                           | 11                            | *                     | *                  | 4240114 |
| <b>015 PHOENIX-TUCSON (ARIZ)</b>                          |      |                     |                                      |                               |                               |                       |                    |         |
| ARIZONA   | 73   | 7,864               | 2                                    | 501                           | 12                            | .60                   | 48                 | 4240114 |
| ARIZONA   | 73   | 5,743               | 5                                    | 642                           | 31                            | *                     | *                  | 4240114 |
| ARIZONA   | 73   | 6,679               | 38                                   | 1,011                         | 221                           | 2.74                  | 219                | 4240114 |
| ARIZONA   | 73   | 8,298               |                                      | 67                            |                               | .21                   | 17                 | 4240113 |
| ARIZONA   | 73   | 3,069               | 3                                    | 513                           | 49                            | *                     | *                  | 4240114 |
| ARIZONA   | 73   | 4,166               |                                      | 56                            |                               | *                     | *                  | 4240114 |
| <b>024 METROPOLITAN LOS ANGELES (CALIF)</b>               |      |                     |                                      |                               |                               |                       |                    |         |
| CALIFORNIA  | 73   | 8,302               | ** PRIORITY 2 **                     | 111                           |                               | .41                   | 32                 | 4240113 |
| CALIFORNIA  | 73   | 8,664               |                                      | 114                           |                               | .60                   | 48                 | 4240113 |
| CALIFORNIA  | 73   | 4,241               |                                      | 127                           |                               | *                     | *                  | 4240113 |
| CALIFORNIA  | 73   | 5,361               |                                      | 29                            |                               | *                     | *                  | 4240113 |
| CALIFORNIA  | 73   | 4,313               |                                      | 112                           |                               | *                     | *                  | 4240113 |
| CALIFORNIA  | 73   | 4,295               |                                      | 111                           |                               | *                     | *                  | 4240113 |
| CALIFORNIA  | 73   | 8,551               |                                      | 114                           |                               | .46                   | 37                 | 4240113 |
| CALIFORNIA  | 73   | 8,605               |                                      | 240                           |                               | .87                   | 69                 | 4240113 |
| CALIFORNIA  | 73   | 8,555               |                                      | 261                           |                               | .63                   | 50                 | 4240113 |
| CALIFORNIA  | 73   | 8,346               |                                      | 140                           |                               | .62                   | 50                 | 4240113 |
| CALIFORNIA  | 73   | 8,612               |                                      | 128                           |                               | .52                   | 41                 | 4240113 |
| CALIFORNIA  | 73   | 8,739               |                                      | 74                            |                               | .38                   | 30                 | 4240113 |
| CALIFORNIA  | 73   | 1,953               |                                      | 162                           |                               | *                     | *                  | 4240113 |
| CALIFORNIA  | 73   | 8,549               |                                      | 90                            |                               | .39                   | 31                 | 4240113 |
| CALIFORNIA  | 73   | 4,307               |                                      | 103                           |                               | *                     | *                  | 4240113 |
| CALIFORNIA  | 73   | 4,375               |                                      | 101                           |                               | *                     | *                  | 4240113 |
| CALIFORNIA  | 73   | 2,519               |                                      | 105                           |                               | *                     | *                  | 4240113 |
| CALIFORNIA  | 73   | 8,460               |                                      | 214                           |                               | .65                   | 52                 | 4240113 |
| <b>025 SAN DIEGO (CALIF)</b>                              |      |                     |                                      |                               |                               |                       |                    |         |
| CALIFORNIA  | 73   | 6,343               | ** PRIORITY 3 **                     | 60                            |                               | *                     | *                  | 4240113 |
| CALIFORNIA  | 73   | 3,659               |                                      | 30                            |                               | *                     | *                  | 4240113 |

Table B-2 (continued) . SULFUR DIOXIDE DATA

METHODS: WEST-GAEKE COLORIMETRIC-4240111, CONDUCTOMETRIC-4240114, THOMAS AUTOMETER-4240115, FLAME PHOTOMETRIC-4240116, HYDROGEN PEROXIDE-4240131

| 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 | RATIO TO ANN. STD | A N N U A L MEAN UG/CU.M. | METHOD |                  |                     |
|--|-----------|---------------------|---------------------------------------|-------------------------------|--------------------------------|-------------------|---------------------------|--------|------------------|---------------------|
|  |           |                     |                                       |                               |                                |                   |                           |        | ** PRIORITY 2 ** | AS OF JUNE 08, 1974 |
| 030 SAN FRANCISCO BAY AREA (CALIF)             |           |                     |                                       |                               |                                |                   |                           |        |                  |                     |
| CALIFORNIA                                     | 05        | 0720001             | I02                                   | BENICIA                       | 73                             | 4,160             | ** PRIORITY 2 **          | 89     | *                | 4240113             |
| CALIFORNIA                                     | 05        | 1640001             | I01                                   | CONCORD                       | 73                             | 3,320             |                           | 17     | *                | 4240113             |
| CALIFORNIA                                     | 05        | 4440001             | I02                                   | MARTINEZ                      | 73                             | 4,263             |                           | 64     | *                | 4240113             |
| CALIFORNIA                                     | 05        | 5880001             | I01                                   | PITTSBURG                     | 73                             | 8,558             |                           | 106    | -26              | 4240113             |
| CALIFORNIA                                     | 05        | 6300003             | I01                                   | RICHMOND                      | 73                             | 4,189             |                           | 46     | *                | 4240113             |
| CALIFORNIA                                     | 05        | 6300004             | I02                                   | RICHMOND                      | 73                             | 4,261             |                           | 99     | *                | 4240113             |
| CALIFORNIA                                     | 05        | 6300005             | I02                                   | RICHMOND                      | 73                             | 4,373             |                           | 67     | *                | 4240113             |
| 033 SOUTHEAST DESERT (CALIF)                   |           |                     |                                       |                               |                                |                   |                           |        |                  |                     |
| CALIFORNIA                                     | 05        | 6680001             | I01                                   | SAN BERNARDINO                | 73                             | 8,493             | ** PRIORITY 3 **          | 83     | -35              | 4240113             |
| 036 METROPOLITAN DENVER (COLO)                 |           |                     |                                       |                               |                                |                   |                           |        |                  |                     |
| COLORADO                                       | 06        | 0120002             | F01                                   | ARVADA                        | 73                             | 3,210             | ** PRIORITY 3 **          | 46     | *                | 4240114             |
| COLORADO                                       | 06        | 0580002             | A10                                   | DENVER                        | 73                             | 3,191             |                           | 231    | *                | 4240113             |
| COLORADO                                       | 06        | 0580009             | F01                                   | DENVER                        | 73                             | 4,744             |                           | 67     | *                | 4240114             |
| COLORADO                                       | 06        | 0580010             | F01                                   | DENVER                        | 73                             | 5,285             |                           | 49     | *                | 4240114             |
| COLORADO                                       | 06        | 0580011             | F01                                   | DENVER                        | 73                             | 6,141             |                           | 79     | *                | 4240114             |
| COLORADO                                       | 06        | 2210001             | F01                                   | WELBY                         | 73                             | 1,905             |                           | 51     | *                | 4240114             |
| 042 HARTFORD-NEW HAVEN-SPRINGFIELD (CONN-MASS) |           |                     |                                       |                               |                                |                   |                           |        |                  |                     |
| CONNECTICUT                                    | 07        | 0420003             | F01                                   | HARTFORD                      | 73                             | 1,749             | ** PRIORITY 1 **          | 188    | *                | 4240114             |
| CONNECTICUT                                    | 07        | 0680002             | F01                                   | NEW BRITAIN                   | 73                             | 4,185             |                           | 298    | *                | 4240113             |
| 043 NEW JERSEY-NEW YORK-CONNECTICUT            |           |                     |                                       |                               |                                |                   |                           |        |                  |                     |
| CONNECTICUT                                    | 07        | 0060001             | F01                                   | BRIDGEPORT                    | 73                             | 1,632             | ** PRIORITY 1 **          | 165    | *                | 4240114             |
| CONNECTICUT                                    | 07        | 0060003             | F01                                   | BRIDGEPORT                    | 73                             | 3,940             |                           | 170    | *                | 4240114             |
| CONNECTICUT                                    | 07        | 0330001             | F01                                   | GREENWICH                     | 73                             | 4,127             |                           | 154    | *                | 4240113             |
| CONNECTICUT                                    | 07        | 0330004             | F01                                   | GREENWICH                     | 73                             | 2,536             |                           | 87     | *                | 4240113             |
| CONNECTICUT                                    | 07        | 0330008             | F01                                   | GREENWICH                     | 73                             | 4,235             |                           | 105    | *                | 4240113             |
| NEW JERSEY                                     | 31        | 0060001             | F01                                   | ASBURY PARK                   | 73                             | 8,053             |                           | 102    | -27              | 4240111             |
| NEW JERSEY                                     | 31        | 0180003             | F01                                   | BAYUNNE                       | 73                             | 7,442             |                           | 286    | -69              | 4240111             |
| NEW JERSEY                                     | 31        | 1300003             | F01                                   | ELIZABETH                     | 73                             | 8,012             |                           | 199    | -42              | 4240111             |
| NEW JERSEY                                     | 31        | 1300004             | F01                                   | ELIZABETH                     | 73                             | 6,118             |                           | 329    | *                | 4240111             |
| NEW JERSEY                                     | 31        | 1620001             | F01                                   | FREMULD                       | 73                             | 7,893             |                           | 175    | -43              | 4240111             |
| NEW JERSEY                                     | 31        | 1820001             | F01                                   | HACKENSACK                    | 73                             | 8,037             |                           | 194    | -39              | 4240111             |
| NEW JERSEY                                     | 31        | 2320002             | F01                                   | JERSEY CITY                   | 73                             | 7,682             |                           | 288    | -66              | 4240111             |
| NEW JERSEY                                     | 31        | 3300001             | F01                                   | MORRISTOWN                    | 73                             | 5,111             |                           | 75     | *                | 4240111             |
| NEW JERSEY                                     | 31        | 3480002             | F01                                   | NEWARK                        | 73                             | 7,872             |                           | 305    | -73              | 4240111             |
| NEW JERSEY                                     | 31        | 4140003             | F01                                   | PATERSON                      | 73                             | 7,948             |                           | 153    | -26              | 4240111             |
| NEW JERSEY                                     | 31        | 4220003             | F01                                   | PERTH AMPROY                  | 73                             | 6,535             |                           | 429    | *                | 4240111             |



Table B-2 (continued) - SULFUR DIOXIDE DATA

METHODS: WEST-GAEKE COLORIMETRIC-4240111, CONDUCTOMETRIC-4240113, COLUMBIC-4240114, THOMAS AUTOMETER-4240115,  
FLAME PHOTOMETRIC-4240116, HYDROGEN PEROXIDE-4240131

| AIR QUALITY CONTROL REGION                        | YEAR | NO. OF VALID VALUES | NO. DAILY VALUES EXC'D'G 24-HR STD | HIGHEST 24-HP VALUES UG/CU.M. | NO. OF VALUES EXC'D'G 3-HR STD | ANN. STD UG/CU.M. | A N N U A L MEAN | METHOD  |                     |
|---|------|---------------------|------------------------------------|-------------------------------|--------------------------------|-------------------|------------------|---------|---------------------|
|   |      |                     |                                    |                               |                                |                   |                  |         | AS OF JUNE 08, 1974 |
| 043 NEW JERSEY-NEW YORK-CONNECTICUT (CONTINUED)   |      |                     |                                    |                               |                                |                   |                  |         |                     |
| NEW JERSEY  | 73   | 9,006               | ** PRIORITY 1 **                   | 76                            |                                |                   |                  | 4240111 |                     |
| NEW YORK  | 73   | 5,333               |                                    | 125                           |                                |                   | 19               | 4240111 |                     |
| NEW YORK  | 73   | 5,194               |                                    | 133                           |                                |                   |                  | 4240111 |                     |
| NEW YORK  | 73   | 8,687               | 1                                  | 416                           |                                |                   | 86               | 4240113 |                     |
| NEW YORK  | 73   | 6,469               |                                    | 355                           |                                |                   |                  | 4240131 |                     |
| NEW YORK  | 73   | 5,587               |                                    | 151                           |                                |                   |                  | 4240111 |                     |
| 045 METROPOLITAN PHILADELPHIA (DEL-N.J.-PA)       |      |                     |                                    |                               |                                |                   |                  |         |                     |
| DELAWARE  | 73   | 4,255               |                                    | 155                           |                                |                   |                  | 4240111 |                     |
| DELAWARE  | 73   | 2,741               |                                    | 107                           |                                |                   |                  | 4240111 |                     |
| DELAWARE  | 73   | 3,413               |                                    | 259                           |                                |                   |                  | 4240111 |                     |
| DELAWARE  | 73   | 3,843               |                                    | 203                           |                                |                   |                  | 4240111 |                     |
| DELAWARE  | 73   | 3,876               |                                    | 275                           |                                |                   |                  | 4240111 |                     |
| NEW JERSEY  | 73   | 7,984               |                                    | 222                           |                                |                   | 31               | 4240111 |                     |
| NEW JERSEY  | 73   | 8,007               |                                    | 240                           |                                |                   | 80               | 4240111 |                     |
| NEW JERSEY  | 73   | 8,122               |                                    | 275                           |                                |                   | 59               | 4240111 |                     |
| NEW JERSEY  | 73   | 7,890               |                                    | 63                            |                                |                   | 19               | 4240111 |                     |
| NEW JERSEY  | 73   | 8,051               |                                    | 228                           |                                |                   | 51               | 4240111 |                     |
| NEW JERSEY  | 73   | 8,090               |                                    | 191                           |                                |                   | 35               | 4240111 |                     |
| NEW JERSEY  | 73   | 7,929               |                                    | 302                           |                                |                   | 31               | 4240111 |                     |
| PENNSYLVANIA                                      | 73   | 2,133               | 1                                  | 416                           |                                |                   |                  | 4240113 |                     |
| PENNSYLVANIA                                      | 73   | 1,797               |                                    | 147                           |                                |                   |                  | 4240113 |                     |
| 047 METROPOLITAN CAPITAL (C.C.-MD-VA)             |      |                     |                                    |                               |                                |                   |                  |         |                     |
| MARYLAND  | 73   | 5,017               | ** PRIORITY 1 **                   | 198                           |                                |                   |                  | 4240116 |                     |
| MARYLAND  | 73   | 4,859               |                                    | 109                           |                                |                   |                  | 4240116 |                     |
| MARYLAND  | 73   | 5,139               |                                    | 170                           |                                |                   |                  | 4240111 |                     |
| MARYLAND  | 73   | 5,679               | 2                                  | 583                           | 8                              |                   |                  | 4240116 |                     |
| MARYLAND  | 73   | 3,921               |                                    | 48                            |                                |                   |                  | 4240116 |                     |
| VIRGINIA  | 73   | 4,419               |                                    | 93                            |                                |                   |                  | 4240113 |                     |
| VIRGINIA  | 73   | 3,341               |                                    |                               |                                |                   |                  | 4240113 |                     |
| VIRGINIA  | 73   | 3,313               |                                    |                               |                                |                   |                  | 4240116 |                     |
| 056 METROPOLITAN ATLANTA (GA)                     |      |                     |                                    |                               |                                |                   |                  |         |                     |
| GEORGIA   | 73   | 5,779               | ** PRIORITY 1 **                   | *                             | *****                          |                   |                  | 4240114 |                     |
| 062 EASTERN WASHINGTON-NORTHERN IDAHO (IDAHO-WAS) |      |                     |                                    |                               |                                |                   |                  |         |                     |
| IDAHO   | 73   | 5,447               | ** PRIORITY 1A **                  | 1,168                         | 265                            |                   |                  | 4240114 |                     |
| IDAHO   | 73   | 5,029               |                                    | 1,175                         | 338                            |                   |                  | 4240114 |                     |
| WASHINGTON  | 73   | 6,779               |                                    | 139                           |                                |                   | 40               | 4240113 |                     |

Table B-2 (continued). SULFUR DIOXIDE DATA

METHODS: WEST-GAEKE COLORIMETRIC-4240111, CONDUCTOMETRIC-4240113, COULOMETRIC-4240114, THUMAS AUTOMETER-4240115, FLAME PHOTOMETRIC-4240116, HYDROGEN PEROXIDE-4240131

| AIR QUALITY CONTROL REGION                  | YEAR | NO. OF VALID VALUES | NO. 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 UG/CU.M. | METHOD  |
|---|------|---------------------|------------------------------------|-------------------------------|--------------------------------|-----------------------------------|---------|
| ** PRIORITY 1 **                            |      |                     |                                    |                               |                                |                                   |         |
| AS OF JUNE 08, 1974                         |      |                     |                                    |                               |                                |                                   |         |
| 065 BURLINGTON-KEOKUK (ILL-IOWA)            | 73   | 2,341               |                                    | 162                           | *                              | *                                 | 4240114 |
| 067 METROPOLITAN CHICAGO (ILL-IND)          |      | ** PRIORITY 1 **    |                                    |                               |                                | AS OF JUNE 08, 1974               |         |
| ILLINOIS                                    | 73   | 2,072               |                                    | 769                           | *                              | *                                 | 4240113 |
| ILLINOIS                                    | 73   | 2,032               | 1                                  | 580                           | *                              | *                                 | 4240113 |
| ILLINOIS                                    | 73   | 5,306               |                                    | 130                           | *                              | *                                 | 4240113 |
| ILLINOIS                                    | 73   | 5,406               |                                    | 265                           | *                              | *                                 | 4240113 |
| ILLINOIS                                    | 73   | 5,394               |                                    | 291                           | *                              | *                                 | 4240113 |
| ILLINOIS                                    | 73   | 5,238               |                                    | 117                           | *                              | *                                 | 4240113 |
| ILLINOIS                                    | 73   | 4,815               |                                    | 229                           | *                              | *                                 | 4240113 |
| ILLINOIS                                    | 73   | 5,376               |                                    | 177                           | *                              | *                                 | 4240113 |
| ILLINOIS                                    | 73   | 5,250               |                                    | 181                           | *                              | *                                 | 4240113 |
| ILLINOIS                                    | 73   | 1,717               |                                    | 123                           | *                              | *                                 | 4240113 |
| ILLINOIS                                    | 73   | 1,829               |                                    | 110                           | *                              | *                                 | 4240114 |
| INDIANA                                     | 73   | 5,231               | 3                                  | 583                           | *                              | *                                 | 4240114 |
| INDIANA                                     | 73   | 3,544               |                                    | 266                           | *                              | *                                 | 4240114 |
| 070 METROPOLITAN ST. LOUIS (ILL-MO)         |      | ** PRIORITY 1 **    |                                    |                               |                                | AS OF JUNE 08, 1974               |         |
| MISSOURI                                    | 73   | 8,025               |                                    | 160                           | .61                            | 49                                | 4240111 |
| MISSOURI                                    | 73   | 7,455               |                                    | 244                           | .62                            | 49                                | 4240111 |
| MISSOURI                                    | 73   | 7,536               |                                    | 205                           | .55                            | 44                                | 4240111 |
| MISSOURI                                    | 73   | 7,312               | 1                                  | 487                           | .56                            | 45                                | 4240111 |
| MISSOURI                                    | 73   | 3,573               |                                    | 250                           | *                              | *                                 | 4240113 |
| MISSOURI                                    | 73   | 7,606               |                                    | 221                           | .43                            | 34                                | 4240111 |
| 077 EVANSVILLE-OWENSBORO-HENDERSON (IND-KY) |      | ** PRIORITY 2 **    |                                    |                               |                                | AS OF JUNE 08, 1974               |         |
| INDIANA                                     | 73   | 1,747               |                                    | 70                            | *                              | *                                 | 4240113 |
| KENTUCKY                                    | 73   | 4,405               |                                    | 222                           | *                              | *                                 | 4240111 |
| KENTUCKY                                    | 73   | 5,921               |                                    | 163                           | *                              | *                                 | 4240111 |
| 078 LOUISVILLE (IND-KY)                     |      | ** PRIORITY 1 **    |                                    |                               |                                | AS OF JUNE 08, 1974               |         |
| KENTUCKY                                    | 73   | 5,254               |                                    | 139                           | *                              | *                                 | 4240114 |
| KENTUCKY                                    | 73   | 7,740               |                                    | 353                           | .69                            | 55                                | 4240114 |
| KENTUCKY                                    | 73   | 8,120               | 1                                  | 419                           | .68                            | 54                                | 4240114 |
| KENTUCKY                                    | 73   | 7,469               |                                    | 319                           | .77                            | 61                                | 4240114 |
| KENTUCKY                                    | 73   | 4,251               |                                    | 194                           | *                              | *                                 | 4240114 |
| 079 METROPOLITAN CINCINNATI (IND-KY-OHIO)   |      | ** PRIORITY 2 **    |                                    |                               |                                | AS OF JUNE 08, 1974               |         |
| KENTUCKY                                    | 73   | 7,123               |                                    | 176                           | .69                            | 55                                | 4240111 |

Table B-2 (continued) . SULFUR DIOXIDE DATA

METHODS: WEST-GAEKE COLJRMETRIC-4240111, CONDUCTOMETRIC-4240113, COULOMETRIC-4240114, THOMAS AUTOMETER-4240115,  
 FLAME PHOTOMETRIC-4240116, HYDROGEN PEROXIDE-4240131

| AIR QUALITY CONTROL REGION                            | YEAR | NO. OF VALID VALUES | NO. DAILY VALUES EXC'D'G 24-HR STD | HIGHEST 24-HR VALUES UG/CU.M. 3-HR STD | NO. OF VALUES EXC'D'G ANN. STD | RATIO TO ANN. STD | A N N U A L MEAN UG/CU.M. | METHUD  |
|---|------|---------------------|------------------------------------|--|--------------------------------|-------------------|---------------------------|---------|
|   |      |                     |                                    |  |                                |                   |                           |         |
| 090 METROPOLITAN INDIANAPOLIS (IND)                   |      |                     | ** PRIORITY 1 **                   |  |                                |                   | AS OF JUNE 08, 1974       |         |
| INDIANA   | 73   | 4,817               |                                    | 154                                    | *                              |                   |                           | 4240113 |
| 094 METROPOLITAN KANSAS CITY (KAN-MU)                 |      |                     | ** PRIORITY 3 **                   |  |                                |                   | AS OF JUNE 08, 1974       |         |
| KANSAS  | 73   | 7,702               |                                    | 191                                    | .34                            |                   | 27                        | 4240114 |
| KANSAS  | 73   | 3,786               |                                    | 108                                    | *                              |                   |                           | 4240114 |
| KANSAS  | 73   | 5,467               |                                    | 38                                     | *                              |                   |                           | 4240114 |
| MISSOURI  | 73   | 2,587               |                                    | 129                                    | *                              |                   |                           | 4240114 |
| MISSOURI  | 73   | 5,719               |                                    | 251                                    | *                              |                   |                           | 4240114 |
| 095 NORTHEAST KANSAS                                  |      |                     | ** PRIORITY 3 **                   |  |                                |                   | AS OF JUNE 08, 1974       |         |
| KANSAS  | 73   | 5,378               |                                    | 120                                    | *                              |                   |                           | 4240114 |
| 096 NORTH CENTRAL KANSAS                              |      |                     | ** PRIORITY 3 **                   |  |                                |                   | AS OF JUNE 08, 1974       |         |
| KANSAS  | 73   | 3,493               |                                    | 15                                     | *                              |                   |                           | 4240114 |
| 097 NORTHWEST KANSAS                                  |      |                     | ** PRIORITY 3 **                   |  |                                |                   | AS OF JUNE 08, 1974       |         |
| KANSAS  | 73   | 2,152               |                                    | 32                                     | *                              |                   |                           | 4240114 |
| 099 SOUTH CENTRAL KANSAS                              |      |                     | ** PRIORITY 3 **                   |  |                                |                   | AS OF JUNE 08, 1974       |         |
| KANSAS  | 73   | 2,040               |                                    | 52                                     | *                              |                   |                           | 4240114 |
| KANSAS  | 73   | 8,275               |                                    | 62                                     | .26                            |                   | 21                        | 4240114 |
| KANSAS  | 73   | 2,936               |                                    | 63                                     | *                              |                   |                           | 4240114 |
| 103 HUNTINGTON-ASHLAND-PORTSMOUTH-IRONTON (KY-OH-M.V) |      |                     | ** PRIORITY 3 **                   |  |                                |                   | AS OF JUNE 08, 1974       |         |
| KENTUCKY  | 73   | 4,264               |                                    | 215                                    | *                              |                   |                           | 4240111 |
| 106 SOUTHERN LOUISIANA-SOUTHEAST TEXAS (LA.-TEX.)     |      |                     | ** PRIORITY 1 **                   |  |                                |                   | AS OF JUNE 08, 1974       |         |
| LOUISIANA   | 73   | 6,544               |                                    | 93                                     | *                              |                   |                           | 4240114 |
| LOUISIANA   | 73   | 5,937               |                                    | 47                                     | *                              |                   |                           | 4240114 |
| 109 DOWN EAST (ME)                                    |      |                     | ** PRIORITY 1A **                  |  |                                |                   | AS OF JUNE 08, 1974       |         |
| MAINE   | 73   | 3,134               |                                    | 63                                     | *                              |                   |                           | 4240111 |
| 110 METROPOLITAN PORTLAND (ME)                        |      |                     | ** PRIORITY 2 **                   |  |                                |                   | AS OF JUNE 08, 1974       |         |
| MAINE   | 73   | 5,862               | 3                                  | 391                                    | *                              |                   |                           | 4240111 |
| MAINE   | 73   | 5,694               |                                    | 214                                    | *                              |                   |                           | 4240111 |

Table B-2 (continued). SULFUR DIOXIDE DATA

METHODS: WEST-GAEKE COLORIMETRIC-4240111, CONDUCTOMETRIC-4240113, COLUMETRIC-4240114, THOMAS AUTOMETER-4240115, FLAME PHOTOMETRIC-4240116, HYDROGEN PEROXIDE-4240131

| AIR QUALITY CONTROL REGION                                     | YEAR | NO. OF VALU | NO. DAILY VALUES EXC'D'G 24-HR STD | HIGHEST 24-HR VALUES UG/CU.M. 3-HR STD | NO. OF VALUES EXC'D'G ANN. STD | A N N U A L RATIO TO MEAN UG/CU.M. | METHOD  |
|--|------|-------------|------------------------------------|--|--------------------------------|------------------------------------|---------|
|  | 19-- | VALUES      | VALUES                             | VALUES                                 | VALUES                         |                                    |         |
| <b>113 CUMBERLAND-KEYSER (MD-N. VA.)</b>                       |      |             |                                    |  |                                |                                    |         |
| MARYLAND   | 73   | 5,163       | ** PRIORITY 1 **                   | 147                                    | *                              |                                    | 4240116 |
| <b>115 METROPOLITAN BALTIMORE (MD)</b>                         |      |             |                                    |  |                                |                                    |         |
| MARYLAND   | 73   | 1,803       |                                    | 256                                    | *                              |                                    | 4240113 |
| MARYLAND   | 73   | 5,587       |                                    | 191                                    | *                              |                                    | 4240116 |
| MARYLAND   | 73   | 5,131       | 1                                  | 403                                    | *                              |                                    | 4240116 |
| MARYLAND   | 73   | 4,767       |                                    | 149                                    | *                              |                                    | 4240116 |
| MARYLAND   | 73   | 1,768       |                                    | 223                                    | *                              |                                    | 4240113 |
| <b>120 METROPOLITAN PROVIDENCE (MASS-R.I.)</b>                 |      |             |                                    |  |                                |                                    |         |
| RHODE ISLAND   | 73   | 3,323       | ** PRIORITY 1 **                   | 120                                    | *                              |                                    | 4240114 |
| RHODE ISLAND   | 73   | 5,594       | 3                                  | 620                                    | *                              |                                    | 4240111 |
| RHODE ISLAND   | 73   | 5,915       |                                    | 224                                    | *                              |                                    | 4240111 |
| <b>121 MERRIMACK VALLEY-SOUTHERN NEW HAMPSHIRE (MASS-N.H.)</b> |      |             |                                    |  |                                |                                    |         |
| NEW HAMPSHIRE  | 73   | 3,213       | ** PRIORITY 1 **                   | 107                                    | *                              |                                    | 4240114 |
| NEW HAMPSHIRE  | 73   | 6,295       |                                    | 180                                    | *                              |                                    | 4240114 |
| <b>122 CENTRAL MICHIGAN</b>                                    |      |             |                                    |  |                                |                                    |         |
| MICHIGAN   | 73   | 1,901       | ** PRIORITY 3 **                   | 111                                    | *                              |                                    | 4240114 |
| MICHIGAN   | 73   | 7,849       |                                    | 127                                    | .49                            | 39                                 | 4240114 |
| MICHIGAN   | 73   | 5,149       |                                    | 193                                    | *                              |                                    | 4240114 |
| MICHIGAN   | 73   | 3,455       | 8                                  | 1,148                                  | *                              |                                    | 4240114 |
| MICHIGAN   | 73   | 6,845       |                                    | 108                                    | .39                            | 31                                 | 4240114 |
| <b>123 METROPOLITAN DETROIT-PORT HURON (MICH)</b>              |      |             |                                    |  |                                |                                    |         |
| MICHIGAN   | 73   | 5,944       | ** PRIORITY 1 **                   | 131                                    | *                              |                                    | 4240114 |
| MICHIGAN   | 73   | 4,695       |                                    | 235                                    | *                              |                                    | 4240114 |
| MICHIGAN   | 73   | 5,411       |                                    | 277                                    | *                              |                                    | 4240114 |
| MICHIGAN   | 73   | 5,952       |                                    | 293                                    | *                              |                                    | 4240114 |
| MICHIGAN   | 73   | 6,271       |                                    | 273                                    | *                              |                                    | 4240114 |
| MICHIGAN   | 73   | 5,634       |                                    | 264                                    | *                              |                                    | 4240114 |
| MICHIGAN   | 73   | 6,054       |                                    | 301                                    | *                              |                                    | 4240114 |
| MICHIGAN   | 73   | 6,118       |                                    | 157                                    | *                              |                                    | 4240114 |
| MICHIGAN   | 73   | 7,837       | 1                                  | 404                                    | 1.02                           | 82                                 | 4240114 |
| MICHIGAN   | 73   | 5,624       |                                    | 114                                    | *                              |                                    | 4240114 |
| MICHIGAN   | 73   | 6,591       | 1                                  | 410                                    | .75                            | 60                                 | 4240114 |
| MICHIGAN   | 73   | 6,660       |                                    | 185                                    | .51                            | 41                                 | 4240114 |
| MICHIGAN   | 73   | 6,865       |                                    | 135                                    | .36                            | 28                                 | 4240114 |

Table B-2 (continued) . SULFUR DIOXIDE DATA

METHODS: WEST-GAENE CULJOKIMETRIC-4240111, CONDUCTOMETRIC-4240113, COULOMETRIC-4240114, THOMAS AUTOMETRIC-4240115,  
 FLAME PHOTOMETRIC-4240116, HYDROGEN PEROXIDE-4240117

| AIR QUALITY CONTROL REGION                             | YEAR | HJ. OF VALID VALUES | MC. DAILY VALUES EXC'D'G 24-HR STD | HIGHEST 24-HR VALUES UG/CU.M. 3-HR STD | NJ. OF VALUES EXC'D'G 3-HR STD | ANN. STD | RATIO TO MEAN | A N U A L | METHOD  |
|--|------|---------------------|------------------------------------|--|--------------------------------|----------|---------------|-----------|---------|
|  |      |                     |                                    |  |                                |          |               |           |         |
| 123 METROPOLITAN DETROIT-PORT HURON (MICH) (CONTINUED) |      |                     |                                    |  |                                |          |               |           |         |
| MICHIGAN   | 73   | 6,221               | ** PRIORITY 1 **                   | 255                                    |                                | *        |               |           | 4240114 |
| MICHIGAN   | 73   | 5,818               |                                    | 97                                     |                                | *        |               |           | 4240114 |
| MICHIGAN   | 73   | 5,492               |                                    | 128                                    |                                | *        |               |           | 4240114 |
| 124 METROPOLITAN TOLEDO (MICH-OHIO)                    |      |                     |                                    |  |                                |          |               |           |         |
| MICHIGAN   | 73   | 6,997               |                                    | 197                                    |                                | .51      | 41            |           | 4240114 |
| MICHIGAN   | 73   | 7,311               |                                    | 224                                    |                                | .42      | 33            |           | 4240114 |
| 125 SOUTH CENTRAL MICHIGAN                             |      |                     |                                    |  |                                |          |               |           |         |
| MICHIGAN   | 73   | 7,978               | 12                                 | 756                                    | 5                              | 1.02     | 82            |           | 4240114 |
| MICHIGAN   | 73   | 5,748               | 1                                  | 408                                    |                                | *        |               |           | 4240114 |
| 128 SOUTHEAST MINNESOTA-LA CROSSE (MINN-WISC)          |      |                     |                                    |  |                                |          |               |           |         |
| MINNESOTA  | 73   | 8,023               | 1                                  | 610                                    |                                | .40      | 32            |           | 4240114 |
| 129 DULUTH-SUPERIOR (MINN-WISC)                        |      |                     |                                    |  |                                |          |               |           |         |
| MINNESOTA  | 73   | 6,987               |                                    | 80                                     |                                | .28      | 22            |           | 4240114 |
| 131 MINNEAPOLIS-ST. PAUL (MINN)                        |      |                     |                                    |  |                                |          |               |           |         |
| MINNESOTA  | 73   | 5,867               |                                    | 165                                    |                                | *        |               |           | 4240114 |
| MINNESOTA  | 73   | 4,692               |                                    | 200                                    |                                | *        |               |           | 4240114 |
| MINNESOTA  | 73   | 7,844               | 1                                  | 378                                    |                                | .71      | 57            |           | 4240114 |
| MINNESOTA  | 73   | 6,621               |                                    | 310                                    |                                | .62      | 50            |           | 4240114 |
| MINNESOTA  | 73   | 6,461               |                                    | 88                                     |                                | *        |               |           | 4240114 |
| MINNESOTA  | 73   | 8,575               |                                    | 226                                    |                                | .56      | 45            |           | 4240114 |
| 138 SOUTHEAST MISSOURI                                 |      |                     |                                    |  |                                |          |               |           |         |
| MISSOURI   | 73   | 3,007               | ** PRIORITY 3 **                   | 77                                     |                                | *        |               |           | 4240113 |
| MISSOURI   | 73   | 1,736               |                                    | 187                                    |                                | *        |               |           | 4240113 |
| MISSOURI   | 73   | 4,007               |                                    | 217                                    |                                | *        |               |           | 4240113 |
| 147 NEVADA (REMAINDER)                                 |      |                     |                                    |  |                                |          |               |           |         |
| NEVADA   | 73   | 2,486               | 3                                  | 473                                    | 8                              | *        |               |           | 4240111 |
| NEVADA   | 73   | 5,210               | 8                                  | 550                                    | 46                             | *        |               |           | 4240114 |
| NEVADA   | 73   | 5,395               | 73                                 | 1,391                                  | 264                            | *        |               |           | 4240114 |

Table B-2 (continued) . SULFUR DIOXIDE DATA

METHODS: WEST-GAEKE COLORIMETRIC-4240111, CONDUCTOMETRIC-4240113, COLUMBETRIC-4240114, THOMAS AUTOMETEP-4240115, FLAME PHOTOMETRIC-4240116, HYDROGEN PEROXIDE-4240131

| AIR QUALITY CONTROL REGION                             | 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 UG/CU.M. | METHOD  | AS OF JUNE 08, 1974 |                |
|--|------------------------------|---------------------------------------|-------------------------------|--------------------------------|-----------------------------------|---------|---------------------|----------------|
|  |                              |                                       |                               |                                |                                   |         | PRIORITY 1A **      | PRIORITY 1B ** |
| 150 NEW JERSEY (REMAINDER)                             |                              |                                       |                               |                                |                                   |         |                     |                |
| NEW JERSEY   | 31 0100002 F01 ATLANTIC CITY | 73                                    | 63                            | 3,504                          | *                                 | 4240111 |                     |                |
| NEW JERSEY   | 31 5360001 F01 TOMS RIVER    | 73                                    | 74                            | 7,829                          | .24                               | 4240111 | 19                  |                |
| 151 NORTHEAST PENNSYLVANIA-UPPER DEL. VAL. (PENN-N.J.) |                              |                                       |                               |                                |                                   |         |                     |                |
| NEW JERSEY   | 31 4240002 F01 PHILLIPSBURG  | 73                                    | 167                           | 7,614                          | .35                               | 4240111 | 28                  |                |
| 158 CENTRAL NEW YORK                                   |                              |                                       |                               |                                |                                   |         |                     |                |
| NEW YORK   | 33 6620005 F01 SYRACUSE      | 73                                    | 106                           | 4,812                          | *                                 | 4240114 |                     |                |
| NEW YORK   | 33 6620011 F01 SYRACUSE      | 73                                    | 84                            | 5,266                          | *                                 | 4240111 |                     |                |
| NEW YORK   | 33 6620011 F01 SYRACUSE      | 73                                    | 78                            | 4,506                          | *                                 | 4240114 |                     |                |
| NEW YORK   | 33 6880004 F01 UTICA         | 73                                    | 98                            | 4,964                          | *                                 | 4240111 |                     |                |
| NEW YORK   | 33 6880004 F01 UTICA         | 73                                    | 85                            | 5,038                          | *                                 | 4240114 |                     |                |
| 159 CHAMPLAIN VALLEY (N.Y.-VT)                         |                              |                                       |                               |                                |                                   |         |                     |                |
| NEW YORK   | 33 2480003 F01 GLENS FALLS   | 73                                    | 208                           | 5,124                          | *                                 | 4240111 |                     |                |
| 160 GENESEE-FINGER LAKES (N.Y.)                        |                              |                                       |                               |                                |                                   |         |                     |                |
| NEW YORK   | 33 5760004 F01 ROCHESTER (C) | 73                                    | 175                           | 5,694                          | *                                 | 4240111 |                     |                |
| 161 HUDSON VALLEY (N.Y.)                               |                              |                                       |                               |                                |                                   |         |                     |                |
| NEW YORK   | 33 3500002 F01 KINGSTON      | 73                                    | 172                           | 5,763                          | *                                 | 4240111 |                     |                |
| NEW YORK   | 33 5680001 F01 RENSSELAER    | 73                                    | 126                           | 5,614                          | *                                 | 4240111 |                     |                |
| NEW YORK   | 33 6020003 F01 SCHENECTADY   | 73                                    | 200                           | 5,199                          | *                                 | 4240111 |                     |                |
| 162 NIAGARA FRONTIER (N.Y.-)                           |                              |                                       |                               |                                |                                   |         |                     |                |
| NEW YORK   | 33 6660005 F01 BUFFALO       | 73                                    | 369                           | 5,590                          | *                                 | 4240111 |                     |                |
| NEW YORK   | 33 6660005 F01 BUFFALO       | 73                                    | 337                           | 5,434                          | *                                 | 4240114 |                     |                |
| NEW YORK   | 33 0660007 F01 BUFFALO       | 73                                    | 206                           | 4,031                          | *                                 | 4240111 |                     |                |
| NEW YORK   | 33 4740006 F01 NIAGARA FALLS | 73                                    | 366                           | 5,677                          | *                                 | 4240111 |                     |                |
| NEW YORK   | 33 4740006 F01 NIAGARA FALLS | 73                                    | 261                           | 4,433                          | *                                 | 4240114 |                     |                |
| NEW YORK   | 33 6760002 F01 TONAWANDA     | 73                                    | 353                           | 3,125                          | *                                 | 4240111 |                     |                |
| 167 METROPOLITAN CHARLOTTE (N.C.-S.C.)                 |                              |                                       |                               |                                |                                   |         |                     |                |
| NORTH CAROLINA   | 34 C700024 G02 CHARLOTTE     | 73                                    | 117                           | 2,890                          | *                                 | 4240114 |                     |                |
| 174 GREATER METROPOLITAN CLEVELAND (OHIO)              |                              |                                       |                               |                                |                                   |         |                     |                |
| OHIO   | 36 0060013 H01 AKRON         | 73                                    | 374                           | 6,479                          | *                                 | 4240113 |                     |                |

Table B-2 (continued). SULFUR DIOXIDE DATA

METHODS: WEST-GAEKE CULDRIMETRIC-4240111, CONDUCTOMETRIC-4240113, COULOMETRIC-4240114, THOMAS AUTOMETER-4240115, FLAME PHOTOMETRIC-4240116, HYDROGEN PEROXIDE-4240131

| AIR QUALITY CONTROL REGION                                     | YEAR | NO. OF VALID VALUES | NO. DAILY VALUES EXC'D'G 24-HR STD | HIGHEST 24-HR VALUES JG/CU.M. 3-HR STD | NU. OF VALUES EXC'D'G 3-HR STD | RATIO TO ANN. STD | METHOD  |
|--|------|---------------------|------------------------------------|--|--------------------------------|-------------------|---------|
|  |      |                     |                                    |  |                                |                   |         |
| <b>193 PORTLAND (ORE-WASH)</b>                                 |      |                     |                                    |  |                                |                   |         |
| OREGON   | 73   | 6,361               |                                    | 97                                     |                                | *                 | 4240113 |
| OREGON   | 73   | 1,961               |                                    | 206                                    |                                | *                 | 4240113 |
| OREGON   | 73   | 3,933               |                                    | 235                                    |                                | *                 | 4240113 |
| WASHINGTON   | 73   | 5,709               |                                    | 79                                     |                                | *                 | 4240113 |
| <b>197 SOUTHWEST PENNSYLVANIA</b>                              |      |                     |                                    |  |                                |                   |         |
| PENNSYLVANIA   | 73   | 6,414               | 3                                  | 651                                    | 1                              | *                 | 4240114 |
| PENNSYLVANIA   | 73   | 6,302               | 14                                 | 965                                    | 17                             | *                 | 4240114 |
| PENNSYLVANIA   | 73   | 6,418               |                                    | 188                                    |                                | *                 | 4240114 |
| PENNSYLVANIA   | 73   | 6,430               |                                    | 282                                    |                                | *                 | 4240114 |
| PENNSYLVANIA   | 73   | 6,302               | 1                                  | 413                                    |                                | *                 | 4240114 |
| PENNSYLVANIA   | 73   | 6,003               |                                    | 240                                    |                                | *                 | 4240114 |
| PENNSYLVANIA   | 73   | 6,252               |                                    | 208                                    |                                | *                 | 4240114 |
| <b>199 CHARLESTON (S.C.)</b>                                   |      |                     |                                    |  |                                |                   |         |
| SOUTH CAROLINA   | 73   | 3,049               |                                    | 69                                     |                                | *                 | 4240111 |
| SOUTH CAROLINA   | 73   | 2,661               |                                    | 146                                    |                                | *                 | 4240114 |
| <b>200 COLUMBIA (S.C.)</b>                                     |      |                     |                                    |  |                                |                   |         |
| SOUTH CAROLINA   | 73   | 3,525               |                                    | 171                                    |                                | *                 | 4240111 |
| <b>207 EASTERN TENNESSEE-SOUTHWESTERN VIRGINIA (TENN.-VA.)</b> |      |                     |                                    |  |                                |                   |         |
| VIRGINIA   | 73   | 3,333               |                                    | 95                                     |                                | *                 | 4240114 |
| <b>220 WASATCH FRONT (UTAH)</b>                                |      |                     |                                    |  |                                |                   |         |
| UTAH   | 73   | 4,866               | 46                                 | 1,226                                  | 176                            | *                 | 4240114 |
| UTAH   | 73   | 4,498               | 89                                 | 1,586                                  | 556                            | *                 | 4240114 |
| UTAH   | 73   | 5,279               | 28                                 | 1,101                                  | 73                             | *                 | 4240114 |
| <b>223 HAMPTON ROADS (VA)</b>                                  |      |                     |                                    |  |                                |                   |         |
| VIRGINIA   | 73   | 5,100               |                                    | 203                                    |                                | *                 | 4240114 |
| VIRGINIA   | 73   | 4,948               |                                    | 156                                    |                                | *                 | 4240114 |
| VIRGINIA   | 73   | 5,684               |                                    | 123                                    |                                | *                 | 4240114 |
| <b>228 OLYMPIC-NORTHWEST WASHINGTON</b>                        |      |                     |                                    |  |                                |                   |         |
| WASHINGTON   | 73   | 1,996               |                                    | 234                                    |                                | *                 | 4240113 |

Table B-2 (continued) . SULFUR DIOXIDE DATA

METHODS: WEST-GAEKE COLORIMETRIC-4240111, CONDUCTOMETRIC-4240113, COULOMETRIC-4240114, THOMAS AUTOMETER-4240115,  
 FLAME PHOTOMETRIC-4240116, HYDROGEN PEROXIDE-4240131

| AIR QUALITY CONTROL REGION | YEAR | 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 | A N N U A L       |               | METHOD  |
|----------------------------|------|---------------------|---------------------------------------|-------------------------------|--------------------------------|-------------------|---------------|---------|
|                            |      |                     |                                       |                               |                                | RATIO TO ANN. STD | MEAN UG/CU.M. |         |
| 229 PUGET SOUND (WASH)     |      |                     |                                       |                               |                                |                   |               |         |
| ** PRIORITY 1A **          |      |                     |                                       |                               |                                |                   |               |         |
| WASHINGTON                 | 73   | 2,067               |                                       | 72                            |                                | *                 |               | 4240113 |
| WASHINGTON                 | 73   | 6,984               |                                       | 182                           |                                | 1.12              | 90            | 4240113 |
| WASHINGTON                 | 73   | 7,272               |                                       | 148                           |                                | .98               | 78            | 4240113 |
| WASHINGTON                 | 73   | 2,132               |                                       | 156                           |                                |                   |               | 4240113 |
| WASHINGTON                 | 73   | 7,517               |                                       | 112                           |                                | .52               | 41            | 4240113 |
| 239 SOUTHEASTERN WISCONSIN |      |                     |                                       |                               |                                |                   |               |         |
| ** PRIORITY 2 **           |      |                     |                                       |                               |                                |                   |               |         |
| WISCONSIN                  | 73   | 8,249               |                                       | 272                           |                                | .50               | 40            | 4240113 |
| WISCONSIN                  | 73   | 8,338               |                                       | 230                           |                                | .67               | 53            | 4240113 |
| AS OF JUNE 08, 1974        |      |                     |                                       |                               |                                |                   |               |         |



## C. CARBON MONOXIDE

All measurements of carbon monoxide reported here have been taken using the reference nondispersive infrared (NDIR) method. Stations are grouped by AQCR in Table C-1. Stations in interstate AQCR's are grouped according to their respective states. In the body of the table, each line represents a station, showing its state, station code, station name, and year - 1973. The next two columns list the number of valid hourly values reported and the number of those values exceeding the 1-hour standard ( $40 \text{ mg/m}^3$ ). The next column reports the number of times the moving 8-hour average exceeded the 8-hour standard ( $10 \text{ mg/m}^3$ ).

The next column lists the 99th percentile in the frequency distribution of 1-hour values, that is, the concentration that 99 percent of the values are equal to or less than. This statistic gives perspective on the upper range of values in addition to the first and second highest 1-hour values shown in the next two columns.

The next two columns are intended to show the first and second highest moving 8-hour averages, but only the highest 8-hour average was accessible for this printing.

The final column lists annual means, if 75 percent of the possible hourly values have been reported.

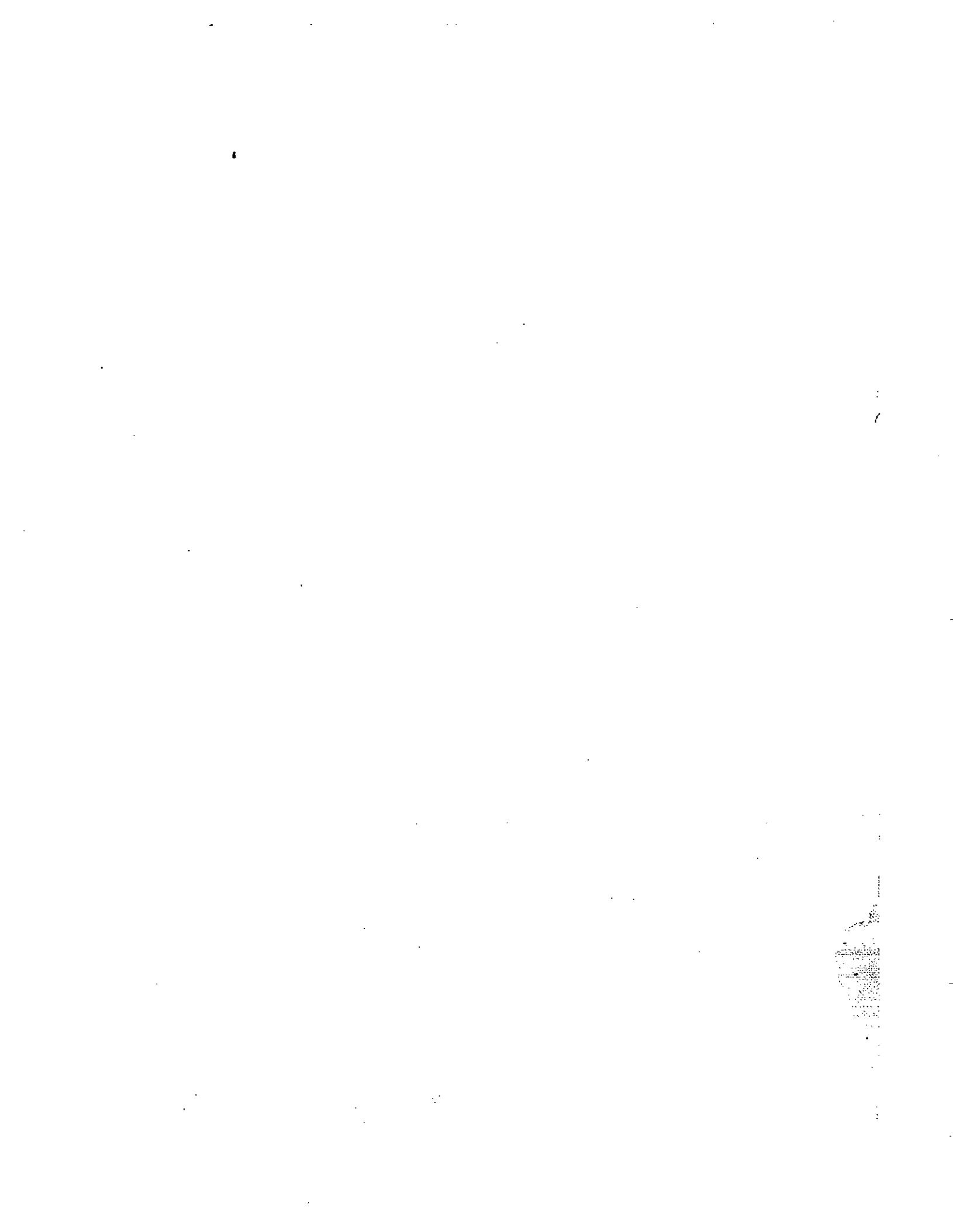


Table C-1 (continued). CARBON MONOXIDE DATA

METHOD: NONDISPERSIVE INFRARED (NDIR) CONTINUOUS, HOURLY VALUES - 4210111

| AIR QUALITY CONTROL AGENCY                         | YEAR 19-- | NO. OF VALID VALUES | NO. OF VALUES EXCEEDING STANDARDS 1-HR | 99TH PERCENTILE OF 1-HR VALUES, MG/CU.M. | HIGHEST 1-HR VALUES, MG/CU.M. |     | ANNUAL ARITH. MEAN, MG/CU.M. |
|--|-----------|---------------------|--|--|-------------------------------|-----|------------------------------|
|  |           |                     |  |  | 1ST                           | 2ND |                              |
|  |           |                     |  |  | AS OF JUNE 09, 1974           |     |                              |
| <b>033 SOUTHEAST DESERT (CALIF) (CONTINUED)</b>    |           |                     |  |  |                               |     |                              |
| CALIFORNIA   | 73        | 4,336               | 2                                      | 10                                       | 16                            | 14  | 10.1                         |
| CALIFORNIA   | 73        | 4,384               | 9                                      | 9  | 14                            | 13  | 11.1                         |
| <b>036 METROPOLITAN DENVER (COLO)</b>              |           |                     |  |  |                               |     |                              |
| COLORADO   | 73        | 3,393               | 142                                    | 20                                       | 32                            | 32  | 25.4                         |
| COLORADO   | 73        | 4,241               | 2                                      | 21                                       | 48                            | 43  | 27.5                         |
| COLORADO   | 73        | 5,668               | 4                                      | 18                                       | 47                            | 46  | 37.8                         |
| COLORADO   | 73        | 7,776               | 6                                      | 21                                       | 62                            | 45  | 28.2                         |
| COLORADO   | 73        | 7,472               | 4                                      | 14                                       | 64                            | 48  | 35.6                         |
| COLORADO   | 73        | 3,898               | 78                                     | 14                                       | 37                            | 37  | 30.3                         |
| <b>043 NEW JERSEY-NEW YORK-CONNECTICUT</b>         |           |                     |  |  |                               |     |                              |
| CONNECTICUT  | 73        | 4,268               | 30                                     | 9  | 19                            | 19  | 14.1                         |
| NEW JERSEY   | 73        | 8,124               |  | 7  | 21                            | 14  | 9.0                          |
| NEW JERSEY   | 73        | 7,377               |  | 23                                       | 60                            | 42  | 33.0                         |
| NEW JERSEY   | 73        | 8,150               | 6                                      | 10                                       | 29                            | 29  | 15.4                         |
| NEW JERSEY   | 73        | 6,048               |  | 20                                       | 61                            | 44  | 27.1                         |
| NEW JERSEY   | 73        | 7,928               | 2                                      | 16                                       | 36                            | 34  | 27.0                         |
| NEW JERSEY   | 73        | 7,177               |  | 24                                       | 39                            | 37  | 28.1                         |
| NEW JERSEY   | 73        | 7,822               |  | 29                                       | 47                            | 45  | 36.1                         |
| NEW JERSEY   | 73        | 5,031               | 6                                      | 17                                       | 47                            | 39  | 23.7                         |
| NEW JERSEY   | 73        | 7,840               | 1                                      | 21                                       | 83                            | 77  | 39.5                         |
| NEW JERSEY   | 73        | 7,666               | 4                                      | 20                                       | 35                            | 31  | 23.1                         |
| NEW JERSEY   | 73        | 7,713               |  | 20                                       | 65                            | 64  | 45.3                         |
| NEW JERSEY   | 73        | 7,922               | 4                                      | 15                                       | 31                            | 31  | 24.6                         |
| NEW JERSEY   | 73        | 5,817               |  | 13                                       | 40                            | 39  | 19.6                         |
| NEW JERSEY   | 73        | 4,540               |  | 57                                       | 80                            | 77  | 59.1                         |
| NEW JERSEY   | 73        | 5,346               | 407                                    | 8  | 15                            | 14  | 9.8                          |
| NEW JERSEY   | 73        | 5,753               |  | 31                                       | 70                            | 44  | 30.2                         |
| NEW JERSEY   | 73        | 8,433               | 4                                      | 25                                       | 41                            | 37  | 28.0                         |
| NEW JERSEY   | 73        | 5,907               | 1                                      | 25                                       | 41                            | 37  | 28.0                         |
| <b>045 METROPOLITAN PHILADELPHIA (DEL-N.J.-PA)</b> |           |                     |  |  |                               |     |                              |
| NEW JERSEY   | 73        | 8,092               | 647                                    | 18                                       | 38                            | 35  | 22.9                         |
| NEW JERSEY   | 73        | 7,987               | 143                                    | 13                                       | 38                            | 32  | 30.4                         |
| NEW JERSEY   | 73        | 8,193               | 86                                     | 12                                       | 40                            | 25  | 14.9                         |
| NEW JERSEY   | 73        | 7,955               |  | 5  | 17                            | 17  | 6.9                          |
| NEW JERSEY   | 73        | 7,845               |  | 14                                       | 31                            | 29  | 26.9                         |
| NEW JERSEY   | 73        | 7,922               |  | 14                                       | 39                            | 31  | 24.5                         |
| NEW JERSEY   | 73        | 7,866               | 5                                      | 27                                       | 40                            | 44  | 37.1                         |
| PENNSYLVANIA                                       | 73        | 2,176               | 19                                     | 11                                       | 17                            | 16  | 11.8                         |
| PENNSYLVANIA                                       | 73        | 1,844               | 1                                      | 14                                       | 92                            | 25  | 20.1                         |

Table C-1 (continued). CARBON MONOXIDE DATA

METHOD: NONDISPERSIVE INFRARED (NDIR) CONTINUOUS, HOURLY VALUES - 4210111

| AIR QUALITY CONTROL REGION                        | YEAR      | NO. OF VALID VALUES         | NO. OF VALUES EXCEEDING STANDARDS | 99TH PCTL OF 1-HR VALUES, MG/CU.M. | HIGHEST 1-HR VALUES, MG/CU.M. |     | HIGHEST 8-HR AVGS, MG/CU.M. |      | ANNUAL ARITH. MEAN, MG/CU.M. |
|---|-----------|-----------------------------|-----------------------------------|------------------------------------|-------------------------------|-----|-----------------------------|------|------------------------------|
|   |           |                             |                                   |                                    | 1ST                           | 2ND | 1ST                         | 2ND  |                              |
| 047 NATIONAL CAPITAL (D.C.-MD-VA)                 |           |                             |                                   |                                    |                               |     |                             |      |                              |
|   |           | ** PRIORITY 1 **            |                                   | AS OF JUNE 09, 1974                |                               |     |                             |      |                              |
| MARYLAND  | 21 020005 | FOI BETHESDA                | 73 5,245                          | 6                                  | 29                            | 16  | 9.2                         |      |                              |
| MARYLAND  | 21 078004 | FOI GAITHERSBURG            | 73 5,600                          | 18                                 | 57                            | 52  | 18.8                        |      |                              |
| MARYLAND  | 21 158003 | FOI HYATTSVILLE             | 73 4,895                          | 8                                  | 14                            | 13  | 10.1                        |      |                              |
| MARYLAND  | 21 148006 | FOI SILVER SPRING           | 73 5,797                          | 1                                  | 49                            | 28  | 14.4                        |      |                              |
| MARYLAND  | 21 156001 | FOI SUITLAND                | 73 5,018                          | 6                                  | 28                            | 26  | 15.7                        |      |                              |
| VIRGINIA  | 43 008009 | FOI ALEXANDRIA              | 73 4,679                          | 9                                  | 21                            | 21  | 10.2                        |      |                              |
| VIRGINIA  | 48 020008 | FOI ARLINGTON COUNTY        | 73 5,648                          |                                    |                               |     |                             |      |                              |
| 056 METROPOLITAN ATLANTA (GA)                     |           |                             |                                   |                                    |                               |     |                             |      |                              |
| GEORGIA   | 11 020001 | FOI ATLANTA                 | 73 6,417                          | 13                                 | 36                            | 33  | 18.8                        |      |                              |
| 060 HAWAII  |           |                             |                                   |                                    |                               |     |                             |      |                              |
| HAWAII  | 12 012001 | FOI HONOLULU                | 73 3,267                          | 1                                  | 41                            | 36  | 15.6                        |      |                              |
| 062 EASTERN WASHINGTON-NORTHERN IDAHO (IDAHO-WAS) |           |                             |                                   |                                    |                               |     |                             |      |                              |
| WASHINGTON  | 49 204011 | FOI SPOKANE                 | 73 8,533                          | 262                                | 33                            | 33  | 20.4                        |      | 4                            |
| WASHINGTON  | 49 204012 | FOI SPOKANE                 | 73 7,598                          | 14                                 | 28                            | 26  | 18.0                        |      | 2                            |
| 067 METROPOLITAN CHICAGO (ILL-IND)                |           |                             |                                   |                                    |                               |     |                             |      |                              |
| ILLINOIS  | 14 078001 | FOI CALUMET CITY            | 73 2,102                          | 3                                  | 4                             | 4   | 3.3                         |      |                              |
| ILLINOIS  | 14 122002 | FOI CHICAGO                 | 73 3,403                          | 607                                | 37                            | 33  | 26.0                        |      |                              |
| ILLINOIS  | 14 122005 | FOI CHICAGO                 | 73 5,247                          | 205                                | 38                            | 36  | 17.1                        |      |                              |
| ILLINOIS  | 14 124001 | FOI CHICAGO HEIGHTS         | 73 1,968                          | 2                                  | 5                             | 4   | 2.7                         |      |                              |
| ILLINOIS  | 14 342001 | FOI HILLSIDE                | 73 2,155                          | 3                                  | 24                            | 9   | 8.3                         |      |                              |
| ILLINOIS  | 14 716005 | FOI SKOKIE                  | 73 2,377                          | 4                                  | 8                             | 7   | 5.3                         |      |                              |
| 070 METROPOLITAN ST. LOUIS (ILL-MO)               |           |                             |                                   |                                    |                               |     |                             |      |                              |
| MISSOURI  | 26 003001 | FOI AFTON                   | 73 6,938                          | 1                                  | 18                            | 20  | 14.3                        |      | 4                            |
| MISSOURI  | 26 020002 | FOI BELLEFONTAINE NEIGHBORS | 73 7,004                          | 1                                  | 20                            | 15  | 12.8                        |      | 3                            |
| MISSOURI  | 26 104001 | FOI CLAYTON                 | 73 7,228                          | 2                                  | 65                            | 57  | 48                          | 17.3 | 3                            |
| MISSOURI  | 26 412001 | FOI ST ANN                  | 73 6,349                          | 49                                 | 23                            | 22  | 16.6                        |      |                              |
| MISSOURI  | 26 428002 | FOI ST LOUIS                | 73 4,348                          | 255                                | 34                            | 33  | 18.4                        |      |                              |
| MISSOURI  | 26 430006 | FOI ST LOUIS COUNTY         | 73 6,531                          | 1                                  | 19                            | 26  | 13.1                        |      |                              |
| 072 PADUCAH-CAIRO (ILL-KY)                        |           |                             |                                   |                                    |                               |     |                             |      |                              |
| KENTUCKY  | 18 310020 | FOI PADUCAH                 | 73 6,213                          | 65                                 | 21                            | 20  | 18.4                        |      |                              |
| 077 EVANSVILLE-HENDERSON (IND-KY)                 |           |                             |                                   |                                    |                               |     |                             |      |                              |
| KENTUCKY  | 18 314003 | FOI OWENSBORO               | 73 5,338                          | 99                                 | 33                            | 31  | 25.9                        |      |                              |

Table C-1 (continued). CARBON MONOXIDE DATA

METHOD: NONDISPERSIVE INFRARED (NDIR) CONTINUOUS, HOURLY VALUES - 4210111

| AIR QUALITY CONTROL REGION                              | YEAR | NU. OF VALID VALUES | NG. OF VALUES EXCEEDING STANDARDS | 99TH PCTL OF 1-HR VALUES, MG/CU.M. | HIGHEST 1-HR VALUES, MG/CU.M. |      | HIGHEST 8-HR AVGS, MG/CU.M. |     | ANNUAL ARITH. MEAN, MG/CU.M. |
|---|------|---------------------|-----------------------------------|------------------------------------|-------------------------------|------|-----------------------------|-----|------------------------------|
|   |      |                     |                                   |                                    | 1-HR                          | 8-HR | 1ST                         | 2ND |                              |
| 078 LOUISVILLE (IND-KY)                                 |      |                     | ** PRIORITY 3 **                  |                                    | AS OF JUNE 09, 1974           |      |                             |     |                              |
| KENTUCKY  | 73   | 8,307               | 402                               | 17                                 | 38                            | 34   | 26.4                        |     | 5                            |
| KENTUCKY  | 73   | 2,429               | 8                                 | 11                                 | 18                            | 18   | 11.3                        |     |                              |
| KENTUCKY  | 73   | 3,504               | 30                                | 13                                 | 29                            | 28   | 18.8                        |     |                              |
| KENTUCKY  | 73   | 7,229               | 91                                | 13                                 | 25                            | 25   | 15.6                        |     | 3                            |
| 080 METROPOLITAN INDIANAPOLIS (IND)                     |      |                     | ** PRIORITY 1 **                  |                                    | AS OF JUNE 09, 1974           |      |                             |     |                              |
| INDIANA   | 73   | 3,007               |                                   | 5                                  | 13                            | 10   | 5.6                         |     |                              |
| 085 METROPOLITAN OMAHA-COUNCIL BLUFFS (IOWA-NEB.)       |      |                     | ** PRIORITY 3 **                  |                                    | AS OF JUNE 09, 1974           |      |                             |     |                              |
| NEBRASKA  | 73   | 8,078               | 20                                | 11                                 | 29                            | 24   | 20.3                        |     | 3                            |
| 092 SOUTH CENTRAL IOWA                                  |      |                     | ** PRIORITY 3 **                  |                                    | AS OF JUNE 09, 1974           |      |                             |     |                              |
| IOWA  | 73   | 1,953               | 274                               | 18                                 | 28                            | 26   | 15.9                        |     |                              |
| 094 METROPOLITAN KANSAS CITY (KAN-MC)                   |      |                     | ** PRIORITY 1 **                  |                                    | AS OF JUNE 09, 1974           |      |                             |     |                              |
| KANSAS  | 73   | 7,402               | 1                                 | 11                                 | 43                            | 40   | 16.9                        |     | 2                            |
| KANSAS  | 73   | 4,068               |                                   | 4                                  | 12                            | 11   | 3.0                         |     |                              |
| MISSOURI  | 73   | 3,454               |                                   | 6                                  | 18                            | 15   | 7.5                         |     |                              |
| MISSOURI  | 73   | 4,206               |                                   | 8                                  | 13                            | 13   | 8.3                         |     |                              |
| MISSOURI  | 73   | 4,308               |                                   | 7                                  | 21                            | 17   | 9.8                         |     |                              |
| 095 NORTHEAST KANSAS                                    |      |                     | ** PRIORITY 3 **                  |                                    | AS OF JUNE 09, 1974           |      |                             |     |                              |
| KANSAS  | 73   | 7,484               | 14                                | 10                                 | 30                            | 28   | 16.2                        |     | 2                            |
| 096 NORTH CENTRAL KANSAS                                |      |                     | ** PRIORITY 3 **                  |                                    | AS OF JUNE 09, 1974           |      |                             |     |                              |
| KANSAS  | 73   | 5,151               |                                   | 8                                  | 28                            | 19   | 9.1                         |     |                              |
| 097 NORTHWEST KANSAS                                    |      |                     | ** PRIORITY 3 **                  |                                    | AS OF JUNE 09, 1974           |      |                             |     |                              |
| KANSAS  | 73   | 2,277               |                                   | 5                                  | 15                            | 14   | 6.4                         |     |                              |
| 099 SOUTH CENTRAL KANSAS                                |      |                     | ** PRIORITY 3 **                  |                                    | AS OF JUNE 09, 1974           |      |                             |     |                              |
| KANSAS  | 73   | 7,862               | 1                                 | 11                                 | 44                            | 33   | 18.2                        |     | 2                            |
| KANSAS  | 73   | 8,300               | 1                                 | 12                                 | 42                            | 35   | 17.9                        |     | 2                            |
| 103 HUNTINGTON-ASHLAND-PORTSMOUTH-IRONGTON (KY-OH-Mo-V) |      |                     | ** PRIORITY 3 **                  |                                    | AS OF JUNE 09, 1974           |      |                             |     |                              |
| KENTUCKY  | 73   | 5,885               | 71                                | 11                                 | 17                            | 17   | 15.3                        |     |                              |

Table C-1 (continued). CARBON MONOXIDE DATA

METHOD: NONDISPERSIVE INFRARED (NDIR) CONTINUOUS; HOURLY VALUES - 4210111

| AIR QUALITY CONTRAJL REGION                             | YEAR 19--- | NO. OF VALID VALUES | NO. OF VALUES EXCEEDING STANDARDS | 99TH PCTL OF 1-HR VALUES, MG/CU.M. | HIGHEST 1-HR VALUES, MG/CU.M. |      | HIGHEST 8-HR AVGS, MG/CU.M. |     | ANNUAL ARITH. MEAN, MG/CU.M. |
|---|------------|---------------------|-----------------------------------|------------------------------------|-------------------------------|------|-----------------------------|-----|------------------------------|
|   |            |                     |                                   |                                    | 1-HR                          | 8-HR | 1ST                         | 2ND |                              |
| 113 CUMBERLAND-KEYSER (MD-W. VA.)                       |            | ** PRIORITY 3 **    |                                   |                                    | AS OF JUNE 09, 1974           |      |                             |     |                              |
| MAKYLAND  | 73         | 4,959               | 63                                | 11                                 | 24                            | 24   | 20.7                        |     |                              |
| 115 METROPOLITAN BALTIMORE (MD)                         |            | ** PRIORITY 1 **    |                                   |                                    | AS OF JUNE 09, 1974           |      |                             |     |                              |
| MARYLAND  | 73         | 4,483               | 7                                 | 5                                  | 21                            | 18   | 11.2                        |     |                              |
| MARYLAND  | 73         | 4,690               | 417                               | 16                                 | 24                            | 23   | 19.3                        |     |                              |
| MARYLAND  | 73         | 3,069               | 298                               | 13                                 | 20                            | 18   | 16.1                        |     |                              |
| MARYLAND  | 73         | 4,766               | 2,398                             | 17                                 | 32                            | 24   | 18.8                        |     |                              |
| MARYLAND  | 73         | 5,081               | 35                                | 10                                 | 24                            | 22   | 16.0                        |     |                              |
| MARYLAND  | 73         | 4,719               | 30                                | 10                                 | 29                            | 23   | 20.6                        |     |                              |
| MARYLAND  | 73         | 4,090               | 15                                | 10                                 | 18                            | 16   | 12.9                        |     |                              |
| MARYLAND  | 73         | 4,048               |                                   | 6                                  | 14                            | 13   | 9.1                         |     |                              |
| 120 METROPOLITAN PROVIDENCE (MASS-R.I.)                 |            | ** PRIORITY 1 **    |                                   |                                    | AS OF JUNE 09, 1974           |      |                             |     |                              |
| RHODE ISLAND  | 73         | 4,126               |                                   | 6                                  | 20                            | 14   | 9.1                         |     |                              |
| RHODE ISLAND  | 73         | 6,107               | 55                                | 11                                 | 21                            | 21   | 15.6                        |     |                              |
| RHODE ISLAND  | 73         | 1,703               | 26                                | 12                                 | 18                            | 16   | 12.1                        |     |                              |
| 121 MEKKIMACK VALLEY-SOUTHERN NEW HAMPSHIRE (MASS-N.H.) |            | ** PRIORITY 3 **    |                                   |                                    | AS OF JUNE 09, 1974           |      |                             |     |                              |
| NEW HAMPSHIRE   | 73         | 5,975               | 13                                | 8                                  | 29                            | 19   | 14.4                        |     |                              |
| 122 CENTRAL MICHIGAN                                    |            | ** PRIORITY 3 **    |                                   |                                    | AS OF JUNE 08, 1974           |      |                             |     |                              |
| MICHIGAN  | 73         | 7,654               | *****                             | 5                                  | 15                            | 12   | *****                       | 1   |                              |
| MICHIGAN  | 73         | 7,732               | *****                             | 15                                 | 35                            | 32   | *****                       | 2   |                              |
| 123 METROPOLITAN DETROIT-PURT HURON (MICH)              |            | ** PRIORITY 3 **    |                                   |                                    | AS OF JUNE 07, 1974           |      |                             |     |                              |
| MICHIGAN  | 73         | 5,641               | *****                             | 9                                  | 21                            | 21   | *****                       |     | 4                            |
| MICHIGAN  | 73         | 5,233               | *****                             | 7                                  | 20                            | 20   | *****                       |     |                              |
| MICHIGAN  | 73         | 5,677               | *****                             | 8                                  | 20                            | 17   | *****                       |     |                              |
| MICHIGAN  | 73         | 5,769               | *****                             | 6                                  | 15                            | 15   | *****                       |     |                              |
| MICHIGAN  | 73         | 7,023               | *****                             | 8                                  | 16                            | 15   | *****                       |     |                              |
| 131 MINNEAPULIS-ST. PAUL (MINN)                         |            | ** PRIORITY 1 **    |                                   |                                    | AS OF JUNE 09, 1974           |      |                             |     |                              |
| MINNESOTA   | 73         | 8,376               | 42                                | 11                                 | 20                            | 20   | 13.1                        | 4   |                              |
| MINNESOTA   | 73         | 7,278               |                                   | 7                                  | 15                            | 13   | 8.2                         | 2   |                              |
| MINNESOTA   | 73         | 8,449               | 3                                 | 9                                  | 16                            | 16   | 13.6                        | 3   |                              |
| MINNESOTA   | 73         | 4,920               | 5                                 | 11                                 | 21                            | 20   | 11.5                        |     |                              |
| 148 NORTHWEST NEVADA                                    |            | ** PRIORITY 3 **    |                                   |                                    | AS OF JUNE 09, 1974           |      |                             |     |                              |
| NEVADA  | 73         | 8,244               | 260                               | 14                                 | 29                            | 28   | 21.0                        | 4   |                              |

**Table C-1 (continued). CARBON MONOXIDE DATA**

METHOD: MONDISPENSIVE INFRARED (NDIR) CONTINUOUS, HOURLY VALUES - 4210111

| AIR QUALITY CONTROL REGION                             | YEAR | NO. OF VALID VALUES | NO. OF VALUES EXCEEDING STANDARDS 1-HR | 99TH PCTL OF 1-HR VALUES, MG/CU.M. | HIGHEST 1-HR VALUES, MG/CU.M. |     | HIGHEST 8-HR AVG 8-HR AVG, MG/CU.M. | ANNUAL ARITH. MEAN, MG/CU.M. |
|--|------|---------------------|--|------------------------------------|-------------------------------|-----|-------------------------------------|------------------------------|
|  |      |                     |  |                                    | 1ST                           | 2ND |                                     |                              |
| 150 NEW JERSEY (REMAINDER)                             |      |                     | ** PRIORITY 1 **                       | AS OF JUNE 09, 1974                |                               |     |                                     |                              |
| NEW JERSEY 31 0100002 F01 ATLANTIC CITY                | 73   | 3,503               |  | 13                                 | 24                            | 20  | 15.2                                |                              |
| NEW JERSEY 31 5300001 F01 TOMS RIVER                   | 73   | 3,142               |  | 17                                 | 35                            | 31  | 27.9                                | 5                            |
| 151 NORTHEAST PENNSYLVANIA-UPPER DEL. VAL. (PENN-N.J.) |      |                     | ** PRIORITY 3 **                       |                                    | AS OF JUNE 09, 1974           |     |                                     |                              |
| NEW JERSEY 31 4240002 F01 PHILLIPSBURG                 | 73   | 7,918               | 15                                     | 8                                  | 20                            | 18  | 12.2                                | 2                            |
| 152 ALBUQUERQUE-MID RIO GRANDE (N. MEX)                |      |                     | ** PRIORITY 3 **                       |                                    | AS OF JUNE 09, 1974           |     |                                     |                              |
| NEW MEXICO 32 0040002 H01 ALBUQUERQUE                  | 73   | 7,072               | 84                                     | 12                                 | 25                            | 25  | 14.3                                | 5                            |
| 153 EL PASO-LAS CRUCES-ALAMAGORDO (N. MEX-TEX)         |      |                     | ** PRIORITY 1 **                       |                                    | AS OF JUNE 09, 1974           |     |                                     |                              |
| NEW MEXICO 32 0540005 F01 LAS CRUCES                   | 73   | 3,310               | 110                                    | 17                                 | 26                            | 25  | 18.6                                |                              |
| 158 CENTRAL NEW YORK                                   |      |                     | ** PRIORITY 1 **                       |                                    | AS OF JUNE 09, 1974           |     |                                     |                              |
| NEW YORK 33 6620005 F01 SYRACUSE                       | 73   | 5,691               | 27                                     | 8                                  | 23                            | 23  | 16.9                                |                              |
| NEW YORK 33 6620011 F01 SYRACUSE                       | 73   | 5,801               | 6                                      | 6                                  | 19                            | 18  | 10.9                                |                              |
| NEW YORK 33 6830004 F01 UTICA                          | 73   | 5,375               |  | 7                                  | 19                            | 9   | 8.1                                 |                              |
| 160 GENESEE-FINGER LAKES (N.Y.)                        |      |                     | ** PRIORITY 3 **                       |                                    | AS OF JUNE 09, 1974           |     |                                     |                              |
| NEW YORK 33 5760004 F01 ROCHESTER (C)                  | 73   | 5,774               | 4                                      | 7                                  | 17                            | 16  | 11.1                                |                              |
| NEW YORK 33 5760009 F01 ROCHESTER                      | 73   | 3,833               |  | 2                                  | 9                             | 8   | 4.7                                 |                              |
| 161 HUDSON VALLEY (N.Y.)                               |      |                     | ** PRIORITY 3 **                       |                                    | AS OF JUNE 09, 1974           |     |                                     |                              |
| NEW YORK 33 3500002 F01 KINGSTON                       | 73   | 5,942               |  | 5                                  | 17                            | 15  | 9.2                                 |                              |
| NEW YORK 33 5680001 F01 RENSSELAER                     | 73   | 5,865               |  | 6                                  | 13                            | 12  | 8.9                                 |                              |
| NEW YORK 33 6020003 F01 SCHENECTADY                    | 73   | 5,335               | 41                                     | 10                                 | 29                            | 24  | 15.8                                |                              |
| 162 NIAGARA FRONTIER (N.Y.)                            |      |                     | ** PRIORITY 3 **                       |                                    | AS OF JUNE 09, 1974           |     |                                     |                              |
| NEW YORK 33 0660005 F01 BUFFALO                        | 73   | 5,226               | 14                                     | 8                                  | 18                            | 18  | 13.2                                |                              |
| NEW YORK 33 4740006 F01 NIAGARA FALLS                  | 73   | 5,826               | 25                                     | 8                                  | 24                            | 18  | 12.8                                |                              |
| 167 METROPOLITAN CHARLOTTE (N.C.-S.C.)                 |      |                     | ** PRIORITY 3 **                       |                                    | AS OF JUNE 09, 1974           |     |                                     |                              |
| NORTH CAROLINA 34 0700081 G01 CHARLOTTE                | 73   | 3,685               | 310                                    | 20                                 | 30                            | 30  | 18.3                                |                              |
| SOUTH CAROLINA 42 1920004 F01 ROCK HILL                | 73   | 3,756               |  | 7                                  | 14                            | 11  | 8.7                                 |                              |
| 173 DAYTON (OHIO)                                      |      |                     | ** PRIORITY 3 **                       |                                    | AS OF JUNE 09, 1974           |     |                                     |                              |
| OHIO 36 1660018 G01 DAYTON                             | 73   | 3,248               | 33                                     | 13                                 | 31                            | 29  | 20.7                                |                              |

Table C-1 (continued) . CARBON MONOXIDE DATA

METHOD: NONDISPERSIVE INFRARED (NDIR) CONTINUOUS, HOURLY VALUES - 4210111

| AIR QUALITY CONTROL REGION                | YEAR 19-- | 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. |     | HIGHEST 8-HR AVGS, MG/CU.M. |     | ANNUAL ARITH. MEAN, MG/CU.M. |
|---|-----------|---|------------------------------------|-------------------------------|-----|-----------------------------|-----|------------------------------|
|   |           |   |                                    | 1ST                           | 2ND | 1ST                         | 2ND |                              |
| 174 GREATER METROPOLITAN CLEVELAND (OHIO) |           | ** PRIORITY 3 **                            |                                    | AS OF JUNE 09, 1974           |     |                             |     |                              |
| OHIO                                      | 73        | 48  | 17                                 | 28                            | 27  | 22.6                        |     |                              |
| 176 METROPOLITAN COLUMBUS (OHIO)          |           | ** PRIORITY 3 **                            |                                    | AS OF JUNE 09, 1974           |     |                             |     |                              |
| OHIO                                      | 73        | 2,087                                       |                                    |                               |     |                             |     |                              |
| 184 CENTRAL OKLAHOMA                      |           | ** PRIORITY 3 **                            |                                    | AS OF JUNE 09, 1974           |     |                             |     |                              |
| OKLAHOMA                                  | 73        | 104   | 14                                 | 49                            | 43  | 24.4                        |     |                              |
| OKLAHOMA                                  | 73        | 5,727                                       | 8                                  | 30                            | 22  | 9.0                         |     |                              |
| OKLAHOMA                                  | 73        | 4,273                                       | 8                                  | 14                            | 14  | 8.7                         |     |                              |
| 186 NORTHEASTERN OKLAHOMA                 |           | ** PRIORITY 3 **                            |                                    | AS OF JUNE 09, 1974           |     |                             |     |                              |
| OKLAHOMA                                  | 73        | 4,176                                       | 9                                  | 33                            | 32  | 13.4                        |     |                              |
| 193 PORTLAND (ORE-WASH)                   |           | ** PRIORITY 1 **                            |                                    | AS OF JUNE 09, 1974           |     |                             |     |                              |
| OREGON                                    | 73        | 2,032                                       | 11                                 | 17                            | 15  | 10.7                        |     |                              |
| OREGON                                    | 73        | 3,478                                       | 6                                  | 12                            | 11  | 7.9                         |     |                              |
| OREGON                                    | 73        | 6,455                                       | 19                                 | 39                            | 38  | 22.5                        |     |                              |
| OREGON                                    | 73        | 7,875                                       | 22                                 | 34                            | 34  | 29.5                        |     |                              |
| OREGON                                    | 73        | 2,129                                       | 23                                 | 32                            | 30  | 21.9                        |     |                              |
| WASHINGTON                                | 73        | 6,278                                       | 6                                  | 16                            | 16  | 9.3                         |     |                              |
| 197 SOUTHWEST PENNSYLVANIA                |           | ** PRIORITY 1 **                            |                                    | AS OF JUNE 09, 1974           |     |                             |     |                              |
| PENNSYLVANIA                              | 73        | 6,063                                       | 24                                 | 49                            | 44  | 25.3                        |     |                              |
| 223 HAMPTON ROADS (VA)                    |           | ** PRIORITY 3 **                            |                                    | AS OF JUNE 09, 1974           |     |                             |     |                              |
| VIRGINIA                                  | 73        | 1,821                                       | 5                                  | 13                            | 9   | 7.5                         |     |                              |
| VIRGINIA                                  | 73        | 3,885                                       | 12                                 | 18                            | 18  | 14.2                        |     |                              |
| VIRGINIA                                  | 73        | 6,055                                       | 8                                  | 18                            | 17  | 9.8                         |     |                              |
| 225 STATE CAPITAL (VA)                    |           | ** PRIORITY 3 **                            |                                    | AS OF JUNE 09, 1974           |     |                             |     |                              |
| VIRGINIA                                  | 73        | 4,487                                       | 11                                 | 51                            | 28  | 14.8                        |     |                              |
| 229 PUGET SOUND (WASH)                    |           | ** PRIORITY 1 **                            |                                    | AS OF JUNE 09, 1974           |     |                             |     |                              |
| WASHINGTON                                | 73        | 5,385                                       | 8                                  | 18                            | 17  | 7.2                         |     |                              |
| WASHINGTON                                | 73        | 7,903                                       | 22                                 | 43                            | 37  | 27.3                        |     |                              |
| WASHINGTON                                | 73        | 8,186                                       | 10                                 | 24                            | 20  | 14.4                        |     |                              |
| WASHINGTON                                | 73        | 3,528                                       | 28                                 | 41                            | 41  | 25.4                        |     |                              |
| WASHINGTON                                | 73        | 8,037                                       | 10                                 | 17                            | 17  | 13.8                        |     |                              |



**Table C-1 (continued) . CARBON MONOXIDE DATA**

METHOD: NONDISPENSIVE INFRA-RED (NDIR) CONTINUOUS, HOURLY VALUES - 4210111

| AIR QUALITY CONTROL REGION | YEAR                    | NO. OF VALID VALUES | NO. OF VALUES EXCEEDING STANDARDS | 99TH PCTL OF 1-HR VALUES, MG/CU.M. | HIGHEST 1-HR VALUES, MG/CU.M. |     | HIGHEST 8-HR AVGS, MG/CU.M. |     | ANNUAL ARITH. MEAN, MG/CU.M. |
|----------------------------|-------------------------|---------------------|-----------------------------------|------------------------------------|-------------------------------|-----|-----------------------------|-----|------------------------------|
|                            |                         |                     |                                   |                                    | 1ST                           | 2ND | 1ST                         | 2ND |                              |
| 239 SOUTHEASTERN WISCONSIN | 73                      | 2,216               | ** PRIORITY 3 **                  |                                    |                               |     |                             |     |                              |
| WISCONSIN                  | 51 220080 G02 MILWAUKEE |                     |                                   |                                    | 7                             | 14  | 14                          | 14  | 9.5                          |
|                            |                         |                     |                                   |                                    | AS OF JUNE 09, 1974           |     |                             |     |                              |



## D. OXIDANT/OZONE

Table D-1 presents results obtained from five different methods, only one of which - chemiluminescence, No. 44201 11 - is the reference method. The remaining methods are candidates for equivalency to the reference method.

Stations are listed by AQCR. Stations in interstate AQCR's are sorted according to their respective states. On the line with each AQCR's number and name is its priority classification for photochemical oxidants.

The body of the table contains a line for each reporting station, starting with the state name, the station code, the station name, and the year - 1973. The next two columns list the number of valid 1-hour values reported and the number exceeding the 1-hour standard ( $160 \mu\text{g}/\text{m}^3$ ). The next two columns list the first and second highest 1-hour values, giving a measure of the degree to which the standard has been exceeded or the margin by which it has been met. The next column, 99th percentile, gives an additional measure of the upper range of concentrations.

The final column identifies the instrument method used at each station by code numbers, which are elaborated in the table heading.



Table D-1. OXIDANT AND OZONE DATA

METHODS: MAST MODEL-4410113, COLORIMETRIC-4410114, COULOMETRIC-4410115, CHEMILUMINESCENCE-4420111, COULOMETRIC-4420113

| AIR QUALITY CONTROL REGION                                  | YEAR NO. OF VALID 19-- VALUES     | NO. OF VALUES EXCEEDING 1-HR STD | HIGHEST 1-HR VALUE 1ST | HIGHEST 2ND UG/CU.M. | PERCENTILE VALUE UG/CU.M. | 99TH VALUE UG/CU.M. | METHOD  |
|---|-----------------------------------|----------------------------------|------------------------|----------------------|---------------------------|---------------------|---------|
|   |                                   |                                  |                        |                      |                           |                     |         |
| <b>004 METROPOLITAN BIRMINGHAM (ALA)</b>                    |                                   |                                  |                        |                      |                           |                     |         |
| ALABAMA   | 01 0380012 G01 BIRMINGHAM         | 73 6,630                         | 92                     | 652                  | 435                       | 166                 | 4420111 |
| <b>005 MOBILE-PENSACOLA-PANAMA CITY-S.MISS. (ALA-FLA-M)</b> |                                   |                                  |                        |                      |                           |                     |         |
| ALABAMA   | 01 2400019 F01 MOBILE COUNTY      | 73 5,857                         | 92                     | 1,763                | 1,665                     | 235                 | 4420111 |
| <b>013 CLARK-MOHAVE (ARIZ-NEV)</b>                          |                                   |                                  |                        |                      |                           |                     |         |
| NEVADA  | 29 0320009 G01 LAS VEGAS          | 73 7,711                         | 799                    | 504                  | 438                       | 246                 | 4410114 |
| <b>015 PHOENIX-TUCSON (ARIZ)</b>                            |                                   |                                  |                        |                      |                           |                     |         |
| ARIZONA   | 03 0600002 G01 PHOENIX            | 73 7,922                         | 80                     | 450                  | 372                       | 176                 | 4410114 |
| ARIZONA   | 03 0860011 G01 TUCSON             | 73 4,323                         | 83                     | 352                  | 293                       | 176                 | 4410114 |
| <b>024 METROPOLITAN LOS ANGELES (CALIF)</b>                 |                                   |                                  |                        |                      |                           |                     |         |
| CALIFORNIA  | 05 0230001 I01 ANAHEIM            | 73 8,173                         | 299                    | 627                  | 587                       | 274                 | 4410114 |
| CALIFORNIA  | 05 0500002 I01 AZUSA              | 73 8,162                         | 1,008                  | 901                  | 823                       | 470                 | 4410114 |
| CALIFORNIA  | 05 0900002 I01 BURBANK            | 73 4,174                         | 406                    | 568                  | 509                       | 313                 | 4410114 |
| CALIFORNIA  | 05 1030001 I01 CAMARILLO          | 73 7,888                         | 781                    | 627                  | 587                       | 293                 | 4410114 |
| CALIFORNIA  | 05 1740001 I01 COSTA MESA         | 73 3,996                         | 223                    | 470                  | 450                       | 293                 | 4410114 |
| CALIFORNIA  | 05 2390001 I01 EL TORO            | 73 4,057                         | 98                     | 470                  | 431                       | 215                 | 4410114 |
| CALIFORNIA  | 05 3420001 I01 INDI O             | 73 8,508                         | 1,149                  | 431                  | 411                       | 293                 | 4410114 |
| CALIFORNIA  | 05 3620001 I01 LA HABRA           | 73 8,144                         | 528                    | 744                  | 666                       | 372                 | 4410114 |
| CALIFORNIA  | 05 3740001 I01 LANCASTER          | 73 8,047                         | 1,099                  | 411                  | 391                       | 274                 | 4410114 |
| CALIFORNIA  | 05 3900001 I01 LEMMOX             | 73 8,316                         | 44                     | 470                  | 431                       | 137                 | 4410114 |
| CALIFORNIA  | 05 4100002 I01 LONG BEACH         | 73 8,201                         | 31                     | 391                  | 391                       | 137                 | 4410114 |
| CALIFORNIA  | 05 4180001 I01 LOS ANGELES        | 73 8,357                         | 472                    | 999                  | 999                       | 293                 | 4410114 |
| CALIFORNIA  | 05 4180002 I01 LOS ANGELES        | 73 8,222                         | 275                    | 764                  | 725                       | 215                 | 4410114 |
| CALIFORNIA  | 05 4180002 I01 LOS ANGELES COUNTY | 73 8,350                         | 844                    | 548                  | 509                       | 352                 | 4410114 |
| CALIFORNIA  | 05 4200001 I01 LOS ANGELES COUNTY | 73 1,815                         | 28                     | 431                  | 333                       | 195                 | 4410114 |
| CALIFORNIA  | 05 5120001 I01 NEWHALL            | 73 8,273                         | 1,036                  | 705                  | 646                       | 450                 | 4410114 |
| CALIFORNIA  | 05 5160001 I01 NORCO              | 73 4,292                         | 578                    | 666                  | 627                       | 391                 | 4410114 |
| CALIFORNIA  | 05 5340001 I01 OJAI               | 73 3,677                         | 245                    | 431                  | 411                       | 293                 | 4410114 |
| CALIFORNIA  | 05 5640001 I01 PALM SPRINGS       | 73 7,030                         | 1,209                  | 607                  | 548                       | 372                 | 4410114 |
| CALIFORNIA  | 05 5760004 I01 PASADENA           | 73 4,171                         | 676                    | 881                  | 823                       | 470                 | 4410114 |
| CALIFORNIA  | 05 6040001 I01 POMONA             | 73 4,170                         | 528                    | 627                  | 627                       | 431                 | 4410114 |
| CALIFORNIA  | 05 6400003 F01 RIVERSIDE          | 73 3,770                         | 769                    | 764                  | 744                       | 529                 | 4410114 |
| CALIFORNIA  | 05 6535001 I01 RUBIDOUX           | 73 4,352                         | 764                    | 725                  | 725                       | 509                 | 4410114 |
| CALIFORNIA  | 05 7200004 F01 SANTA BARBARA      | 73 7,656                         | 314                    | 470                  | 450                       | 215                 | 4410114 |
| CALIFORNIA  | 05 7200005 F01 SANTA BARBARA      | 73 3,777                         | 262                    | 372                  | 372                       | 254                 | 4410114 |
| CALIFORNIA  | 05 7340001 F01 SANTA MARIA        | 73 7,861                         | 26                     | 254                  | 254                       | 137                 | 4410114 |
| CALIFORNIA  | 05 8510001 I01 VICTORVILLE        | 73 7,665                         | 488                    | 470                  | 411                       | 254                 | 4410114 |
| CALIFORNIA  | 05 8720001 I01 WHITTIER           | 73 8,277                         | 300                    | 548                  | 529                       | 274                 | 4410114 |

Table D-1 (continued). OXIDANT AND OZONE DATA

METHODS: MAST MODEL-4410113, COLORIMETRIC-4410114, COULOMETRIC-4410115, CHEMILUMINESCENCE-4420111, COULOMETRIC-4420113

| AIR QUALITY CONTROL REGION                | YEAR NO. OF VALID 19-- VALUES    | NO. OF VALUES EXCEEDING 1-HR STD | HIGHEST 1-HR VALUES UG/CU.M. |     | 99TH PERCENTILE VALUF UG/CU.M. | METHOD  |
|---|----------------------------------|----------------------------------|------------------------------|-----|--------------------------------|---------|
|   |                                  |                                  | 1ST                          | 2ND |                                |         |
| <b>025 NORTH CENTRAL COAST (CALIF)</b>    |                                  |                                  |                              |     |                                |         |
| ** PRIORITY 1 **                          |                                  |                                  |                              |     |                                |         |
| AS OF JUNE 09, 1974                       |                                  |                                  |                              |     |                                |         |
| CALIFORNIA                                | 05 4840001 I01 MONTEREY COUNTY   | 64                               | 73 7,801                     | 274 | 156                            | 4410114 |
| CALIFORNIA                                | 05 4860001 I01 MONTEREY COUNTY   | 70                               | 73 7,342                     | 293 | 156                            | 4410114 |
| CALIFORNIA                                | 05 6620001 I01 SALINAS           | 61                               | 73 7,895                     | 254 | 156                            | 4410114 |
| CALIFORNIA                                | 05 7300001 I01 SANTA CRUZ COUNTY | 38                               | 73 8,282                     | 295 | 156                            | 4410114 |
| <b>026 NORTH COAST (CALIF)</b>            |                                  |                                  |                              |     |                                |         |
| ** PRIORITY 3 **                          |                                  |                                  |                              |     |                                |         |
| AS OF JUNE 09, 1974                       |                                  |                                  |                              |     |                                |         |
| CALIFORNIA                                | 05 2480002 F01 EUREKA            |                                  | 73 7,300                     | 137 | 97                             | 4410114 |
| <b>028 SACRAMENTO VALLEY (CALIF)</b>      |                                  |                                  |                              |     |                                |         |
| ** PRIORITY 1 **                          |                                  |                                  |                              |     |                                |         |
| AS OF JUNE 09, 1974                       |                                  |                                  |                              |     |                                |         |
| CALIFORNIA                                | 05 1260001 F01 CHICO             | 521                              | 73 7,871                     | 274 | 215                            | 4410114 |
| CALIFORNIA                                | 05 6180002 F01 REDDING           | 431                              | 73 7,941                     | 274 | 215                            | 4410114 |
| CALIFORNIA                                | 05 6580003 F01 SACRAMENTO        | 355                              | 73 7,907                     | 391 | 235                            | 4410114 |
| CALIFORNIA                                | 05 6600001 I01 SACRAMENTO COUNTY | 317                              | 73 6,245                     | 470 | 254                            | 4410114 |
| CALIFORNIA                                | 05 8900001 F01 YUBA CITY         | 574                              | 73 7,894                     | 293 | 235                            | 4410114 |
| <b>029 SAN DIEGO (CALIF)</b>              |                                  |                                  |                              |     |                                |         |
| ** PRIORITY 1 **                          |                                  |                                  |                              |     |                                |         |
| AS OF JUNE 09, 1974                       |                                  |                                  |                              |     |                                |         |
| CALIFORNIA                                | 05 1360001 I01 CHULA VISTA       | 355                              | 73 7,841                     | 548 | 235                            | 4410114 |
| CALIFORNIA                                | 05 2220001 I01 EL CAJON          | 312                              | 73 7,674                     | 470 | 215                            | 4410114 |
| CALIFORNIA                                | 05 2460001 I01 ESCOMIDDO         | 296                              | 73 7,990                     | 627 | 254                            | 4410114 |
| CALIFORNIA                                | 05 5320003 I01 OCEANSIDE         | 122                              | 73 3,913                     | 470 | 235                            | 4410114 |
| CALIFORNIA                                | 05 6800004 I01 SAN DIEGO         | 86                               | 73 4,133                     | 470 | 195                            | 4410114 |
| CALIFORNIA                                | 05 6800005 I01 SAN DIEGO         | 446                              | 73 8,153                     | 568 | 254                            | 4410114 |
| <b>030 SAN FRANCISCO BAY AREA (CALIF)</b> |                                  |                                  |                              |     |                                |         |
| ** PRIORITY 1 **                          |                                  |                                  |                              |     |                                |         |
| AS OF JUNE 09, 1974                       |                                  |                                  |                              |     |                                |         |
| CALIFORNIA                                | 05 0920002 I01 BURLINGAME        | 17                               | 73 3,804                     | 313 | 137                            | 4410115 |
| CALIFORNIA                                | 05 1600001 I01 CONCORD           | 104                              | 73 4,290                     | 333 | 195                            | 4410115 |
| CALIFORNIA                                | 05 2540002 I01 FAIRFIELD         | 53                               | 73 3,852                     | 293 | 176                            | 4410115 |
| CALIFORNIA                                | 05 2780001 I01 FREMONT           | 105                              | 73 8,725                     | 372 | 176                            | 4410115 |
| CALIFORNIA                                | 05 3140001 I01 HAYWARD           | 33                               | 73 2,789                     | 293 | 176                            | 4410115 |
| CALIFORNIA                                | 05 4020002 I01 LIVERMORE         | 305                              | 73 8,493                     | 431 | 254                            | 4410115 |
| CALIFORNIA                                | 05 4240001 I01 LOS GATOS         | 68                               | 73 4,292                     | 313 | 195                            | 4410115 |
| CALIFORNIA                                | 05 4960001 I01 MOUNTAIN VIEW     | 34                               | 73 4,282                     | 313 | 156                            | 4410115 |
| CALIFORNIA                                | 05 5000003 I01 NAPA              | 27                               | 73 4,379                     | 293 | 156                            | 4410115 |
| CALIFORNIA                                | 05 5300004 F01 OAKLAND           | 32                               | 73 8,184                     | 372 | 117                            | 4410115 |
| CALIFORNIA                                | 05 5800002 I01 PETALUMA          | 27                               | 73 4,200                     | 254 | 137                            | 4410115 |
| CALIFORNIA                                | 05 5880001 I01 PITTSBURG         | 15                               | 73 8,521                     | 235 | 137                            | 4410115 |
| CALIFORNIA                                | 05 5980001 I01 PLEASANT HILL     | 40                               | 73 4,233                     | 313 | 156                            | 4410115 |
| CALIFORNIA                                | 05 6240001 I01 REDWOOD CITY      | 36                               | 73 8,711                     | 391 | 117                            | 4410115 |
| CALIFORNIA                                | 05 6300003 I01 RICHMOND          | 3                                | 73 4,404                     | 195 | 117                            | 4410115 |
| CALIFORNIA                                | 05 6860003 I01 SAN FRANCISCO     | 3                                | 73 8,564                     | 235 | 78                             | 4410115 |
| CALIFORNIA                                | 05 6980004 I01 SAN JOSE          | 87                               | 73 4,415                     | 352 | 195                            | 4410114 |

Table D-1 (continued). OXIDANT AND OZONE DATA

METHODS: MAST MODEL-4410113, COLORIMETRIC-4410114, COULOMETRIC-4410115, CHEMILUMINESCENCE-4420111, COULOMETRIC-4420113

| AIR QUALITY CONTROL REGION                     | YEAR NO. OF VALID VALUES       | NO. OF EXCEEDING 1-HR STD | HIGHEST 1-HR VALUES UG/CU-M. |       | 99TH PERCENTILE VALUE UG/CU-M. | METHOD  |
|--|--------------------------------|---------------------------|------------------------------|-------|--------------------------------|---------|
|  |                                |                           | 1ST                          | 2ND   |                                |         |
| 030 SAN FRANCISCO BAY AREA (CALIF) (CONTINUED) |                                |                           |                              |       |                                |         |
| CALIFORNIA                                     | 05 7000001 I01 SAN LEANDRO     | 73 8,154                  | 93                           | 548   | 509                            | 4410115 |
| CALIFORNIA                                     | 05 7160001 I01 SAN RAFAEL      | 73 8,567                  | 10                           | 235   | 195                            | 4410115 |
| CALIFORNIA                                     | 05 7400002 I01 SANTA ROSA      | 73 4,408                  | 18                           | 235   | 215                            | 4410115 |
| CALIFORNIA                                     | 05 8080001 I01 SUNNYVALE       | 73 2,813                  | 63                           | 372   | 352                            | 4410115 |
| CALIFORNIA                                     | 05 8480003 I01 VALLEJO         | 73 4,409                  | 9                            | 274   | 274                            | 4410115 |
| 031 SAN JOAQUIN VALLEY (CALIF)                 |                                |                           |                              |       |                                |         |
| CALIFORNIA                                     | 05 0520003 F01 BAKERSFIELD     | 73 7,740                  | 734                          | 333   | 313                            | 4410114 |
| CALIFORNIA                                     | 05 2800003 F01 FRESNO          | 73 7,879                  | 387                          | 352   | 352                            | 4410114 |
| CALIFORNIA                                     | 05 2820001 I01 FRESNO COUNTY   | 73 5,849                  | 445                          | 313   | 293                            | 4410114 |
| CALIFORNIA                                     | 05 2820002 I01 FRESNO COUNTY   | 73 6,132                  | 316                          | 274   | 274                            | 4410114 |
| CALIFORNIA                                     | 05 4720001 F01 MODESTO         | 73 7,870                  | 305                          | 352   | 333                            | 4410114 |
| CALIFORNIA                                     | 05 8040002 F01 STOCKTON        | 73 7,252                  | 338                          | 509   | 509                            | 4410114 |
| CALIFORNIA                                     | 05 8520001 F01 VISALIA         | 73 7,828                  | 926                          | 372   | 352                            | 4410114 |
| 032 SOUTH CENTRAL COAST (CALIF)                |                                |                           |                              |       |                                |         |
| CALIFORNIA                                     | 05 7040001 F01 SAN LUIS OBISPO | 73 7,885                  | 70                           | 215   | 215                            | 4410114 |
| 033 SOUTHEAST DESERT (CALIF)                   |                                |                           |                              |       |                                |         |
| CALIFORNIA                                     | 05 6680001 I01 SAN BERNARDINO  | 73 7,682                  | 1,093                        | 823   | 725                            | 4410114 |
| CALIFORNIA                                     | 05 8440004 F01 UPLAND          | 73 3,986                  | 936                          | 1,234 | 1,156                          | 4410114 |
| 036 METROPOLITAN DENVER (COLOR)                |                                |                           |                              |       |                                |         |
| COLORADO                                       | 06 0120002 F01 ARVADA          | 73 3,329                  | 62                           | 499   | 490                            | 4420111 |
| COLORADO                                       | 06 0580002 A10 DENVER          | 73 4,046                  | 50                           | 548   | 548                            | 4420111 |
| COLORADO                                       | 06 0580010 F01 DENVER          | 73 3,993                  | 57                           | 319   | 303                            | 4420111 |
| COLORADO                                       | 06 0580011 F01 DENVER          | 73 3,503                  | 34                           | 342   | 323                            | 4420111 |
| COLORADO                                       | 06 2210001 F01 WELBY           | 73 3,611                  | 77                           | 391   | 342                            | 4420111 |
| 042 HARTFORD-NEW HAVEN-SPRINGFIELD (CONN-MASS) |                                |                           |                              |       |                                |         |
| CONNECTICUT                                    | 07 0420002 F01 HARTFORD        | 73 2,177                  | 2                            | 431   | 166                            | 4420111 |
| 043 NEW JERSEY-NEW YORK-CONNECTICUT            |                                |                           |                              |       |                                |         |
| CONNECTICUT                                    | 07 0330001 F01 GREENWICH       | 73 4,297                  | 9                            | 293   | 235                            | 4410114 |
| NEW JERSEY                                     | 31 0060001 F01 ASBURY PARK     | 73 4,162                  | 177                          | 450   | 411                            | 4420111 |
| NEW JERSEY                                     | 31 0180003 F01 BAYONNE         | 73 5,614                  | 258                          | 362   | 356                            | 4420111 |
| NEW YORK                                       | 33 3480002 F01 NEWARK          | 73 5,855                  | 145                          | 478   | 456                            | 4420111 |
| NEW YORK                                       | 33 2900005 F01 HEMPSTEAD (IT)  | 73 5,966                  | 49                           | 348   | 342                            | 4420111 |
| NEW YORK                                       | 33 4100002 F01 MAMARONECK      | 73 5,626                  | 102                          | 358   | 309                            | 4420111 |
| NEW YORK                                       | 33 4680014 H01 NEW YORK CITY   | 73 2,209                  | 2                            | 195   | 168                            | 4410113 |

Table D-1 (continued) OXIDANT AND OZONE DATA

METHODS: MAEST MODEL-4410113, COLORIMETRIC-4410114, COULOMETRIC-4410115, CHEMILUMINESCENCE-4420111, COULOMETRIC-4420113

| AIR QUALITY CONTROL REGION                      | YEAR NO. OF VALID 19-- VALUES          | NO. OF VALUES EXCEEDING 1-HR STD | HIGHEST 1-HR VALUES US/CU.M. | 99TH PERCENTILE VALUE US/CU.M. |     | METHOD  |
|---|--|----------------------------------|------------------------------|--------------------------------|-----|---------|
|   |  |                                  |                              | 1ST                            | 2ND |         |
| 043 NEW JERSEY-NEW YORK-CONNECTICUT (CONTINUED) |  |                                  |                              |                                |     |         |
| NEW YORK  | 33 4680050 F01 NEW YORK CITY           | 107                              | 350                          | 346                            | 194 | 4420111 |
| NEW YORK  | 33 4680061 H01 NEW YORK CITY           | 20                               | 235                          | 211                            | 156 | 4410113 |
| 045 METROPOLITAN PHILADELPHIA (DEL-N.-J.-PA)    |  |                                  |                              |                                |     |         |
| NEW JERSEY                                      | 31 0720003 F01 CAMDEN                  | 198                              | 391                          | 376                            | 201 | 4420111 |
| NEW JERSEY                                      | 31 0740001 F01 CAMDEN COUNTY           | 373                              | 356                          | 350                            | 245 | 4420111 |
| PENNSYLVANIA                                    | 39 7140004 H01 PHILADELPHIA            | 1                                | 842                          | 137                            | 67  | 4410114 |
| 047 NATIONAL CAPITAL (D.C.-MD-VA)               |  |                                  |                              |                                |     |         |
| MARYLAND  | 21 0200005 F01 BETHESDA                | 323                              | 803                          | 744                            | 254 | 4420111 |
| MARYLAND  | 21 0780004 G01 GAITHERSBURG            | 46                               | 254                          | 215                            | 156 | 4420111 |
| MARYLAND  | 21 0990003 F01 HYATTSVILLE             | 219                              | 391                          | 391                            | 215 | 4420111 |
| MARYLAND  | 21 1480006 F01 SILVER SPRING           | 38                               | 372                          | 333                            | 156 | 4420111 |
| MARYLAND  | 21 1560001 F01 SUITLAND                | 222                              | 783                          | 725                            | 254 | 4420111 |
| VIRGINIA  | 48 0090009 H01 ALEXANDRIA              | 40                               | 40                           | 40                             | 20  | 4420111 |
| VIRGINIA  | 48 0200008 G02 ARLINGTON COUNTY        | 232                              | 156                          | 156                            | 88  | 4420111 |
| VIRGINIA  | 48 1060014 G01 FAIRFAX COUNTY          | 220                              | 520                          | 344                            | 229 | 4410114 |
| VIRGINIA  | 48 2870004 G01 SEVEN CORNERS           | 4,393                            | *                            | *                              | *   | 4420111 |
| 050 SOUTHEAST FLORIDA                           |  |                                  |                              |                                |     |         |
| FLORIDA   | 10 0960008 P02 DADE COUNTY             | 36                               | 274                          | 270                            | 156 | 4420111 |
| FLORIDA   | 10 2700006 P05 MIAMI                   | 28                               | 284                          | 264                            | 156 | 4420111 |
| FLORIDA   | 10 2700009 P05 MIAMI                   | 15                               | 215                          | 215                            | 137 | 4420111 |
| 051 SOUTHWEST FLORIDA                           |  |                                  |                              |                                |     |         |
| FLORIDA   | 10 2880001 P05 NAPLES                  | 64                               | 235                          | 215                            | 176 | 4420111 |
| 060 HAWAII                                      |  |                                  |                              |                                |     |         |
| HAWAII  | 12 0120001 F01 HONOLULU                | 2                                | 170                          | 166                            | 82  | 4420111 |
| 067 METROPOLITAN CHICAGO (ILL-IND)              |  |                                  |                              |                                |     |         |
| ILLINOIS  | 14 1220002 A10 CHICAGO                 | 6                                | 568                          | 568                            | 117 | 4410114 |
| ILLINOIS  | 14 1220002 A10 CHICAGO                 | 3                                | 509                          | 176                            | 58  | 4420111 |
| 070 METROPOLITAN ST. LOUIS (ILL-MO)             |  |                                  |                              |                                |     |         |
| MISSOURI  | 26 0030001 G01 AFTON                   | 115                              | 507                          | 478                            | 184 | 4410114 |
| MISSOURI  | 26 0200002 G01 BELLEFONTAINE NEIGHBORS | 135                              | 646                          | 646                            | 194 | 4410114 |
| MISSOURI  | 26 1040001 G01 CLAYTON                 | 200                              | 474                          | 423                            | 219 | 4410114 |
| MISSOURI  | 26 4120001 G01 ST ANN                  | 112                              | 693                          | 540                            | 190 | 4410114 |



Table D-1 (continued). OXIDANT AND OZONE DATA

METHODS: MAST MODEL-4410113, COLORIMETRIC-4410114, COULOMETRIC-4410115, CHEMILUMINESCENCE-4420111, COULOMETRIC-4420113

| AIR QUALITY CONTROL REGION                            | 070 METROPOLITAN ST. LOUIS (ILL.-MO) (CONTINUED) | YEAR NO. OF VALID 1-HR VALUES | NO. OF VALUES EXCEEDING 1-HR STD | HIGHEST 1-HR VALUES UG/CU.M. |     | 99TH PERCENTILE VALUE UG/CU.M. | METHOD  |
|---|--|-------------------------------|----------------------------------|------------------------------|-----|--------------------------------|---------|
|   |  |                               |                                  | 1ST                          | 2ND |                                |         |
| MISSOURI  | 26 4280002 A10 ST LOUIS                          | 73 4,194                      | 96                               | 509                          | 352 | 195                            | 4410114 |
| MISSOURI  | 26 4280002 A10 ST LOUIS                          | 73 4,648                      | 5                                | 274                          | 195 | 78                             | 4420111 |
| MISSOURI  | 26 4300006 G01 ST LOUIS COUNTY                   | 73 7,787                      | 58                               | 235                          | 235 | 150                            | 4410114 |
| 078 LOUISVILLE (IND.-KY)                              |  | ** PRIORITY 1 **              |                                  |                              |     | AS OF JUNE 09, 1974            |         |
| KENTUCKY  | 18 2380011 G01 LOUISVILLE                        | 73 7,396                      | 61                               | 372                          | 362 | 156                            | 4420111 |
| KENTUCKY  | 18 2380020 G01 LOUISVILLE                        | 73 2,825                      | 35                               | 333                          | 323 | 166                            | 4420111 |
| 079 METROPOLITAN CINCINNATI (IND.-KY-OHIO)            |  | ** PRIORITY 1 **              |                                  |                              |     | AS OF JUNE 09, 1974            |         |
| KENTUCKY  | 18 3020001 F01 MEMPHIS                           | 73 6,756                      | 251                              | 348                          | 305 | 207                            | 4420111 |
| 080 METROPOLITAN INDIANAPOLIS (IND)                   |  | ** PRIORITY 1 **              |                                  |                              |     | AS OF JUNE 09, 1974            |         |
| INDIANA   | 15 2040021 F01 INDIANAPOLIS                      | 73 4,677                      | 6                                | 241                          | 225 | 117                            | 4420111 |
| 094 METROPOLITAN KANSAS CITY (KAN.-MO)                |  | ** PRIORITY 1 **              |                                  |                              |     | AS OF JUNE 09, 1974            |         |
| KANSAS  | 17 1800011 F01 KANSAS CITY                       | 73 3,847                      | 1                                | 200                          | 150 | 80                             | 4420111 |
| KANSAS  | 17 1980002 F01 LEAVENWORTH                       | 73 1,926                      | 1                                | 250                          | 150 | 125                            | 4420111 |
| MISSOURI  | 26 2380018 H01 KANSAS CITY                       | 73 5,963                      |                                  | 98                           | 94  | 128                            | 4410113 |
| MISSOURI  | 26 2380022 H01 KANSAS CITY                       | 73 3,598                      |                                  |                              |     | 67                             | 4410113 |
| 099 SOUTH CENTRAL KANSAS                              |  | ** PRIORITY 1 **              |                                  |                              |     | AS OF JUNE 09, 1974            |         |
| KANSAS  | 17 3320001 F01 SEDGWICK COUNTY                   | 73 5,177                      |                                  | 130                          | 130 | 90                             | 4420111 |
| KANSAS  | 17 3740010 F01 WICHITA                           | 73 3,603                      | 2                                | 170                          | 170 | 135                            | 4420111 |
| 103 HUNTINGTON-ASHLAND-PORTSMOUTH-IRONTON (KY-OH-W.V) |  | ** PRIORITY 3 **              |                                  |                              |     | AS OF JUNE 09, 1974            |         |
| KENTUCKY  | 18 0080008 F01 ASHLAND                           | 73 3,418                      |                                  | 156                          | 146 | 97                             | 4410114 |
| 106 SOUTHERN LOUISIANA-SOUTH EAST TEXAS (LA.-TEX.-)   |  | ** PRIORITY 1 **              |                                  |                              |     | AS OF JUNE 09, 1974            |         |
| TEXAS   | 45 3830003 F01 NEDERLAND                         | 73 6,303                      | 587                              | 744                          | 636 | 295                            | 4420111 |
| 107 ANDROSCOGGIN VALLEY (ME-N.H.-)                    |  | ** PRIORITY 3 **              |                                  |                              |     | AS OF JUNE 09, 1974            |         |
| NEW HAMPSHIRE   | 30 0040007 F01 BERLIN                            | 73 4,284                      | 64                               | 195                          | 195 | 170                            | 4420111 |
| 115 METROPOLITAN BALTIMORE (MD)                       |  | ** PRIORITY 1 **              |                                  |                              |     | AS OF JUNE 09, 1974            |         |
| MARYLAND  | 21 0120018 F01 BALTIMORE CITY                    | 73 5,350                      | 77                               | 372                          | 352 | 176                            | 4420111 |
| MARYLAND  | 21 0120019 F01 BALTIMORE                         | 73 4,469                      | 64                               | 490                          | 450 | 105                            | 4420111 |
| MARYLAND  | 21 0680001 G01 ESSEX                             | 73 2,318                      | 304                              | 450                          | 391 | 293                            | 4420111 |

Table D-1 (continued). OXIDANT AND OZONE DATA

METHODS: MAST MODEL-4410113, COLORIMETRIC-4410114, COULOMETRIC-4410115, CHEMILUMINESCENCE-4420111, COULOMETRIC-4420113

| AIR QUALITY CONTROL REGION                              | YEAR                         | NO. OF VALID 1-HR VALUES | NO. OF VALUES EXCEEDING 1-HR STD | HIGHEST 1-HR VALUES UG/CU.M. | 99TH PERCENTILE VALUE UG/CU.M. | METH |                     |         |
|---|------------------------------|--------------------------|----------------------------------|------------------------------|--------------------------------|------|---------------------|---------|
|   |                              |                          |                                  |                              |                                |      | AS OF JUNE 09, 1974 |         |
| 121 MERRIMACK VALLEY-SOUTHERN NEW HAMPSHIRE (MASS-N.H.) | ** PRIORITY 3 **             |                          |                                  |                              |                                |      |                     |         |
| NEW HAMPSHIRE   | 30 0480005 F01 NASHUA        | 73                       | 5,853                            | 119                          | 195                            | 194  | 172                 | 4420111 |
| 123 METROPOLITAN DETROIT-PORT HURON (MICH)              | ** PRIORITY 3 **             |                          |                                  |                              |                                |      |                     |         |
| MICHIGAN  | 23 1180020 G01 DETROIT       | 73                       | 8,331                            | 22                           | 210                            | 208  | 143                 | 4420111 |
| 131 MINNEAPOLIS-ST. PAUL (MINN)                         | ** PRIORITY 3 **             |                          |                                  |                              |                                |      |                     |         |
| MINNESOTA   | 24 2260027 F01 MINNEAPOLIS   | 73                       | 4,697                            | 246                          | 186                            | 186  | 176                 | 4420111 |
| MINNESOTA   | 24 3300030 H01 ST PAUL       | 73                       | 3,346                            | 10                           | 186                            | 186  | 127                 | 4420111 |
| 148 NORTHWEST NEVADA                                    | ** PRIORITY 3 **             |                          |                                  |                              |                                |      |                     |         |
| NEVADA  | 29 0480005 I01 RENO          | 73                       | 8,620                            | 1                            | 219                            | 117  | 72                  | 4410113 |
| 152 ALBUQUERQUE-MID RIO GRANDE (N. MEX)                 | ** PRIORITY 1 **             |                          |                                  |                              |                                |      |                     |         |
| NEW MEXICO  | 32 0040002 H01 ALBUQUERQUE   | 73                       | 7,353                            | 70                           | 215                            | 205  | 156                 | 4420111 |
| 158 CENTRAL NEW YORK                                    | ** PRIORITY 1 **             |                          |                                  |                              |                                |      |                     |         |
| NEW YORK  | 33 6620005 F01 SYRACUSE      | 73                       | 5,884                            | 70                           | 245                            | 233  | 162                 | 4420111 |
| NEW YORK  | 33 6620011 F01 SYRACUSE      | 73                       | 3,081                            | 142                          | 258                            | 258  | 213                 | 4420111 |
| NEW YORK  | 33 6880004 F01 UTICA         | 73                       | 5,490                            | 33                           | 350                            | 344  | 152                 | 4420111 |
| 159 CHAMPLAIN VALLEY (N.Y.-VT)                          | ** PRIORITY 3 **             |                          |                                  |                              |                                |      |                     |         |
| NEW YORK  | 33 2480003 F01 GLENS FALLS   | 73                       | 5,643                            | 96                           | 225                            | 223  | 172                 | 4420111 |
| 160 GENESEE-FINGER LAKES (N.Y.)                         | ** PRIORITY 1 **             |                          |                                  |                              |                                |      |                     |         |
| NEW YORK  | 33 5760004 F01 ROCHESTER (C) | 73                       | 5,609                            | 48                           | 237                            | 231  | 158                 | 4420111 |
| 161 HUDSON VALLEY (N.Y.)                                | ** PRIORITY 3 **             |                          |                                  |                              |                                |      |                     |         |
| NEW YORK  | 33 3500002 F01 KINGSTON      | 73                       | 6,030                            | 144                          | 315                            | 313  | 184                 | 4420111 |
| NEW YORK  | 33 5680001 F01 REMSELAEER    | 73                       | 4,996                            | 154                          | 333                            | 321  | 190                 | 4420111 |
| NEW YORK  | 33 6020003 F01 SCHEMECTADY   | 73                       | 5,784                            | 195                          | 374                            | 356  | 199                 | 4420111 |
| 162 NIAGARA FRONTIER (N.Y.)                             | ** PRIORITY 1 **             |                          |                                  |                              |                                |      |                     |         |
| NEW YORK  | 33 0660005 F01 BUFFALO       | 73                       | 5,902                            | 87                           | 233                            | 231  | 170                 | 4420111 |
| NEW YORK  | 33 4740006 F01 NIAGARA FALLS | 73                       | 5,822                            | 238                          | 327                            | 280  | 199                 | 4420111 |

Table D-1 (continued) - OXIDANT AND OZONE DATA

METHODS: MAST MODEL-4410113, COLORIMETRIC-4410114, COULOMETRIC-4410115, CHEMILUMINESCENCE-4420111, COULOMETRIC-4420113

| AIR QUALITY CONTROL REGION                             | YEAR NO. OF VALID 19-- VALUES | NO. OF EXCEEDING 1-HR STD | HIGHEST 1-HP VALUES UG/CU.M. | PERCENTILE VALUE | 99TH PERCENTILE VALUE UG/CU.M. | METHOD | AS OF JUNE 09, 1974 |     |         |
|--|-------------------------------|---------------------------|------------------------------|------------------|--------------------------------|--------|---------------------|-----|---------|
|  |                               |                           |                              |                  |                                |        | 1ST                 | 2ND |         |
| <b>167 METROPOLITAN CHARLOTTE (N.C.-S.C.)</b>          |                               |                           |                              |                  |                                |        |                     |     |         |
| NORTH CAROLINA   | 34 0700018                    | G01                       | CHARLOTTE                    | 73 1,907         | 20                             | 198    | 187                 | 161 | 4420111 |
| NORTH CAROLINA   | 34 0700019                    | G02                       | CHARLOTTE                    | 73 3,935         | 165                            | 299    | 288                 | 215 | 4420111 |
| SOUTH CAROLINA   | 42 1920004                    | F01                       | ROCK HILL                    | 73 5,337         | 77                             | 200    | 299                 | 175 | 4420111 |
| <b>171 WESTERN MOUNTAIN (N.C.)</b>                     |                               |                           |                              |                  |                                |        |                     |     |         |
| NORTH CAROLINA   | 34 0180003                    | I01                       | ASHEVILLE                    | 73 5,373         | 15                             | 220    | 210                 | 140 | 4420111 |
| <b>173 DAYTON (OHIO)</b>                               |                               |                           |                              |                  |                                |        |                     |     |         |
| OHIO   | 36 1660018                    | G01                       | DAYTON                       | 73 3,263         | 3                              | 167    | 162                 | 98  | 4420111 |
| OHIO   | 36 1660019                    | G01                       | DAYTON                       | 73 1,949         |                                | 78     | 78                  | 64  | 4420111 |
| <b>176 GREATER METROPOLITAN CLEVELAND (OHIO)</b>       |                               |                           |                              |                  |                                |        |                     |     |         |
| OHIO   | 36 0060013                    | H01                       | AKRON                        | 73 6,510         | 399                            | 648    | 352                 | 235 | 4410114 |
| OHIO   | 36 1000001                    | H02                       | CANTON                       | 73 2,053         | *****                          | 246    | 235                 | 176 | 4410114 |
| OHIO   | 36 3000033                    | H01                       | CLEVELAND                    | 73 1,855         |                                | 48     | 48                  | 39  | 4420111 |
| OHIO   | 36 1300037                    | H01                       | CLEVELAND                    | 73 1,734         |                                | 48     | 48                  | 48  | 4420111 |
| <b>NORTHWEST PENNSYLVANIA--YOUNGSTOWN (OHIO--PENN)</b> |                               |                           |                              |                  |                                |        |                     |     |         |
| OHIO   | 36 7760007                    | H01                       | YOUNGSTOWN                   | 73 5,008         | 333                            | 376    | 313                 | 219 | 4420111 |
| <b>CENTRAL OKLAHOMA</b>                                |                               |                           |                              |                  |                                |        |                     |     |         |
| OKLAHOMA   | 37 7000023                    | F01                       | OKLAHOMA CITY                | 73 7,203         | 7                              | 440    | 400                 | 120 | 4420111 |
| <b>PORLANCURE--PORTLAND (OREGON)</b>                   |                               |                           |                              |                  |                                |        |                     |     |         |
| OREGON   | 36 1460002                    | F01                       | PORTLAND                     | 73 6,047         | 1                              | 167    | 157                 | 98  | 4410114 |
| OREGON   | 36 1460002                    | F01                       | PORTLAND                     | 73 6,020         |                                | 118    | 117                 | 78  | 4420113 |
| OREGON   | 36 580011                     | F01                       | SALEM                        | 73 2,024         |                                | 41     | 37                  | 9   | 4420111 |
| OREGON   | 36 580011                     | F01                       | SALEM                        | 73 2,142         |                                | 148    | 147                 | 127 | 4420111 |
| <b>COLUMBIA (SOUTH CAROLINA)</b>                       |                               |                           |                              |                  |                                |        |                     |     |         |
| SOUTH CAROLINA   | 42 9000003                    | F01                       | RICHLAND COUNTY              | 73 5,687         |                                | 160    | 155                 | 120 | 4420111 |
| <b>MIDDLE TENNESSEE</b>                                |                               |                           |                              |                  |                                |        |                     |     |         |
| TENNESSEE  | 44 0580002                    | F01                       | COLUMBIA                     | 73 3,286         | 2                              | 176    | 166                 | 137 | 4420111 |
| TENNESSEE  | 44 2540011                    | G01                       | NASHVILLE                    | 73 2,100         | 18                             | 205    | 195                 | 156 | 4420111 |

Table D-1 (continued). OXIDANT AND OZONE DATA

METHODS: MAST MODEL-4410113, COLORIMETRIC-4410114, COULOMETRIC-4410115, CHEMILUMINESCENCE-4420111, COULOMETRIC-4420113

| AIR QUALITY CONTROL REGION               | YEAR NO. OF VALID 1-HR VALUES        | NO. OF VALUES EXCEEDING 1-HR STD | HIGHEST 1-HR VALUES |     | 99TH PERCENTILE VALUE | METHOD  |
|--|--------------------------------------|----------------------------------|---------------------|-----|-----------------------|---------|
|  |                                      |                                  | 1ST                 | 2ND |                       |         |
| 212 AUSTIN-MACO (TEX)                    | ** PRIORITY 1 ** AS OF JUNE 09, 1974 |                                  |                     |     |                       |         |
| TEXAS                                    | 73 2,348                             | 33                               | 313                 | 313 | 186                   | 4420111 |
| TEXAS                                    | 73 1,911                             | 2                                | 162                 | 162 | 117                   | 4420111 |
| 214 CORPUS CHRISTI-VICTORIA (TEX)        | ** PRIORITY 1 ** AS OF JUNE 09, 1974 |                                  |                     |     |                       |         |
| TEXAS                                    | 73 2,265                             | 33                               | 219                 | 219 | 172                   | 4420111 |
| 216 METROPOLITAN HOUSTON-GALVESTON (TEX) | ** PRIORITY 1 ** AS OF JUNE 09, 1974 |                                  |                     |     |                       |         |
| TEXAS                                    | 73 4,181                             | 202                              | 501                 | 404 | 254                   | 4420111 |
| TEXAS                                    | 73 5,019                             | 111                              | 323                 | 313 | 205                   | 4420111 |
| 223 HAMPTON ROADS (VA)                   | ** PRIORITY 1 ** AS OF JUNE 09, 1974 |                                  |                     |     |                       |         |
| VIRGINIA                                 | 73 4,021                             | 9                                | 215                 | 215 | 137                   | 4420111 |
| VIRGINIA                                 | 73 6,344                             |                                  | 97                  | 97  | 78                    | 4420111 |
| 225 STATE CAPITAL (VA)                   | ** PRIORITY 1 ** AS OF JUNE 09, 1974 |                                  |                     |     |                       |         |
| VIRGINIA                                 | 73 5,035                             | 1                                | 215                 | 146 | 97                    | 4420111 |
| VIRGINIA                                 | 73 2,172                             | 21                               | 245                 | 245 | 156                   | 4420111 |
| 229 PUGET SOUND (WASH)                   | ** PRIORITY 1 ** AS OF JUNE 09, 1974 |                                  |                     |     |                       |         |
| WASHINGTON                               | 73 6,826                             |                                  | 117                 | 117 | 58                    | 4410113 |
| WASHINGTON                               | 73 6,160                             |                                  | 137                 | 137 | 97                    | 4410113 |
| WASHINGTON                               | 73 2,563                             |                                  | 97                  | 78  | 39                    | 4410113 |
| WASHINGTON                               | 73 6,188                             |                                  | 97                  | 78  | 58                    | 4420111 |
| WASHINGTON                               | 73 7,152                             | 3                                | 176                 | 176 | 78                    | 4410113 |

## E. NITROGEN DIOXIDE

At this writing, there is no approved reference method for the measurement of nitrogen dioxide. Eight candidate methods are reported in Table E-1.

The NO<sub>2</sub> monitoring stations are listed by AQCR in Table E-1. On the line with each AQCR number and name is its priority classification for NO<sub>2</sub>. At present, there are five AQCR's that are Priority I for NO<sub>2</sub>; the rest are Priority III. Priority I AQCR's are: 024-Metropolitan Los Angeles; 043-New Jersey, New York, and Connecticut; 067-Metropolitan Chicago; 115-Metropolitan Baltimore; and 220-Wasach Front (Utah).

The body of the table contains a line for each station reporting at least one valid quarter of data for 1973. Each line contains the state name, station code, station name, and the year - 1973. The next column records the number of valid values reported. For 24-hour methods, the reported values will be small - usually less than 60. For continuous methods, the number of 1-hour values will be greater than 1620 - 75 percent of possible values in a 90-day quarter required for validity.

The next column lists the highest 24-hour value or 24-hour average (based on bubbler or continuous instrument, respectively).

The next two columns show the ratio of the annual mean to the annual mean standard (100  $\mu\text{g}/\text{m}^3$ ) and the annual arithmetic mean itself. The final column identifies the method, as elaborated in the table heading.



Table E-1. NITROGEN DIOXIDE DATA

METHOD: SALTZMAN COLORIMETRIC-4260211 AND 4260212, COULOMETRIC-4260213, CHEMILUMINESCENCE-4260214, NASN SODIUM ARSENITE-ORIFICE-4260284, NASN SODIUM ARSENITE-FRIT-4260294, TEA METHOD-4260295, TCS METHOD-4260296

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| AIR QUALITY CONTROL REGION                                  | YEAR NO. OF VALID 19-- VALUES      | HIGHEST 24-HR VALUES UG/CU.M. | A N N U A L RATIO TO ANN. STD UG/CU.M. | METHOD  |
|---|------------------------------------|-------------------------------|--|---------|
| <b>002 COLUMBUS-PHENIX CITY (ALA-GA)</b>                    |                                    |                               |  |         |
| ALABAMA   | 01 2460001 A01 MONTGOMERY          | 73 25 85                      |  | 4260294 |
| GEORGIA   | 11 1280001 A01 COLUMBUS            | 73 20 74                      |  | 4260294 |
| <b>004 METROPOLITAN BIRMINGHAM (ALA)</b>                    |                                    |                               |  |         |
| ALABAMA   | 01 0380003 A01 BIRMINGHAM          | 73 25 175                     |  | 4260294 |
| <b>005 MOBILE-PENSACOLA-PANAMA CITY-S.MISS. (ALA-FLA-M)</b> |                                    |                               |  |         |
| ALABAMA   | 01 2380001 A01 MOBILE              | 73 22 106                     |  | 4260294 |
| MISSISSIPPI   | 25 1260002 A01 JACKSON             | 73 24 118                     |  | 4260294 |
| MISSISSIPPI   | 25 1280001 A03 JACKSON COUNTY      | 73 22 61                      |  | 4260294 |
| <b>013 CLARK-MOHAVE (ARIZ-NEV)</b>                          |                                    |                               |  |         |
| ARIZONA   | 03 0500006 F02 MOHAVE COUNTY       | 73 14 50                      |  | 4260294 |
| NEVADA  | 29 0320009 G01 LAS VEGAS           | 73 7,329 112                  | .44                                    | 4260211 |
| <b>014 FOUR CORNERS (ARIZ-COLG-N.M.-UTAH)</b>               |                                    |                               |  |         |
| ARIZONA   | 03 0200004 F03 COCONINO COUNTY     | 73 16 42                      |  | 4260294 |
| ARIZONA   | 03 0370001 A03 GRAND CANYON NAT PK | 73 15 47                      |  | 4260294 |
| MEXICO  | 32 0400001 A05 FARMINGTON          | 73 1,707 *                    |  | 4260214 |
| <b>015 PHOENIX-TUCSON (ARIZ)</b>                            |                                    |                               |  |         |
| ARIZONA   | 03 0600002 A01 PHOENIX             | 73 16 119                     |  | 4260294 |
| ARIZONA   | 03 0600002 G01 PHOENIX             | 73 7,905 172                  | .35                                    | 4260211 |
| ARIZONA   | 03 0640001 F01 PINAL COUNTY        | 73 16 61                      |  | 4260294 |
| ARIZONA   | 03 0860001 A01 TUCSON              | 73 18 119                     |  | 4260294 |
| <b>016 CENTRAL ARKANSAS</b>                                 |                                    |                               |  |         |
| ARKANSAS  | 04 1440001 A01 LITTLE ROCK         | 73 10 142                     |  | 4260294 |
| <b>017 METROPOLITAN FORT SMITH (ARK-OKLA)</b>               |                                    |                               |  |         |
| OKLAHOMA  | 37 0480001 A03 CHEROKEE COUNTY     | 73 25 40                      |  | 4260294 |
| <b>018 METROPOLITAN MEMPHIS (ARK-MISS-TENN)</b>             |                                    |                               |  |         |
| TENNESSEE   | 44 2340001 A01 MEMPHIS             | 73 24 154                     |  | 4260294 |

Table E-1 (continued). NITROGEN DIOXIDE DATA

METHOD: SALTZMAN COLORIMETRIC-4260211 AND 4260212, COULOMETRIC-4260213, CHEMILUMINESCENCE-4260214, NASN SODIUM ARSENITE-ORIFICE-4260284, NASN SODIUM ARSENITE-FRIT-4260294, TEA METHOD-4260295, TCS METHOD-4260296

| AIR QUALITY CONTROL REGION                       | YEAR NO. OF VALD 19-- VALUES | HIGHEST 24-HR VALUES UG/CU.M. | A M N U A L RATIO TO ANN. STD UG/CU.M. | METHOD  |
|--|------------------------------|-------------------------------|--|---------|
| 019 MONROE-EL DORADO (ARK-LA)                    |                              | ** PRIORITY 3 **              |  |         |
| 04 0780004 A01 EL DORADO                         | 73 16                        | 110                           |  | 4260294 |
| 022 SHREVEPORT-TEXARKANA-TYLER (ARK-LA-OKLA-TEX) |                              | ** PRIORITY 3 **              |  |         |
| LOUISIANA  | 73 25                        | 86                            |  | 4260294 |
| 024 METROPOLITAN LOS ANGELES (CALIF)             |                              | ** PRIORITY 1 **              |  |         |
| CALIFORNIA                                       | 73 19                        | 178                           |  | 4260294 |
| CALIFORNIA                                       | 73 7,340                     | 347                           | .98                                    | 4260211 |
| CALIFORNIA                                       | 73 8,096                     | 355                           | 1.17                                   | 4260211 |
| CALIFORNIA                                       | 73 2,135                     | 167                           |  | 4260211 |
| CALIFORNIA                                       | 73 4,213                     | 452                           |  | 4260211 |
| CALIFORNIA                                       | 73 7,778                     | 120                           | .51                                    | 4260211 |
| CALIFORNIA                                       | 73 3,511                     | 226                           |  | 4260211 |
| CALIFORNIA                                       | 73 3,987                     | 289                           |  | 4260211 |
| CALIFORNIA                                       | 73 4,047                     | 244                           |  | 4260211 |
| CALIFORNIA                                       | 73 20                        | 226                           |  | 4260294 |
| CALIFORNIA                                       | 73 8,420                     | 96                            | .36                                    | 4260211 |
| CALIFORNIA                                       | 73 7,932                     | 373                           | 1.08                                   | 4260211 |
| CALIFORNIA                                       | 73 8,013                     | 75                            | .26                                    | 4260211 |
| CALIFORNIA                                       | 73 8,294                     | 361                           | 1.20                                   | 4260211 |
| CALIFORNIA                                       | 73 22                        | 156                           |  | 4260294 |
| CALIFORNIA                                       | 73 8,108                     | 415                           | 1.28                                   | 4260211 |
| CALIFORNIA                                       | 73 18                        | 292                           |  | 4260294 |
| CALIFORNIA                                       | 73 7,717                     | 416                           | 1.25                                   | 4260211 |
| CALIFORNIA                                       | 73 8,207                     | 375                           | 1.32                                   | 4260211 |
| CALIFORNIA                                       | 73 8,506                     | 416                           | 1.18                                   | 4260211 |
| CALIFORNIA                                       | 73 1,718                     | 260                           |  | 4260211 |
| CALIFORNIA                                       | 73 8,180                     | 160                           | .71                                    | 4260211 |
| CALIFORNIA                                       | 73 4,217                     | 144                           |  | 4260211 |
| CALIFORNIA                                       | 73 3,864                     | 116                           |  | 4260211 |
| CALIFORNIA                                       | 73 7,062                     | 83                            | .32                                    | 4260294 |
| CALIFORNIA                                       | 73 19                        | 248                           |  | 4260211 |
| CALIFORNIA                                       | 73 4,171                     | 285                           |  | 4260211 |
| CALIFORNIA                                       | 73 4,221                     | 358                           |  | 4260211 |
| CALIFORNIA                                       | 73 3,744                     | 265                           |  | 4260211 |
| CALIFORNIA                                       | 73 4,358                     | 206                           |  | 4260211 |
| CALIFORNIA                                       | 73 18                        | 190                           |  | 4260294 |
| CALIFORNIA                                       | 73 19                        | 176                           |  | 4260294 |
| CALIFORNIA                                       | 73 7,656                     | 139                           | .57                                    | 4260211 |



Table E-1 (continued). NITROGEN DIOXIDE DATA

METHOD: SALTZMAN COLORIMETRIC-4260211 AND 4260212, COULOMETRIC-4260213, CHEMILUMINESCENCE-4260214, NASN SODIUM ARSENITE-ORIFICE-4260284, NASN SODIUM ARSENITE-FRIT-4260294, TEA METHOD-4260295, TGS METHOD-4260296

| AIR QUALITY CONTROL REGION                       | YEAR NO. OF VALID 19-- VALUES    | HIGHEST 24-HR VALUES UG/CU.M. | A N N U A L RATIO TO ANN. STD UG/CU.M. | METHO D |
|--|----------------------------------|-------------------------------|--|---------|
|  |                                  |                               |  |         |
| 024 METROPOLITAN LOS ANGELES (CALIF) (CONTINUED) |                                  |                               |  |         |
| CALIFORNIA                                       | 05 8260001 A01 TORRANCE          | 73 21                         | 102                                    |         |
| CALIFORNIA                                       | 05 8510001 I01 VICTORVILLE       | 73 1,782                      | 150                                    | 4260294 |
| CALIFORNIA                                       | 05 8720001 I01 WHITTIER          | 73 8,064                      | 328                                    | 4260211 |
|  |                                  |                               | 1-23                                   | 123     |
| 025 NORTH CENTRAL COAST (CALIF)                  |                                  |                               |  |         |
| CALIFORNIA                                       | 05 4840001 I01 MONTEREY          | 73 8,006                      | 90                                     | 4260211 |
| CALIFORNIA                                       | 05 6620001 I01 SALINAS           | 73 8,111                      | 103                                    | 4260211 |
| CALIFORNIA                                       | 05 7300001 I01 SANTA CRUZ COUNTY | 73 8,103                      | 62                                     | 4260211 |
|  |                                  |                               | .32                                    | 32      |
|  |                                  |                               | .43                                    | 43      |
|  |                                  |                               | .27                                    | 27      |
| 026 NORTH COAST (CALIF)                          |                                  |                               |  |         |
| CALIFORNIA                                       | 05 2480002 F01 EUREKA            | 73 7,295                      | 68                                     | 4260211 |
|  |                                  |                               | .32                                    | 32      |
| 028 SACRAMENTO VALLEY (CALIF)                    |                                  |                               |  |         |
| CALIFORNIA                                       | 05 1260001 F01 CHICO             | 73 7,862                      | 83                                     | 4260211 |
| CALIFORNIA                                       | 05 6180002 F01 REDDING           | 73 7,896                      | 67                                     | 4260211 |
| CALIFORNIA                                       | 05 6580001 A01 SACRAMENTO        | 73 21                         | 110                                    | 4260294 |
| CALIFORNIA                                       | 05 6580003 F01 SACRAMENTO        | 73 7,912                      | 167                                    | 4260211 |
| CALIFORNIA                                       | 05 8900001 F01 YUBA CITY         | 73 7,908                      | 99                                     | 4260211 |
|  |                                  |                               | .54                                    | 54      |
|  |                                  |                               | .37                                    | 37      |
| 029 SAN DIEGO (CALIF)                            |                                  |                               |  |         |
| CALIFORNIA                                       | 05 2220001 I01 EL CAJON          | 73 7,864                      | 159                                    | 4260211 |
| CALIFORNIA                                       | 05 5320003 I01 OCEANSIDE         | 73 3,365                      | 213                                    | 4260211 |
| CALIFORNIA                                       | 05 6800001 A01 SAN DIEGO         | 73 18                         | 177                                    | 4260294 |
| CALIFORNIA                                       | 05 6800004 I01 SAN DIEGO         | 73 4,181                      | 174                                    | 4260211 |
|  |                                  |                               | .52                                    | 52      |
| 030 SAN FRANCISCO BAY AREA (CALIF)               |                                  |                               |  |         |
| CALIFORNIA                                       | 05 0740001 A01 BERKELEY          | 73 18                         | 106                                    | 4260294 |
| CALIFORNIA                                       | 05 1600001 I01 CONCORD           | 73 3,798                      | 152                                    | 4260211 |
| CALIFORNIA                                       | 05 4020002 I01 LIVERMORE         | 73 8,038                      | 143                                    | 4260211 |
| CALIFORNIA                                       | 05 5000003 I01 NAPA              | 73 4,166                      | 105                                    | 4260211 |
| CALIFORNIA                                       | 05 5300001 A01 OAKLAND           | 73 18                         | 122                                    | 4260294 |
| CALIFORNIA                                       | 05 5300004 F01 OAKLAND           | 73 8,170                      | 212                                    | 4260211 |
| CALIFORNIA                                       | 05 5880001 I01 PITTSBURG         | 73 7,814                      | 111                                    | 4260211 |
| CALIFORNIA                                       | 05 6240001 I01 REDWOOD CITY      | 73 7,962                      | 166                                    | 4260211 |
| CALIFORNIA                                       | 05 6300003 I01 RICHMOND          | 73 4,039                      | 132                                    | 4260211 |
| CALIFORNIA                                       | 05 6860001 A01 SAN FRANCISCO     | 73 23                         | 113                                    | 4260294 |

Table E-1 (continued) : NITROGEN DIOXIDE DATA

METHOD: SALTZMAN COLORIMETRIC-4260211 AND 4260212, COULOMETRIC-4260213, CHEMILUMINESCENCE-4260214, NASN SODIUM ARSENITE-ORIFICE-4260284, NASN SODIUM ARSENITE-FRIT-4260294, TEA METHOD-4260295, TCS METHOD-4260296

| AIR QUALITY CONTROL REGION                            | YEAR NO. OF VALID VALUES       | HIGHEST 24-HR VALUES UG/CU.M. | A N N U A L RATIO TO ANN. STD UG/CU.M. | METHOD  |
|---|--------------------------------|-------------------------------|--|---------|
| <b>030 SAN FRANCISCO BAY AREA (CALIF) (CONTINUED)</b> |                                |                               |  |         |
| CALIFORNIA  | 05 6860003 I01 SAN FRANCISCO   | 73 7,789                      | 209                                    | 4260211 |
| CALIFORNIA  | 05 6980002 A01 SAN JOSE        | 73 13                         | 145                                    | 4260294 |
| CALIFORNIA  | 05 6980004 I01 SAN JOSE        | 73 3,968                      | 211                                    | 4260211 |
| CALIFORNIA  | 05 7160001 I01 SAN RAFAEL      | 73 7,846                      | 163                                    | 4260211 |
| CALIFORNIA  | 05 7400002 I01 SANTA ROSA      | 73 4,073                      | 125                                    | 4260211 |
| CALIFORNIA  | 05 8080001 I01 SUNNYVALE       | 73 2,393                      | 235                                    | 4260211 |
| CALIFORNIA  | 05 8480003 I01 WATILEJO        | 73 4,017                      | 134                                    | 4260211 |
| <b>031 SAN JOAQUIN VALLEY (CALIF)</b>                 |                                |                               |  |         |
| CALIFORNIA  | 05 0520003 F01 BAKERSFIELD     | 73 7,614                      | 106                                    | 4260211 |
| CALIFORNIA  | 05 2800002 A01 FRESNO          | 73 20                         | 109                                    | 4260294 |
| CALIFORNIA  | 05 2800003 F01 FRESNO          | 73 7,898                      | 117                                    | 4260211 |
| CALIFORNIA  | 05 4720001 F01 MODESTO         | 73 7,866                      | 132                                    | 4260211 |
| CALIFORNIA  | 05 8040002 F01 STOCKTON        | 73 7,454                      | 137                                    | 4260211 |
| CALIFORNIA  | 05 8520001 F01 VISALIA         | 73 7,832                      | 84                                     | 4260211 |
| <b>032 SOUTH CENTRAL COAST (CALIF)</b>                |                                |                               |  |         |
| CALIFORNIA  | 05 7040001 F01 SAN LUIS OBISPO | 73 7,817                      | 126                                    | 4260211 |
| <b>033 SOUTHEAST DESERT (CALIF)</b>                   |                                |                               |  |         |
| CALIFORNIA  | 05 6200001 I01 REDLANDS        | 73 8,063                      | 197                                    | 4260211 |
| CALIFORNIA  | 05 6680001 I01 SAN BERNARDINO  | 73 7,480                      | 177                                    | 4260211 |
| CALIFORNIA  | 05 8440003 I01 UPLAND          | 73 3,429                      | 313                                    | 4260211 |
| CALIFORNIA  | 05 8440004 F01 UPLAND          | 73 3,946                      | 322                                    | 4260211 |
| <b>036 METROPOLITAN DENVER (COLO)</b>                 |                                |                               |  |         |
| COLORADO  | 06 0580001 A01 DENVER          | 73 16                         | 125                                    | 4260294 |
| COLORADO  | 06 0580002 A01 DENVER          | 73 18                         | 138                                    | 4260294 |
| COLORADO  | 06 0580002 A10 DENVER          | 73 3,743                      | 250                                    | 4260212 |
| <b>042 HARTFORD-NEW HAVEN-SPRINGFIELD (CONN-MASS)</b> |                                |                               |  |         |
| CONNECTICUT   | 07 0420001 A01 HARTFORD        | 73 7                          | 77                                     | 4260294 |
| CONNECTICUT   | 07 0480002 F01 NEW BRITAIN     | 73 3,882                      | 97                                     | 4260211 |
| CONNECTICUT   | 07 0700001 A01 NEW HAVEN       | 73 7                          | 101                                    | 4260294 |
| MASSACHUSETTS   | 22 2160002 A01 SPRINGFIELD     | 73 6                          | 86                                     | 4260294 |

Table E-1 (continued). NITROGEN DIOXIDE DATA

METHOD: SALTZMAN COLORIMETRIC-4260211 AND 4260212, COULOMETRIC-4260213, CHEMILUMINESCENCE-4260214, NASN SODIUM ARSENITE-ORIFICE-4260284, NASN SODIUM ARSENITE-FRIT-4260294, TEA METHOD-4260295. TCS METHOD-4260296

| AIR QUALITY CONTROL REGION                          | YEAR NO. OF VALID 24-HR VALUES | HIGHEST UG/CU.-M. | ANNUAL RATIO TO ANN. STD | MEAN UG/CU.-M. | METHOD  |
|---|--------------------------------|-------------------|--------------------------|----------------|---------|
| <b>043 NEW JERSEY-NEW YORK-CONNECTICUT</b>          |                                |                   |                          |                |         |
| CONNECTICUT   | 07 0060001 A01 BRIDGEPORT      | 73 8              | 108                      |                | 4260294 |
| NEW JERSEY  | 31 0180003 F01 GAYONNE         | 73 7,497          | 265                      | .89            | 4260212 |
| NEW JERSEY  | 31 1300002 A01 ELIZABETH       | 73 9              | 98                       |                | 4260294 |
| NEW JERSEY  | 31 1300004 F01 ELIZABETH       | 73 6,058          | 359                      |                | 4260212 |
| NEW JERSEY  | 31 2320001 A01 JERSEY CITY     | 73 8              | 39                       |                | 4260294 |
| NEW JERSEY  | 31 3480001 A01 NEWARK          | 73 8              | 53                       |                | 4260294 |
| NEW JERSEY  | 31 3480002 F01 NEWARK          | 73 7,982          | 352                      | 1.21           | 4260212 |
| NEW JERSEY  | 31 4140001 A01 PATERSON        | 73 9              | 90                       |                | 4260294 |
| NEW YORK  | 33 2900005 F01 HEMPSTEAD (T)   | 73 5,014          | 248                      |                | 4260211 |
| NEW YORK  | 33 4100002 F01 MAMARONECK      | 73 5,487          | 172                      |                | 4260211 |
| NEW YORK  | 33 4680001 A01 NEW YORK CITY   | 73 7              | 113                      |                | 4260294 |
| NEW YORK  | 33 4680050 F01 NEW YORK CITY   | 73 5,518          | 597                      |                | 4260211 |
| <b>044 NORTHWESTERN CONNECTICUT</b>                 |                                |                   |                          |                |         |
| CONNECTICUT   | 07 1240001 A01 WATERBURY       | 73 7              | 83                       |                | 4260294 |
| <b>045 METROPOLITAN PHILADELPHIA (DEL.-N.J.-PA)</b> |                                |                   |                          |                |         |
| DELAWARE  | 08 0140001 A01 NEWARK          | 73 23             | 74                       |                | 4260294 |
| DELAWARE  | 08 0260003 A01 WILMINGTON      | 73 24             | 113                      |                | 4260294 |
| NEW JERSEY  | 31 0720001 A01 CAMDEN          | 73 9              | 89                       |                | 4260294 |
| NEW JERSEY  | 31 0720003 F01 CAMDEN          | 73 8,058          | 227                      | .83            | 4260212 |
| NEW JERSEY  | 31 0740002 A01 CAMDEN COUNTY   | 73 9              | 88                       |                | 4260294 |
| NEW JERSEY  | 31 1700001 A01 GLASSBORO       | 73 9              | 69                       |                | 4260294 |
| NEW JERSEY  | 31 5400001 A01 TRENTON         | 73 9              | 85                       |                | 4260294 |
| PENNSYLVANIA  | 39 7140001 A01 PHILADELPHIA    | 73 23             | 163                      |                | 4260294 |
| PENNSYLVANIA  | 39 7140002 A01 PHILADELPHIA    | 73 11             | 123                      |                | 4260294 |
| PENNSYLVANIA  | 39 7140004 A01 PHILADELPHIA    | 73 2,190          | 244                      |                | 4260211 |
| PENNSYLVANIA  | 39 7140018 A01 PHILADELPHIA    | 73 1,664          | 662                      |                | 4260211 |
| PENNSYLVANIA  | 39 9160001 A01 WARMINSTER      | 73 10             | 104                      |                | 4260294 |
| PENNSYLVANIA  | 39 9280001 A01 WEST CHESTER    | 73 20             | 132                      |                | 4260294 |
| <b>046 SOUTHERN DELAWARE</b>                        |                                |                   |                          |                |         |
| DELAWARE  | 08 0060001 A03 KENT COUNTY     | 73 20             | 85                       |                | 4260294 |
| <b>047 NATIONAL CAPITAL (D.C.--MD-VA)</b>           |                                |                   |                          |                |         |
| DIST COLUMBIA                                       | 09 0020001 A01 WASHINGTON      | 73 17             | 118                      |                | 4260294 |
| DIST COLUMBIA                                       | 09 0020003 A01 WASHINGTON      | 73 11             | 129                      |                | 4260294 |

Table E-1 (continued). NITROGEN DIOXIDE DATA

METHOD: SALTZMAN COLORIMETRIC-4260211 AND 4260212, COULOMETRIC-4260213, CHEMILUMINESCENCE-4260214, NASN SODIUM ARSENITE-ORIFICE-4260284, NASN SODIUM ARSENITE-FRIT-4260294, TEA METHOD-4260295, TGS METHOD-4260296

| AIR QUALITY CONTROL REGION                    | YEAR NO. OF VALID 19-- VALUES         | HIGHEST 24-HR VALUES UG/CU.M. | A M N U A L RATIO TO ANN. STD UG/CU.M. | METHOD  |
|---|---------------------------------------|-------------------------------|--|---------|
| 047 NATIONAL CAPITAL (D.C.-MD-VA) (CONTINUED) |                                       |                               |  |         |
| MARYLAND                                      | 21 0200004 F01 BETHESDA               | 73 12                         | 72                                     | 4260294 |
| MARYLAND                                      | 21 0200005 F01 BETHESDA               | 73 4,480                      | 215                                    | 4260211 |
| MARYLAND                                      | 21 0480001 G01 CHEVERLY MD            | 73 12                         | 76                                     | 4260294 |
| MARYLAND                                      | 21 0780003 G01 GAITHERSBURG           | 73 13                         | 64                                     | 4260294 |
| MARYLAND                                      | 21 0980003 F01 HYATTSVILLE            | 73 4,727                      | 257                                    | 4260211 |
| MARYLAND                                      | 21 1160010 F01 MONTGOMERY COUNTY      | 73 10                         | 43                                     | 4260294 |
| MARYLAND                                      | 21 1300001 G01 PRINCE GEORGE'S COUNTY | 73 11                         | 54                                     | 4260294 |
| MARYLAND                                      | 21 1300012 G01 PRINCE GEORGE'S COUNTY | 73 10                         | 33                                     | 4260294 |
| MARYLAND                                      | 21 1300018 G01 PRINCE GEORGE'S COUNTY | 73 13                         | 33                                     | 4260294 |
| MARYLAND                                      | 21 1300019 G01 PRINCE GEORGE'S COUNTY | 73 11                         | 51                                     | 4260294 |
| MARYLAND                                      | 21 1300020 G01 PRINCE GEORGE'S COUNTY | 73 12                         | 108                                    | 4260294 |
| MARYLAND                                      | 21 1300021 G01 PRINCE GEORGE'S COUNTY | 73 13                         | 54                                     | 4260294 |
| MARYLAND                                      | 21 1380002 G01 ROCKVILLE              | 73 13                         | 64                                     | 4260294 |
| MARYLAND                                      | 21 1480003 F01 SILVER SPRING          | 73 12                         | 62                                     | 4260294 |
| MARYLAND                                      | 21 1480005 G01 SILVER SPRING          | 73 13                         | 79                                     | 4260294 |
| MARYLAND                                      | 21 1480006 F01 SILVER SPRING          | 73 5,337                      | 281                                    | 4260211 |
| MARYLAND                                      | 21 1480007 G01 SILVER SPRING          | 73 10                         | 55                                     | 4260294 |
| MARYLAND                                      | 21 1560001 F01 SUITLAND               | 73 4,305                      | 390                                    | 4260211 |
| VIRGINIA                                      | 48 2870004 G01 SEVEN CORNERS          | 73 4,261                      |  | 4260211 |
| 049 JACKSONVILLE-BRUNSWICK (FLA-GA)           |                                       |                               |  |         |
| FLORIDA                                       | 10 1960002 A01 JACKSONVILLE           | 73 25                         | 96                                     | 4260294 |
| 050 SOUTHEAST FLORIDA                         |                                       |                               |  |         |
| FLORIDA                                       | 10 2700002 A01 MIAMI                  | 73 24                         | 97                                     | 4260294 |
| 052 WEST CENTRAL FLORIDA                      |                                       |                               |  |         |
| FLORIDA                                       | 10 1680001 A03 HARDEE COUNTY          | 73 12                         | 29                                     | 4260294 |
| FLORIDA                                       | 10 3980002 A01 ST PETERSBURG          | 73 24                         | 64                                     | 4260294 |
| FLORIDA                                       | 10 4360002 A01 TAMPA                  | 73 11                         | 98                                     | 4260294 |
| 053 AUGUSTA-AIKEN (GA-S.C.)                   |                                       |                               |  |         |
| SOUTH CAROLINA                                | 42 0060001 F01 AIKEN                  | 73 31                         | 84                                     | 4260294 |
| SOUTH CAROLINA                                | 42 0080001 F01 AIKEN COUNTY           | 73 31                         | 60                                     | 4260294 |
| SOUTH CAROLINA                                | 42 1800001 F01 NORTH AUGUSTA          | 73 36                         | 774                                    | 4260294 |
| SOUTH CAROLINA                                | 42 1840001 F01 ORANGEBURG             | 73 31                         | 42                                     | 4260294 |

Table E-1 (continued) . NITROGEN DIOXIDE DATA

METHOD: SALTZMAN COLORIMETRIC-4260211 AND 4260212, COULOMETRIC-4260213, CHEMILUMINESCENCE-4260214, NASN SODIUM ARSENITE-ORIFICE-4260284, NASN SODIUM ARSENITE-FRIT-4260294, TEA METHOD-4260295, TGS METHOD-4260296

| AIR QUALITY CONTROL REGION                               | YEAR NO. OF VALID VALUES            | HIGHEST 24-HR VALUES UG/CU.M. | A M N U A L RATIO TO ANN. STD | METHOD  |
|--|-------------------------------------|-------------------------------|-------------------------------|---------|
|  |                                     |                               |                               |         |
| <b>056 METROPOLITAN ATLANTA (GA)</b>                     |                                     |                               |                               |         |
| GEORGIA  | 11 0200001 A01 ATLANTA              | 73 22                         | 179                           | 4260294 |
| GEORGIA  | 11 0200001 A05 ATLANTA              | 73 4,459                      | *                             | 4260214 |
| GEORGIA  | 11 0200001 G01 ATLANTA              | 73 8                          | 129                           | 4260284 |
| GEORGIA  | 11 0200031 G01 ATLANTA              | 73 16                         | 102                           | 4260284 |
| GEORGIA  | 11 0200035 G01 ATLANTA              | 73 15                         | 125                           | 4260284 |
| GEORGIA  | 11 0200039 G01 ATLANTA              | 73 12                         | 112                           | 4260284 |
| GEORGIA  | 11 0200041 G01 ATLANTA              | 73 13                         | 124                           | 4260284 |
| GEORGIA  | 11 0200042 G02 ATLANTA              | 73 14                         | 115                           | 4260284 |
| GEORGIA  | 11 2580001 G01 HAPEVILLE            | 73 13                         | 131                           | 4260284 |
| <b>058 SAVANNAH-BEAUFORT (GA-S.C.)</b>                   |                                     |                               |                               |         |
| GEORGIA  | 11 4500001 A01 SAVANNAH             | 73 24                         | 126                           | 4260294 |
| SOUTH CAROLINA   | 42 0340001 F01 BEAUFORT             | 73 46                         | 1154                          | 4260294 |
| SOUTH CAROLINA   | 42 0360001 F01 BEAUFORT COUNTY      | 73 31                         | 67                            | 4260294 |
| SOUTH CAROLINA   | 42 1360001 F01 JASPER COUNTY        | 73 27                         | 91                            | 4260294 |
| <b>060 HAWAII</b>  |                                     |                               |                               |         |
| HAWAII   | 12 0040002 F02 EWA                  | 73 33                         | 18                            | 4260294 |
| HAWAII   | 12 0080002 A03 HAWAII COUNTY        | 73 13                         | 64                            | 4260294 |
| HAWAII   | 12 0080002 A05 HAWAII COUNTY        | 73 10                         | 26                            | 4260294 |
| HAWAII   | 12 0090001 A03 HAWAII VOLCANOES N P | 73 13                         | 42                            | 4260294 |
| HAWAII   | 12 0100001 F01 HILO                 | 73 15                         | 27                            | 4260294 |
| HAWAII   | 12 0120001 A01 HONOLULU             | 73 19                         | 89                            | 4260294 |
| HAWAII   | 12 0120001 F01 HONOLULU             | 73 37                         | 71                            | 4260294 |
| HAWAII   | 12 0120004 F01 HONOLULU             | 73 36                         | 63                            | 4260294 |
| HAWAII   | 12 0120005 F01 HONOLULU             | 73 35                         | 85                            | 4260294 |
| HAWAII   | 12 0160001 F01 KAHULUI              | 73 35                         | 59                            | 4260294 |
| HAWAII   | 12 0300001 F01 LIHUE                | 73 37                         | 14                            | 4260294 |
| HAWAII   | 12 0370001 F01 PEARL CITY           | 73 36                         | 41                            | 4260294 |
| <b>062 EASTERN WASHINGTON-NORTHERN IDAHO (IDAHO-WAS)</b> |                                     |                               |                               |         |
| WASHINGTON   | 49 2040001 A01 SPOKANE              | 73 22                         | 557                           | 4260294 |
| <b>065 SURLINGSTON-KEOKUK (ILL-IONA)</b>                 |                                     |                               |                               |         |
| ILLINOIS   | 14 6080001 A01 PEORIA               | 73 19                         | 98                            | 4260294 |

Table E-1 (continued) . NITROGEN DIOXIDE DATA

METHOD: SALTZMAN COLORIMETRIC-4260211 AND 4260212, COULOMETRIC-4260213, CHEMILUMINESCENCE-4260214, NASN SODIUM ARSENITE-ORIFICE-4260284, NASN SODIUM ARSENITE-FRIT-4260294, TEA METHOD-4260295, TCS METHOD-4260296

| AIR QUALITY CONTROL REGION                      | YEAR | NO. OF VALID VALUES | HIGHEST 24-HR VALUES UG/CU.M. | ANNUAL RATIO TO ANN. STD | METHOD  |
|---|------|---------------------|-------------------------------|--------------------------|---------|
|   |      |                     |                               |                          |         |
| <b>067 METROPOLITAN CHICAGO (ILL-IND)</b>       |      |                     |                               |                          |         |
| ILLINOIS  | 73   | 15                  | 163                           |                          | 4260294 |
| ILLINOIS  | 73   | 13                  | 162                           |                          | 4260294 |
| ILLINOIS  | 73   | 2,974               | 389                           |                          | 4260212 |
| ILLINOIS  | 73   | 31                  | 310                           |                          | 4260284 |
| ILLINOIS  | 73   | 29                  | 125                           |                          | 4260284 |
| ILLINOIS  | 73   | 11                  | 112                           |                          | 4260284 |
| ILLINOIS  | 73   | 31                  | 127                           |                          | 4260284 |
| ILLINOIS  | 73   | 30                  | 84                            |                          | 4260284 |
| ILLINOIS  | 73   | 30                  | 107                           |                          | 4260284 |
| ILLINOIS  | 73   | 24                  | 120                           |                          | 4260284 |
| ILLINOIS  | 73   | 10                  | 103                           |                          | 4260284 |
| ILLINOIS  | 73   | 11                  | 99                            |                          | 4260284 |
| ILLINOIS  | 73   | 10                  | 109                           |                          | 4260284 |
| ILLINOIS  | 73   | 31                  | 137                           |                          | 4260284 |
| ILLINOIS  | 73   | 10                  | 88                            |                          | 4260284 |
| ILLINOIS  | 73   | 11                  | 88                            |                          | 4260284 |
| ILLINOIS  | 73   | 9                   | 107                           |                          | 4260284 |
| INDIANA   | 73   | 21                  | 115                           |                          | 4260294 |
| INDIANA   | 73   | 23                  | 173                           |                          | 4260294 |
| INDIANA   | 73   | 22                  | 151                           |                          | 4260294 |
| <b>068 METROPOLITAN DUBUQUE (ILL-IOWA-MISC)</b> |      |                     |                               |                          |         |
| IOWA  | 73   | 20                  | 61                            |                          | 4260294 |
| <b>070 METROPOLITAN ST. LOUIS (ILL-MO)</b>      |      |                     |                               |                          |         |
| MISSOURI  | 73   | 7,881               | 195                           | -85                      | 4260211 |
| MISSOURI  | 73   | 7,705               | 194                           | -70                      | 4260211 |
| MISSOURI  | 73   | 7,976               | 178                           | -70                      | 4260211 |
| MISSOURI  | 73   | 7,774               | 171                           | -61                      | 4260211 |
| MISSOURI  | 73   | 13                  | 108                           |                          | 4260294 |
| MISSOURI  | 73   | 5                   | 159                           |                          | 4260294 |
| MISSOURI  | 73   | 21                  | 133                           |                          | 4260294 |
| MISSOURI  | 73   | 4,134               | 126                           |                          | 4260212 |
| MISSOURI  | 73   | 5                   | 121                           |                          | 4260294 |
| MISSOURI  | 73   | 8,062               | 137                           | -46                      | 4260211 |
| <b>072 PADUCAH-CAIRO (ILL-KY)</b>               |      |                     |                               |                          |         |
| KENTUCKY  | 73   | 42                  | 24                            |                          | 4260294 |
| KENTUCKY  | 73   | 43                  | 29                            |                          | 4260294 |

Table E-1 (continued). NITROGEN DIOXIDE DATA

METHOD: SALTZMAN COLORIMETRIC-4260211 AND 4260212, COULOMETRIC-4260213, CHEMILUMINESCENCE-4260214, NASN SODIUM ARSENITE-ORIFICE-4260284, NASN SODIUM ARSENITE-FRIT-4260294, TEA METHOD-4260295, TGS METHOD-4260296

| AIR QUALITY CONTROL REGION                  | YEAR NO. OF VALID 19-- VALUES | HIGHEST 24-HR VALUES UG/CU.M. | ANNUAL RATIO TO ANN. STD | METHOD |     |         |
|---|-------------------------------|-------------------------------|--------------------------|--------|-----|---------|
| 072 PADUCAH-CAIRO (ILL-KY) (CONTINUED)      |                               |                               |                          |        |     |         |
| KENTUCKY                                    | 18 0560001                    | F01 CARLISLE COUNTY           | 73                       | 44     | 16  | 4260294 |
| KENTUCKY                                    | 18 0680002                    | F01 CENTRAL CITY              | 73                       | 43     | 66  | 4260294 |
| KENTUCKY                                    | 18 1340001                    | F01 FULTON                    | 73                       | 44     | 35  | 4260294 |
| KENTUCKY                                    | 18 1860002                    | F01 HOPKINSVILLE              | 73                       | 39     | 46  | 4260294 |
| KENTUCKY                                    | 18 2320001                    | F01 LIVINGSTON COUNTY         | 73                       | 29     | 31  | 4260294 |
| KENTUCKY                                    | 18 2460001                    | F02 MCCRACKEN COUNTY          | 73                       | 44     | 37  | 4260294 |
| KENTUCKY                                    | 18 2540001                    | F01 MADISONVILLE              | 73                       | 38     | 47  | 4260294 |
| KENTUCKY                                    | 18 2600002                    | F01 MARSHALL COUNTY           | 73                       | 45     | 33  | 4260294 |
| KENTUCKY                                    | 18 2600008                    | F01 MARSHALL COUNTY           | 73                       | 44     | 36  | 4260294 |
| KENTUCKY                                    | 18 2980001                    | F01 MURRAY KY                 | 73                       | 43     | 48  | 4260294 |
| KENTUCKY                                    | 18 3180001                    | F01 PADUCAH                   | 73                       | 30     | 46  | 4260294 |
| KENTUCKY                                    | 18 3180002                    | F01 PADUCAH                   | 73                       | 45     | 37  | 4260294 |
| KENTUCKY                                    | 18 3180003                    | F01 PADUCAH                   | 73                       | 46     | 66  | 4260294 |
| KENTUCKY                                    | 18 3180004                    | F01 PADUCAH                   | 73                       | 44     | 64  | 4260294 |
| KENTUCKY                                    | 18 3180005                    | F03 PADUCAH                   | 73                       | 43     | 57  | 4260294 |
| KENTUCKY                                    | 18 3180020                    | F01 PADUCAH                   | 73                       | 46     | 62  | 4260294 |
| KENTUCKY                                    | 18 3420001                    | F01 PRINCETON                 | 73                       | 44     | 40  | 4260294 |
| 073 ROCKFORD-JANESVILLE-BELOIT (ILL-WISC)   |                               |                               |                          |        |     |         |
| ILLINOIS                                    | 14 6680001                    | A01 ROCKFORD                  | 73                       | 22     | 68  | 4260294 |
| 077 EVANSVILLE-OWENSBORO-HENDERSON (IND-KY) |                               |                               |                          |        |     |         |
| INDIANA                                     | 15 1300001                    | A01 EVANSVILLE                | 73                       | 23     | 104 | 4260294 |
| KENTUCKY                                    | 18 1580002                    | F01 HANCOCK COUNTY            | 73                       | 44     | 30  | 4260294 |
| KENTUCKY                                    | 18 1580004                    | F01 HANCOCK COUNTY            | 73                       | 46     | 47  | 4260294 |
| KENTUCKY                                    | 18 1740002                    | F01 HENDERSON                 | 73                       | 40     | 68  | 4260294 |
| KENTUCKY                                    | 18 1740003                    | F01 HENDERSON                 | 73                       | 36     | 22  | 4260294 |
| KENTUCKY                                    | 18 1740004                    | F01 HENDERSON                 | 73                       | 45     | 54  | 4260294 |
| KENTUCKY                                    | 18 1740005                    | F01 HENDERSON                 | 73                       | 40     | 66  | 4260294 |
| KENTUCKY                                    | 18 1740006                    | F01 HENDERSON                 | 73                       | 19     | 22  | 4260294 |
| KENTUCKY                                    | 18 1740007                    | F01 HENDERSON                 | 73                       | 1,670  | 159 | 4260211 |
| KENTUCKY                                    | 18 1740008                    | F01 HENDERSON                 | 73                       | 4,120  | 149 | 4260211 |
| KENTUCKY                                    | 18 1740009                    | F01 HENDERSON                 | 73                       | 34     | 63  | 4260294 |
| KENTUCKY                                    | 18 1740009                    | F01 HENDERSON                 | 73                       | 23     | 52  | 4260294 |
| KENTUCKY                                    | 18 1760001                    | F02 HENDERSON COUNTY          | 73                       | 36     | 57  | 4260294 |
| KENTUCKY                                    | 18 3140001                    | F01 OWENSBORO                 | 73                       | 44     | 61  | 4260294 |
| KENTUCKY                                    | 18 3140002                    | F01 OWENSBORO                 | 73                       | 43     | 58  | 4260294 |
| KENTUCKY                                    | 18 3140003                    | F01 OWENSBORO                 | 73                       | 41     | 31  | 4260294 |
| KENTUCKY                                    | 18 3140005                    | F01 OWENSBORO                 | 73                       | 46     | 58  | 4260294 |

Table E-1 (continued). NITROGEN DIOXIDE DATA

METHOD: SALTZMAN COLORIMETRIC-4260211 AND 4260212, COULOMETRIC-4260213, CHEMILUMINESCENCE-4260214, NASN SODIUM ARSENITE-ORIFICE-4260284, NASN SODIUM ARSENITE-FRIT-4260294, TEA METHOD-4260295, TCS METHOD-4260296

| AIR QUALITY CONTROL REGION                                     | YEAR NO. OF VALU                   | HIGHEST 24-HR VALUES UG/CU.M. | ANNUAL RATIO TO ARITH. MEAN UG/CU.M. | METHOD  |
|--|------------------------------------|-------------------------------|--------------------------------------|---------|
| <b>077 EVANSVILLE-OWENSBORO-HERDERSON (IND-KY) (CONTINUED)</b> |                                    |                               |                                      |         |
| KENTUCKY   | 18 3140006 F01 OWENSBORO           | 73 45                         | 60                                   | 4260294 |
| KENTUCKY   | 18 3140008 F01 OWENSBORO           | 73 6,982                      | 291                                  | 4260211 |
| KENTUCKY   | 18 3140008 F01 OWENSBORO           | 73 46                         | 104                                  | 4260294 |
| **PRIORITY 3 **  |                                    |                               |                                      |         |
| <b>078 LOUISVILLE (IND-KY)</b>                                 |                                    |                               |                                      |         |
| INDIANA  | 15 2980002 A01 NEW ALBANY          | 73 20                         | 38                                   | 4260294 |
| KENTUCKY   | 18 0430001 G01 BUECHEL             | 73 45                         | 123                                  | 4260294 |
| KENTUCKY   | 18 1920013 G01 JEFFERSON COUNTY    | 73 36                         | 92                                   | 4260294 |
| KENTUCKY   | 18 2380002 A01 LOUISVILLE          | 73 17                         | 190                                  | 4260294 |
| KENTUCKY   | 18 2380004 G01 LOUISVILLE          | 73 39                         | 149                                  | 4260294 |
| KENTUCKY   | 18 2380007 G01 LOUISVILLE          | 73 39                         | 135                                  | 4260294 |
| KENTUCKY   | 18 2380009 G01 LOUISVILLE          | 73 42                         | 100                                  | 4260294 |
| KENTUCKY   | 18 2380011 G01 LOUISVILLE          | 73 8,249                      | 227                                  | 4260214 |
| KENTUCKY   | 18 2380011 G01 LOUISVILLE          | 73 43                         | 202                                  | 4260294 |
| KENTUCKY   | 18 2380014 G01 LOUISVILLE          | 73 41                         | 189                                  | 4260294 |
| KENTUCKY   | 18 2380015 G01 LOUISVILLE          | 73 46                         | 111                                  | 4260294 |
| KENTUCKY   | 18 2380018 G01 LOUISVILLE          | 73 13                         | 132                                  | 4260294 |
| KENTUCKY   | 18 2380019 G01 LOUISVILLE          | 73 39                         | 164                                  | 4260294 |
| KENTUCKY   | 18 2380020 G01 LOUISVILLE          | 73 7                          | 94                                   | 4260294 |
| KENTUCKY   | 18 2380021 G01 LOUISVILLE          | 73 15                         | 55                                   | 4260294 |
| KENTUCKY   | 18 3090001 G01 OKOLONA             | 73 41                         | 133                                  | 4260294 |
| KENTUCKY   | 18 3360001 G01 PLEASURE RIDGE PARK | 73 39                         | 94                                   | 4260294 |
| KENTUCKY   | 18 3420005 G01 ST. MATTHEWS        | 73 5,082                      | 137                                  | 4260211 |
| KENTUCKY   | 18 3720001 G01 SHIVELY             | 73 43                         | 162                                  | 4260294 |
| **PRIORITY 3 **  |                                    |                               |                                      |         |
| <b>079 METROPOLITAN CINCINNATI (IND-KY-OHIO)</b>               |                                    |                               |                                      |         |
| KENTUCKY   | 18 0030001 F01 ALEXANDRIA          | 73 44                         | 30                                   | 4260294 |
| KENTUCKY   | 18 0280001 F01 BOONE COUNTY        | 73 46                         | 43                                   | 4260294 |
| KENTUCKY   | 18 0280002 F01 BOONE COUNTY        | 73 46                         | 52                                   | 4260294 |
| KENTUCKY   | 18 0580001 F03 CARROLL COUNTY      | 73 45                         | 31                                   | 4260294 |
| KENTUCKY   | 18 0600001 F01 CARROLLTON          | 73 42                         | 35                                   | 4260294 |
| KENTUCKY   | 18 0800001 A01 COVINGTON           | 73 17                         | 93                                   | 4260294 |
| KENTUCKY   | 18 0800002 F01 COVINGTON           | 73 45                         | 88                                   | 4260294 |
| KENTUCKY   | 18 1100001 F01 ERLANGER            | 73 45                         | 77                                   | 4260294 |
| KENTUCKY   | 18 1140001 F01 FALMOUTH            | 73 45                         | 50                                   | 4260294 |
| KENTUCKY   | 18 1220001 F01 FLORENCE            | 73 45                         | 57                                   | 4260294 |
| KENTUCKY   | 18 1255001 F01 FORT MITCHELL       | 73 23                         | 38                                   | 4260294 |
| KENTUCKY   | 18 1255002 F01 FORT MITCHELL       | 73 14                         | 17                                   | 4260294 |
| KENTUCKY   | 18 1260001 F01 FORT THOMAS         | 73 46                         | 71                                   | 4260294 |
| KENTUCKY   | 18 1380001 F03 GALLATIN COUNTY     | 73 43                         | 30                                   | 4260294 |



Table E-1 (continued). NITROGEN DIOXIDE DATA

METHOD: SALTZMAN COLORIMETRIC-4260211 AND 4260212, COULOMETRIC-4260213, CHEMILUMINESCENCE-4260214, NASN SODIUM ARSENITE-ORIFICE-4260284, NASN SODIUM ARSENITE-FRIT-4260294, TEA METHOD-4260295, TCS METHOD-4260296

| AIR QUALITY CONTROL REGION                                   | YEAR NO. OF VALID 19-- VALUES | HIGHEST 24-HR VALUES UG/CU.M. | ANNUAL RATIO TO ANN. STD UG/CU.M. | METHOD  |
|--|-------------------------------|-------------------------------|-----------------------------------|---------|
| <b>079 METROPOLITAN CINCINNATI (IND-KY-OHIO) (CONTINUED)</b> |                               |                               |                                   |         |
| KENTUCKY   | 73 7,789                      | 149                           | .63                               | 4260211 |
| KENTUCKY   | 73                            | 44                            |                                   | 4260294 |
| KENTUCKY   | 73                            | 44                            |                                   | 4260294 |
| OHIO   | 73                            | 19                            |                                   | 4260294 |
| OHIO   | 73                            | 11                            |                                   | 4260294 |
| <b>080 METROPOLITAN INDIANAPOLIS (IND)</b>                   |                               |                               |                                   |         |
| INDIANA  | 73                            | 20                            |                                   | 4260294 |
| <b>081 NORTHWEST INDIANA</b>                                 |                               |                               |                                   |         |
| INDIANA  | 73                            | 22                            |                                   | 4260294 |
| <b>082 SOUTH BEND-ELKHART-BENTON HARBOR (IND.-MICH)</b>      |                               |                               |                                   |         |
| INDIAN   | 73                            | 20                            |                                   | 4260294 |
| <b>083 SOUTHERN INDIANA</b>                                  |                               |                               |                                   |         |
| INDIANA  | 73                            | 17                            |                                   | 4260294 |
| <b>085 METROPOLITAN OMAHA-COUNCIL BLUFFS (IOWA-NEB.)</b>     |                               |                               |                                   |         |
| IOWA   | 73                            | 25                            |                                   | 4260294 |
| IOWA   | 73                            | 25                            |                                   | 4260294 |
| NEBRASKA   | 73                            | 21                            |                                   | 4260294 |
| NEBRASKA   | 73                            | 5                             |                                   | 4260294 |
| <b>092 SOUTH CENTRAL IOWA</b>                                |                               |                               |                                   |         |
| IOWA   | 73                            | 21                            |                                   | 4260294 |
| IOWA   | 73                            | 12                            |                                   | 4260294 |
| IOWA   | 73                            | 13                            |                                   | 4260294 |
| IOWA   | 73                            | 13                            |                                   | 4260294 |
| IOWA   | 73                            | 12                            |                                   | 4260294 |
| IOWA   | 73                            | 13                            |                                   | 4260294 |
| <b>094 METROPOLITAN KANSAS CITY (KAN-MO)</b>                 |                               |                               |                                   |         |
| KANSAS   | 73                            | 19                            |                                   | 4260294 |
| KANSAS   | 73                            | 5                             |                                   | 4260294 |

Table E-1 (continued). NITROGEN DIOXIDE DATA

METHOD: SALTZMAN COLORIMETRIC-4260211 AND 4260212, COULOMETRIC-4260213, CHEMILUMINESCENCE-4260214, NASN SODIUM ARSENITE-ORIFICE-4260284, NASN SODIUM ARSENITE-FRIT-4260294, TEA METHOD-4260295, TCS METHOD-4260296

| AIR QUALITY CONTROL REGION                               | YEAR NO. OF VALID VALUES       | HIGHEST 24-HR VALUES UG/CU.M. | A N M U A L RATIO TO ANN. STD | METHOD  |
|--|--------------------------------|-------------------------------|-------------------------------|---------|
| <b>094 METROPOLITAN KANSAS CITY (KAN-MO) (CONTINUED)</b> |                                |                               |                               |         |
| KANSAS   | 17 1980002 F01 LEAVENWORTH     | 73 3,618                      | 89                            | 4260213 |
| KANSAS   | 17 2660001 F01 OLATHE          | 73 3,079                      | 123                           | 4260213 |
| MISSOURI   | 26 2180001 H01 INDEPENDENCE    | 73 8                          | 74                            | 4260284 |
| MISSOURI   | 26 2380002 A01 KANSAS          | 73 18                         | 139                           | 4260294 |
| MISSOURI   | 26 2380003 H01 KANSAS CITY     | 73 10                         | 64                            | 4260284 |
| MISSOURI   | 26 2380018 H01 KANSAS CITY     | 73 5,464                      | 71                            | 4260211 |
| MISSOURI   | 26 2380018 H01 KANSAS CITY     | 73 10                         | 64                            | 4260284 |
| MISSOURI   | 26 2380022 H01 KANSAS CITY     | 73 10                         | 84                            | 4260284 |
| <b>095 NORTHEAST KANSAS</b>                              |                                |                               |                               |         |
| KANSAS   | 17 3560001 A01 TOPEKA          | 73 19                         | 92                            | 4260294 |
| KANSAS   | 17 3560001 F01 TOPEKA          | 73 5                          | 95                            | 4260294 |
| KANSAS   | 17 3560005 F01 TOPEKA          | 73 4,467                      | 100                           | 4260213 |
| <b>099 SOUTH CENTRAL KANSAS</b>                          |                                |                               |                               |         |
| KANSAS   | 17 3740001 A01 WICHITA         | 73 16                         | 89                            | 4260294 |
| KANSAS   | 17 3740001 F01 WICHITA         | 73 5                          | 140                           | 4260294 |
| KANSAS   | 17 3740010 F01 WICHITA         | 73 4,077                      | 143                           | 4260213 |
| <b>101 APPALACHIAN (KY)</b>                              |                                |                               |                               |         |
| KENTUCKY   | 18 0780001 F01 CORBIN          | 73 37                         | 47                            | 4260294 |
| KENTUCKY   | 18 2360001 F01 LONDON KY       | 73 10                         | 31                            | 4260294 |
| KENTUCKY   | 18 2360002 F01 LONDON          | 73 28                         | 44                            | 4260294 |
| KENTUCKY   | 18 3320001 F01 PIKEVILLE       | 73 42                         | 98                            | 4260294 |
| KENTUCKY   | 18 3400001 F01 PRESTONSBURG    | 73 45                         | 40                            | 4260294 |
| <b>102 BLUEGRASS (KY)</b>                                |                                |                               |                               |         |
| KENTUCKY   | 18 0260001 F01 BEEBA           | 73 42                         | 52                            | 4260294 |
| KENTUCKY   | 18 0900003 F01 DANVILLE        | 73 35                         | 40                            | 4260294 |
| KENTUCKY   | 18 1280002 F01 FRANKFORT       | 73 46                         | 41                            | 4260294 |
| KENTUCKY   | 18 1320001 F03 FRANKLIN COUNTY | 73 44                         | 14                            | 4260294 |
| KENTUCKY   | 18 2300001 A01 LEXINGTON       | 73 12                         | 158                           | 4260294 |
| KENTUCKY   | 18 2300003 F01 LEXINGTON       | 73 44                         | 51                            | 4260294 |
| KENTUCKY   | 18 2300004 F01 LEXINGTON       | 73 32                         | 44                            | 4260294 |
| KENTUCKY   | 18 2300005 F01 LEXINGTON       | 73 33                         | 57                            | 4260294 |
| KENTUCKY   | 18 2300006 F01 LEXINGTON       | 73 16                         | 64                            | 4260294 |
| KENTUCKY   | 18 3900001 F01 RICHMOND        | 73 45                         | 54                            | 4260294 |
| KENTUCKY   | 18 4100001 F01 WINCHESTER      | 73 43                         | 44                            | 4260294 |

Table E-1 (continued). NITROGEN DIOXIDE DATA

METHOD: SALTZMAN COLORIMETRIC-4260211 AND 4260212, COULOMETRIC-4260213, CHEMILUMINESCENCE-4260214, NASN SODIUM ARSENITE-ORIFICE-4260284, NASN SODIUM ARSENITE-FRIT-4260294, TEA METHOD-4260295, TGS METHOD-4260296

| AIR QUALITY CONTROL REGION                                   | YEAR NO. OF VALID VALUES       | HIGHEST 24-HR VALUES UG/CU.M. | A N M I J A L RATIO TO ANN. STD | METHOD |         |
|--|--------------------------------|-------------------------------|---------------------------------|--------|---------|
|  |                                |                               |                                 |        | 19--    |
| <b>103 HUNTINGTON-ASHLAND-PORTSMOUTH-IRONTON (KY-OH-W.V)</b> |                                |                               |                                 |        |         |
|  | ** PRIORITY 3 **               |                               |                                 |        |         |
| KENTUCKY   | 18 0080003 F01 ASHLAND         | 73                            | 46                              | 59     | 4260294 |
| KENTUCKY   | 18 0080005 F01 ASHLAND         | 73                            | 46                              | 61     | 4260294 |
| KENTUCKY   | 18 0080006 F01 ASHLAND         | 73                            | 44                              | 68     | 4260294 |
| KENTUCKY   | 18 0080007 F01 ASHLAND         | 73                            | 31                              | 44     | 4260294 |
| KENTUCKY   | 18 0080008 F01 ASHLAND         | 73                            | 3,383                           | 189    | 4260211 |
| KENTUCKY   | 18 0080008 F01 ASHLAND         | 73                            | 46                              | 78     | 4260294 |
| KENTUCKY   | 18 0620001 F01 CARTER COUNTY   | 73                            | 14                              | 39     | 4260294 |
| KENTUCKY   | 18 0660001 F01 CATLETTSBURG    | 73                            | 43                              | 62     | 4260294 |
| KENTUCKY   | 18 1540001 F01 GREENUP COUNTY  | 73                            | 46                              | 54     | 4260294 |
| KENTUCKY   | 18 1540002 F01 GREENUP COUNTY  | 73                            | 22                              | 52     | 4260294 |
| KENTUCKY   | 18 2140001 F01 LAWRENCE COUNTY | 73                            | 27                              | 40     | 4260294 |
| KENTUCKY   | 18 2680004 F01 HAYSVILLE       | 73                            | 44                              | 45     | 4260294 |
| KENTUCKY   | 18 2880001 F01 MOREHEAD        | 73                            | 43                              | 29     | 4260294 |
| <b>104 NORTH CENTRAL KENTUCKY</b>                            |                                |                               |                                 |        |         |
|  | ** PRIORITY 3 **               |                               |                                 |        |         |
| KENTUCKY   | 18 0140001 F01 BARDSTOWN       | 73                            | 31                              | 24     | 4260294 |
| KENTUCKY   | 18 1040002 F01 ELIZABETHTOWN   | 73                            | 44                              | 40     | 4260294 |
| KENTUCKY   | 18 1040003 F01 ELIZABETHTOWN   | 73                            | 34                              | 108    | 4260294 |
| KENTUCKY   | 18 2220001 F01 LEITCHFIELD     | 73                            | 33                              | 25     | 4260294 |
| KENTUCKY   | 18 3100002 F01 OLDMHAM COUNTY  | 73                            | 39                              | 32     | 4260294 |
| KENTUCKY   | 18 3700001 F01 SHELBYVILLE     | 73                            | 32                              | 65     | 4260294 |
| KENTUCKY   | 18 3710001 F01 SHEPHERDSVILLE  | 73                            | 32                              | 39     | 4260294 |
| <b>105 SOUTH CENTRAL KENTUCKY</b>                            |                                |                               |                                 |        |         |
|  | ** PRIORITY 3 **               |                               |                                 |        |         |
| KENTUCKY   | 18 0320001 A01 BOWLING GREEN   | 73                            | 17                              | 73     | 4260294 |
| KENTUCKY   | 18 0320004 F01 BOWLING GREEN   | 73                            | 28                              | 75     | 4260294 |
| KENTUCKY   | 18 0320005 F01 BOWLING GREEN   | 73                            | 18                              | 54     | 4260294 |
| KENTUCKY   | 18 1300001 F01 FRANKLIN        | 73                            | 10                              | 40     | 4260294 |
| KENTUCKY   | 18 1440001 F01 GLASGOW         | 73                            | 19                              | 35     | 4260294 |
| KENTUCKY   | 18 3600002 F01 RUSSELLVILLE    | 73                            | 17                              | 21     | 4260294 |
| KENTUCKY   | 18 3760002 F01 SOMERSET        | 73                            | 19                              | 52     | 4260294 |
| <b>106 SOUTHERN LOUISIANA-SOUTHEAST TEXAS (LA.-TEX.)</b>     |                                |                               |                                 |        |         |
|  | ** PRIORITY 3 **               |                               |                                 |        |         |
| LOUISIANA  | 19 0280001 A01 BATON ROUGE     | 73                            | 20                              | 100    | 4260294 |
| LOUISIANA  | 19 2020002 A01 NEW ORLEANS     | 73                            | 22                              | 142    | 4260294 |
| TEXAS  | 45 0330001 A01 BEAUMONT        | 73                            | 22                              | 80     | 4260294 |

Table E-1 (continued): NITROGEN DIOXIDE DATA

METHOD: SALTZMAN COLORIMETRIC-4260211 AND 4260212, COULOMETRIC-4260213, CHEMILUMINESCENCE-4260214, NASN SODIUM ARSENITE-ORIFICE-4260284, NASN SODIUM ARSENITE-FRIT-4260294, TEA METHOD-4260295, TGS METHOD-4260296

| AIR QUALITY CONTROL REGION               | YEAR NO. OF VALID 19-- VALUES | HIGHEST 24-HR VALUES UG/CU.M. | ANN. STD UG/CU.M.        | A N N U A L RATIO TO MEAN | METHOD  |
|--|-------------------------------|-------------------------------|--------------------------|---------------------------|---------|
| <b>107 ANDROSCOGGIN VALLEY (ME-N.H.)</b> |                               |                               |                          |                           |         |
| NEW HAMPSHIRE                            | 30                            | 0140001                       | A03 COOS COUNTY          | 73 6 22                   | 4260294 |
| <b>109 DOWN EAST (ME)</b>                |                               |                               |                          |                           |         |
| MAINE                                    | 20                            | 0010001                       | A03 ACADIA NATIONAL PARK | 73 7 19                   | 4260294 |
| <b>110 METROPOLITAN PORTLAND (ME)</b>    |                               |                               |                          |                           |         |
| MAINE                                    | 20                            | 0960002                       | F01 PORTLAND             | 73 3,975 260              | 4260211 |
| <b>112 CENTRAL MARYLAND</b>              |                               |                               |                          |                           |         |
| MARYLAND                                 | 21                            | 0720001                       | F01 FREDERICK            | 73 12 132                 | 4260294 |
| MARYLAND                                 | 21                            | 0720003                       | G01 FREDERICK            | 73 12 57                  | 4260294 |
| MARYLAND                                 | 21                            | 0720004                       | G01 FREDERICK            | 73 12 62                  | 4260294 |
| MARYLAND                                 | 21                            | 0740021                       | F01 FREDERICK COUNTY     | 73 13 27                  | 4260294 |
| MARYLAND                                 | 21                            | 0740022                       | G01 FREDERICK COUNTY     | 73 13 44                  | 4260294 |
| MARYLAND                                 | 21                            | 0740023                       | G01 FREDERICK COUNTY     | 73 11 38                  | 4260294 |
| MARYLAND                                 | 21                            | 0740024                       | G01 FREDERICK COUNTY     | 73 13 122                 | 4260294 |
| <b>113 CUMBERLAND-KEYSER (MD-N. VA.)</b> |                               |                               |                          |                           |         |
| MARYLAND                                 | 21                            | 0040002                       | G01 ALLEGANY COUNTY      | 73 12 80                  | 4260294 |
| MARYLAND                                 | 21                            | 0560001                       | G01 CUMBERLAND           | 73 13 98                  | 4260294 |
| MARYLAND                                 | 21                            | 0800001                       | F01 GARRETT COUNTY       | 73 13 32                  | 4260294 |
| MARYLAND                                 | 21                            | 0800003                       | F03 GARRETT COUNTY       | 73 11 25                  | 4260294 |
| MARYLAND                                 | 21                            | 0860002                       | F01 HAGERSTOWN           | 73 13 32                  | 4260294 |
| MARYLAND                                 | 21                            | 1700003                       | F01 WESTERNPORT          | 73 12 30                  | 4260294 |
| <b>114 EASTERN SHORE (MD)</b>            |                               |                               |                          |                           |         |
| MARYLAND                                 | 21                            | 0300001                       | F01 CAMBRIDGE            | 73 13 56                  | 4260294 |
| MARYLAND                                 | 21                            | 0600001                       | F02 DORCHESTER COUNTY    | 73 8 46                   | 4260294 |
| MARYLAND                                 | 21                            | 0660001                       | F01 ELKTON               | 73 13 84                  | 4260294 |
| MARYLAND                                 | 21                            | 1420002                       | F01 SALISBURY            | 73 13 60                  | 4260294 |
| MARYLAND                                 | 21                            | 1740001                       | F03 WICOMOCO COUNTY      | 73 13 23                  | 4260294 |
| <b>115 METROPOLITAN BALTIMORE (MD)</b>   |                               |                               |                          |                           |         |
| MARYLAND                                 | 21                            | 0080002                       | G01 ANNE ARUNDEL COUNTY  | 73 13 48                  | 4260294 |
| MARYLAND                                 | 21                            | 0080006                       | G01 ANNE ARUNDEL COUNTY  | 73 13 111                 | 4260294 |
| MARYLAND                                 | 21                            | 0080008                       | G01 ANNE ARUNDEL COUNTY  | 73 13 99                  | 4260294 |

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Table E-1 (continued) NITROGEN DIOXIDE DATA

METHOD: SALTZMAN COLORIMETRIC-4260211 AND 4260212, COULOMETRIC-4260213, CHEMILUMINESCENCE-4260214, NASN SODIUM ARSENITE-ORIFICE-4260284, NASN SODIUM ARSENITE-FRIT-4260294, TEA METHOD-4260295, TCS METHOD-4260296

| AIR QUALITY CONTROL REGION | METROPOLITAN BALTIMORE (MD) (CONTINUED)     | YEAR NO. OF VALID VALUES | HIGHEST 24-HR VALUES UG/CU.M. | A N N U A L RATIO TO ANN. STD | METHOD  |
|----------------------------|---|--------------------------|-------------------------------|-------------------------------|---------|
|                            |   |                          |                               |                               |         |
|                            | 115 METROPOLITAN BALTIMORE (MD) (CONTINUED) |                          | ** PRIORITY 1 **              |                               |         |
| MARYLAND                   | 21 0120001 A01 BALTIMORE                    | 73 21                    | 168                           |                               | 4260294 |
| MARYLAND                   | 21 0120015 F01 BALTIMORE                    | 73 13                    | 180                           |                               | 4260294 |
| MARYLAND                   | 21 0120016 F01 BALTIMORE                    | 73 12                    | 174                           |                               | 4260294 |
| MARYLAND                   | 21 0120018 F01 BALTIMORE CITY               | 73 5,246                 | 336                           |                               | 4260211 |
| MARYLAND                   | 21 0120019 F01 BALTIMORE CITY               | 73 11                    | 189                           |                               | 4260294 |
| MARYLAND                   | 21 0120019 F01 BALTIMORE                    | 73 5,170                 | 377                           |                               | 4260211 |
| MARYLAND                   | 21 0120020 K05 BALTIMORE                    | 73 13                    | 58                            |                               | 4260294 |
| MARYLAND                   | 21 0120021 G01 BALTIMORE COUNTY             | 73 12                    | 88                            |                               | 4260294 |
| MARYLAND                   | 21 0140004 G01 BALTIMORE COUNTY             | 73 7                     | 126                           |                               | 4260294 |
| MARYLAND                   | 21 0180001 F01 BEL AIR                      | 73 13                    | 19                            |                               | 4260294 |
| MARYLAND                   | 21 0500001 G01 COCKEYSVILLE                 | 73 8                     | 117                           |                               | 4260294 |
| MARYLAND                   | 21 0620001 F01 DUNDALK                      | 73 13                    | 140                           |                               | 4260294 |
| MARYLAND                   | 21 0920002 F01 HARFORD COUNTY               | 73 13                    | 36                            |                               | 4260294 |
| MARYLAND                   | 21 0960003 F01 HOWARD COUNTY                | 73 10                    | 38                            |                               | 4260294 |
| MARYLAND                   | 21 1040001 F01 LANSDOWNE                    | 73 13                    | 150                           |                               | 4260294 |
| MARYLAND                   | 21 1720002 F01 WESTMINSTER                  | 73 12                    | 35                            |                               | 4260294 |
|                            | 116 SOMERSET MARYLAND                       |                          | ** PRIORITY 3 **              |                               |         |
| MARYLAND                   | 21 0280001 A03 CALVERT COUNTY               | 73 12                    | 60                            |                               | 4260294 |
| MARYLAND                   | 21 0280002 F01 CALVERT COUNTY               | 73 13                    | 22                            |                               | 4260294 |
| MARYLAND                   | 21 0440001 F01 CHARLES COUNTY               | 73 13                    | 30                            |                               | 4260294 |
| MARYLAND                   | 21 1400001 F01 ST MARYS COUNTY              | 73 11                    | 31                            |                               | 4260294 |
|                            | 119 METROPOLITAN BOSTON (MASS)              |                          | ** PRIORITY 3 **              |                               |         |
| MASSACHUSETTS              | 22 2640001 A01 WORCESTER                    | 73 7                     | 108                           |                               | 4260294 |
|                            | 120 METROPOLITAN PROVIDENCE (MASS-R.I.)     |                          | ** PRIORITY 3 **              |                               |         |
| MASSACHUSETTS              | 22 1500001 A01 NEW BEDFORD                  | 73 6                     | 35                            |                               | 4260294 |
| RHODE ISLAND               | 41 0300001 A01 PROVIDENCE                   | 73 6                     | 108                           |                               | 4260294 |
| RHODE ISLAND               | 41 0300005 F01 PROVIDENCE                   | 73 5,432                 | 163                           |                               | 4260212 |
| RHODE ISLAND               | 41 0300007 F01 PROVIDENCE                   | 73 5,941                 | 140                           |                               | 4260212 |
| RHODE ISLAND               | 41 0380002 A03 WASHINGTON COUNTY            | 73 8                     | 39                            |                               | 4260294 |
|                            | 122 CENTRAL MICHIGAN                        |                          | ** PRIORITY 3 **              |                               |         |
| MICHIGAN                   | 23 1580001 A01 FLINT                        | 73 23                    | 125                           |                               | 4260294 |
| MICHIGAN                   | 23 1820001 A01 GRAND RAPIDS                 | 73 23                    | 89                            |                               | 4260294 |
| MICHIGAN                   | 23 1820002 H01 GRAND RAPIDS MICH            | 73 3,819                 | 169                           |                               | 4260211 |

Table E-1 (continued). NITROGEN DIOXIDE DATA

METHOD: SALTZMAN COLORIMETRIC-4260211 AND 4260212, COULOMETRIC-4260213, CHEMILUMINESCENCE-4260214, NASN SODIUM ARSENITE-ORIFICE-4260284, NASN SODIUM ARSENITE-FRIT-4260294, TEA METHOD-4260295, TGS METHOD-4260296

| AIR QUALITY CONTROL REGION                    | YEAR NO. OF VALID VALUES | HIGHEST 24-HR VALUES UG/CU.M. | ANNUAL RATIO TO ANN. STD | METHOD  |
|---|--------------------------|-------------------------------|--------------------------|---------|
| 122 CENTRAL MICHIGAN (CONTINUED)              |                          |                               |                          |         |
| MICHIGAN                                      | 73                       | 23                            | 194                      | 4260294 |
| MICHIGAN                                      | 73                       | 5,313                         | 262                      | 4260211 |
| 123 METROPOLITAN DETROIT-PORT HURON (MICH)    |                          |                               |                          |         |
| MICHIGAN                                      | 73                       | 21                            | 108                      | 4260294 |
| MICHIGAN                                      | 73                       | 21                            | 170                      | 4260294 |
| MICHIGAN                                      | 73                       | 5,992                         | 163                      | 4260211 |
| 124 METROPOLITAN TOLEDO (MICH-OHIO)           |                          |                               |                          |         |
| MICHIGAN                                      | 73                       | 2,719                         | 208                      | 4260211 |
| OHIO  | 73                       | 25                            | 97                       | 4260294 |
| 125 SOUTH CENTRAL MICHIGAN                    |                          |                               |                          |         |
| MICHIGAN                                      | 73                       | 18                            | 114                      | 4260294 |
| MICHIGAN                                      | 73                       | 5,270                         | 248                      | 4260211 |
| 126 SOUTHEAST MINNESOTA-LA CROSSE (MINN-WISC) |                          |                               |                          |         |
| MINNESOTA                                     | 73                       | 46                            | 35                       | 4260294 |
| 129 DULUTH-SUPERIOR (MINN-WISC)               |                          |                               |                          |         |
| MINNESOTA                                     | 73                       | 21                            | 76                       | 4260294 |
| MINNESOTA                                     | 73                       | 21                            | 71                       | 4260294 |
| 131 MINNEAPOLIS-ST. PAUL (MINN)               |                          |                               |                          |         |
| MINNESOTA                                     | 73                       | 34                            | 176                      | 4260294 |
| MINNESOTA                                     | 73                       | 10                            | 75                       | 4260294 |
| MINNESOTA                                     | 73                       | 20                            | 85                       | 4260294 |
| MINNESOTA                                     | 73                       | 19                            | 93                       | 4260294 |
| MINNESOTA                                     | 73                       | 19                            | 110                      | 4260294 |
| MINNESOTA                                     | 73                       | 20                            | 114                      | 4260294 |
| MINNESOTA                                     | 73                       | 20                            | 159                      | 4260294 |
| MINNESOTA                                     | 73                       | 2,984                         | 126                      | 4260213 |
| MINNESOTA                                     | 73                       | 22                            | 131                      | 4260294 |
| MINNESOTA                                     | 73                       | 8                             | 86                       | 4260294 |
| MINNESOTA                                     | 73                       | 43                            | 150                      | 4260294 |
| MINNESOTA                                     | 73                       | 43                            | 114                      | 4260294 |

122 CENTRAL MICHIGAN (CONTINUED)

123 METROPOLITAN DETROIT-PORT HURON (MICH)

124 METROPOLITAN TOLEDO (MICH-OHIO)

125 SOUTH CENTRAL MICHIGAN

126 SOUTHEAST MINNESOTA-LA CROSSE (MINN-WISC)

129 DULUTH-SUPERIOR (MINN-WISC)

131 MINNEAPOLIS-ST. PAUL (MINN)

Table E-1 (continued). NITROGEN DIOXIDE DATA

METHOD: SALTZMAN COLORIMETRIC-4260211 AND 4260212, COULOMETRIC-4260213, CHEMILUMINESCENCE-4260214, NASN SODIUM ARSENITE-ORIFICE-4260284, NASN SODIUM ARSENITE-FRIT-4260294, TEA METHOD-4260295, TGS METHOD-4260296

| AIR QUALITY CONTROL REGION                             | YEAR NO. OF VALID VALUES             | HIGHEST 24-HR VALUES UG/CU.M. | A N N U A L       |               | METHOD  |
|--|--------------------------------------|-------------------------------|-------------------|---------------|---------|
|  |                                      |                               | RATIO TO ANN. STD | MEAN UG/CU.M. |         |
| 131 MINNEAPOLIS-ST. PAUL (MINN.) (CONTINUED)           |                                      |                               |                   |               |         |
| MINNESOTA  | 24 3300001 A01 ST PAUL               | 73 18                         | 109               |               | 4260294 |
| MINNESOTA  | 24 3300001 H01 ST PAUL               | 73 46                         | 105               |               | 4260294 |
| MINNESOTA  | 24 3300003 H01 ST PAUL               | 73 46                         | 105               |               | 4260294 |
| MINNESOTA  | 24 3300013 H01 ST PAUL               | 73 45                         | 65                |               | 4260294 |
| MINNESOTA  | 24 3300018 H01 ST PAUL               | 73 46                         | 56                |               | 4260294 |
| MINNESOTA  | 24 3300021 H01 ST PAUL               | 73 46                         | 84                |               | 4260294 |
| MINNESOTA  | 24 3300030 H01 ST PAUL               | 73 42                         | 99                |               | 4260294 |
| MINNESOTA  | 24 3320004 F02 ST PAUL PARK          | 73 40                         | 67                |               | 4260294 |
| 136 NORTHERN PIEDMONT (N.C.)                           |                                      |                               |                   |               |         |
| ** PRIORITY 3 **                                       |                                      |                               |                   |               |         |
| NORTH CAROLINA   | 34 1740001 A01 GREENSBORO            | 73 23                         | 104               |               | 4260294 |
| 139 SOUTHWEST MISSOURI                                 |                                      |                               |                   |               |         |
| ** PRIORITY 3 **                                       |                                      |                               |                   |               |         |
| MISSOURI   | 26 4480002 A03 SHANNON COUNTY        | 73 20                         | 95                |               | 4260294 |
| MISSOURI   | 26 4480002 P03 SHANNON COUNTY        | 73 5                          | 113               |               | 4260294 |
| 141 GREAT FALLS (MONT)                                 |                                      |                               |                   |               |         |
| ** PRIORITY 3 **                                       |                                      |                               |                   |               |         |
| MONTANA  | 27 0570001 A03 GLACIER NATIONAL PARK | 73 18                         | 71                |               | 4260294 |
| 145 LINCOLN-BEATRICE-FAIRBURY (NEB)                    |                                      |                               |                   |               |         |
| ** PRIORITY 3 **                                       |                                      |                               |                   |               |         |
| NEBRASKA   | 28 1560002 A01 LINCOLN               | 73 19                         | 73                |               | 4260294 |
| 146 NEBRASKA (REMAINDER)                               |                                      |                               |                   |               |         |
| ** PRIORITY 3 **                                       |                                      |                               |                   |               |         |
| NEBRASKA   | 28 2480001 A03 THOMAS COUNTY         | 73 16                         | 38                |               | 4260294 |
| 148 NORTHWEST NEVADA                                   |                                      |                               |                   |               |         |
| ** PRIORITY 3 **                                       |                                      |                               |                   |               |         |
| NEVADA   | 29 0480005 I01 RENO                  | 73 8,505                      | 212               | .63           | 4260213 |
| 151 NORTHEAST PENNSYLVANIA-UPPER DEL. VAL. (PENN-N.J.) |                                      |                               |                   |               |         |
| ** PRIORITY 3 **                                       |                                      |                               |                   |               |         |
| NEW JERSEY   | 31 4240002 F01 PHILLIPSBURG          | 73 7,769                      | 137               | .64           | 4260212 |
| PENNSYLVANIA   | 39 0120001 A01 ALLENTOWN             | 73 25                         | 146               |               | 4260294 |
| PENNSYLVANIA   | 39 7620001 A01 READING               | 73 11                         | 100               |               | 4260294 |
| PENNSYLVANIA   | 39 8040001 A01 SCRANTON              | 73 22                         | 104               |               | 4260294 |

Table E-1 (continued). NITROGEN DIOXIDE DATA

METHOD: SALTZMAN COLORIMETRIC-4260211 AND 4260212, COULOMETRIC-4260213, CHEMILUMINESCENCE-4260214, NASN SODIUM ARSENITE-ORIFICE-4260284, NASN SODIUM ARSENITE-FRIT-4260294, TEA METHOD-4260295, TCS METHOD-4260296

| AIR QUALITY CONTROL REGION                            | YEAR NO. OF VALID VALUES | HIGHEST 24-HR VALUES UG/CU.M. | ANNUAL RATIO TO ANN. STD UG/CU.M. | METHOD  |
|---|--------------------------|-------------------------------|-----------------------------------|---------|
| <b>159 EL PASO-LAS CRUCES-ALAMAGORDO (N. MEX-TEX)</b> |                          |                               |                                   |         |
| TEXAS   | 45                       | 1700002                       | A01 EL PASO                       | 4260294 |
| <b>158 CENTRAL NEW YORK</b>                           |                          |                               |                                   |         |
| NEW YORK  | 33                       | 3340001                       | A03 JEFFERSON COUNTY              | 4260294 |
| NEW YORK  | 33                       | 6620001                       | A01 SYRACUSE                      | 4260294 |
| NEW YORK  | 33                       | 6620003                       | F01 SYRACUSE                      | 4260211 |
| NEW YORK  | 33                       | 6620011                       | F01 SYRACUSE                      | 4260211 |
| NEW YORK  | 33                       | 6880001                       | A01 UTICA                         | 4260294 |
| NEW YORK  | 33                       | 6880004                       | F01 UTICA                         | 4260211 |
| <b>159 CHAMPLAIN VALLEY (N.Y.-VT)</b>                 |                          |                               |                                   |         |
| NEW YORK  | 33                       | 2480003                       | F01 GLENS FALLS                   | 4260211 |
| <b>160 GENESSEE-FINGER LAKES (N.Y.)</b>               |                          |                               |                                   |         |
| NEW YORK  | 33                       | 5760001                       | A01 ROCHESTER                     | 4260294 |
| NEW YORK  | 33                       | 5760004                       | F01 ROCHESTER (C)                 | 4260211 |
| <b>161 HUDSON VALLEY (N.Y.)</b>                       |                          |                               |                                   |         |
| NEW YORK  | 33                       | 0040001                       | A01 ALBANY                        | 4260294 |
| NEW YORK  | 33                       | 3500002                       | F01 KINGSTON                      | 4260211 |
| NEW YORK  | 33                       | 5680001                       | F01 REMSELAEER                    | 4260211 |
| NEW YORK  | 33                       | 6020003                       | F01 SCHENECTADY                   | 4260211 |
| <b>162 NIAGARA FRONTIER (N.Y.)</b>                    |                          |                               |                                   |         |
| NEW YORK  | 33                       | 8660001                       | A01 BUFFALO                       | 4260294 |
| NEW YORK  | 33                       | 0660005                       | F01 BUFFALO                       | 4260211 |
| NEW YORK  | 33                       | 4740001                       | A01 NIAGARA FALLS                 | 4260294 |
| NEW YORK  | 33                       | 4740006                       | F01 NIAGARA FALLS                 | 4260211 |
| <b>166 EAST-LAN PIEDMONT (N.C.)</b>                   |                          |                               |                                   |         |
| NORTH CAROLINA  | 34                       | 1160001                       | A01 DURHAM                        | 4260294 |
| <b>167 METROPOLITAN CHARLOTTE (N.C.-S.C.)</b>         |                          |                               |                                   |         |
| NORTH CAROLINA  | 34                       | 0700001                       | A01 CHARLOTTE                     | 4260294 |
| SOUTH CAROLINA  | 42                       | 1440001                       | F01 LANCASTER                     | 4260294 |



Table E-1 (continued) NITROGEN DIOXIDE DATA

METHOD: SALTZMAN COLORIMETRIC-4260211 AND 4260212, COULOMETRIC-4260213, CHEMILUMINESCENCE-4260214, NASN SODIUM ARSENITE-ORIFICE-4260284, NASN SODIUM ARSENITE-FRIT-4260294, TEA METHOD-4260295, TGS METHOD-4260296

| AIR QUALITY CONTROL REGION                         | YEAR | NO. OF VALID 19-- VALUES | HIGHEST 24--HR VALUES UG/CU-M. | A M N U A L RATIO TO ANN. STD | ARITH. MEAN UG/CU-M. | METHOD |     |         |
|--|------|--------------------------|--------------------------------|-------------------------------|----------------------|--------|-----|---------|
| 167 METROPOLITAN CHARLOTTE (N.C.-S.C.) (CONTINUED) |      |                          |                                |                               |                      |        |     |         |
| SOUTH CAROLINA                                     | 42   | 1920001                  | F01                            | ROCK HILL                     | 73                   | 31     | 94  | 4260294 |
| SOUTH CAROLINA                                     | 42   | 1920004                  | F01                            | ROCK HILL                     | 73                   | 24     | 116 | 4260294 |
| SOUTH CAROLINA                                     | 42   | 2420001                  | F01                            | YORK                          | 73                   | 52     | 110 | 4260294 |
| SOUTH CAROLINA                                     | 42   | 2440001                  | F01                            | YORK COUNTY                   | 73                   | 15     | 62  | 4260294 |
| SOUTH CAROLINA                                     | 42   | 2440001                  | F03                            | YORK COUNTY                   | 73                   | 16     | 70  | 4260294 |
| 168 <del>WESTERN</del> COASTAL PLAIN (N.C.)        |      |                          |                                |                               |                      |        |     |         |
| NORTH CAROLINA                                     | 34   | 0590001                  | A03                            | CAPE MATTERAS NAT SEA         | 73                   | 18     | 26  | 4260294 |
| 173 DAYTON (OHIO)                                  |      |                          |                                |                               |                      |        |     |         |
| OHIO   | 36   | 1660001                  | A01                            | DAYTON                        | 73                   | 20     | 133 | 4260294 |
| OHIO   | 36   | 1660019                  | G01                            | DAYTON                        | 73                   | 2,455  | 118 | 4260211 |
| 174 GREATER METROPOLITAN CLEVELAND (OHIO)          |      |                          |                                |                               |                      |        |     |         |
| OHIO   | 36   | 0060001                  | A01                            | AKRON                         | 73                   | 20     | 109 | 4260294 |
| OHIO   | 36   | 0060013                  | H01                            | AKRON                         | 73                   | 6,602  | 178 | 4260211 |
| OHIO   | 36   | 1000001                  | A01                            | CANTON                        | 73                   | 23     | 118 | 4260294 |
| OHIO   | 36   | 1300001                  | A01                            | CLEVELAND                     | 73                   | 13     | 126 | 4260294 |
| 178 METROPOLITAN COLUMBUS (OHIO)                   |      |                          |                                |                               |                      |        |     |         |
| OHIO   | 36   | 1460001                  | A01                            | COLUMBUS                      | 73                   | 10     | 97  | 4260294 |
| 179 NORTHWEST PENNSYLVANIA-YOUNGSTOWN (OHIO-PENN)  |      |                          |                                |                               |                      |        |     |         |
| OHIO   | 36   | 7760001                  | A01                            | YOUNGSTOWN                    | 73                   | 21     | 121 | 4260294 |
| PENNSYLVANIA                                       | 39   | 3060002                  | A01                            | ERIE                          | 73                   | 22     | 97  | 4260294 |
| 181 STEUBENVILLE-WEIRTON-WHEELING (OHIO-W.VA)      |      |                          |                                |                               |                      |        |     |         |
| OHIO   | 36   | 6420001                  | A01                            | STEUBENVILLE                  | 73                   | 18     | 124 | 4260294 |
| 184 CENTRAL OKLAHOMA                               |      |                          |                                |                               |                      |        |     |         |
| OKLAHOMA   | 37   | 2200015                  | A01                            | OKLAHOMA CITY                 | 73                   | 7      | 97  | 4260294 |
| OKLAHOMA   | 37   | 2200029                  | A01                            | OKLAHOMA CITY                 | 73                   | 14     | 205 | 4260294 |
| 186 NORTHEASTERN OKLAHOMA                          |      |                          |                                |                               |                      |        |     |         |
| OKLAHOMA   | 37   | 3000001                  | A01                            | TULSA                         | 73                   | 21     | 85  | 4260294 |

Table E-1 (continued). NITROGEN DIOXIDE DATA

METHOD: SALTZMAN COLORIMETRIC-4260211 AND 4260212, COULOMETRIC-4260213, CHEMILUMINESCENCE-4260214, NASN SODIUM ARSENITE-ORIFICE-4260284, NASN SODIUM ARSENITE-FRIT-4260294, TEA METHOD-4260295, TCS METHOD-4260296

| AIR QUALITY CONTROL REGION             | YEAR NO. OF VALID 19-- VALUES    | HIGHEST 24-HR VALUES UG/CU.M. | ANN. STD RATIO TO A N U A L | METHOD  |
|--|----------------------------------|-------------------------------|-----------------------------|---------|
|  |                                  |                               |                             |         |
| <b>193 PORTLAND (ORE-WASH)</b>         |                                  |                               |                             |         |
|  | ** PRIORITY 3 **                 |                               |                             |         |
| OREGON                                 | 38 1460001 A01 PORTLAND          | 73 16                         | 1324                        | 4260294 |
| OREGON                                 | 38 1460002 F01 PORTLAND          | 73 6,167                      | 134                         | 4260211 |
| <b>194 SOUTH CENTRAL PENNSYLVANIA</b>  |                                  |                               |                             |         |
| PENNSYLVANIA                           | 39 4660002 A01 LANCASTER         | 73 10                         | 89                          | 4260294 |
| PENNSYLVANIA                           | 39 9560002 A01 YORK              | 73 18                         | 160                         | 4260294 |
| <b>197 SEBASTIAN WEST PENNSYLVANIA</b> |                                  |                               |                             |         |
| PENNSYLVANIA                           | 39 4240002 A03 INDIANA COUNTY    | 73 12                         | 53                          | 4260294 |
| PENNSYLVANIA                           | 39 4240003 A05 INDIANA COUNTY    | 73 8                          | 39                          | 4260294 |
| PENNSYLVANIA                           | 39 7260001 A01 PITTSBURGH        | 73 20                         | 134                         | 4260294 |
| <b>198 CAMDEN-SUMPTER (S.C.)</b>       |                                  |                               |                             |         |
| SOUTH CAROLINA                         | 42 0500001 F01 CAMDEN            | 73 31                         | 108                         | 4260294 |
| SOUTH CAROLINA                         | 42 2120001 F01 SURTER            | 73 31                         | 120                         | 4260294 |
| <b>199 CHARLESTON (S.C.)</b>           |                                  |                               |                             |         |
| SOUTH CAROLINA                         | 42 0420001 F01 BERKLEY COUNTY    | 73 31                         | 120                         | 4260294 |
| SOUTH CAROLINA                         | 42 0540001 G01 CHARLESTON        | 73 34                         | 1506                        | 4260294 |
| SOUTH CAROLINA                         | 42 0560001 G01 CHARLESTON COUNTY | 73 26                         | 104                         | 4260294 |
| SOUTH CAROLINA                         | 42 0560010 G01 CHARLESTON COUNTY | 73 15                         | 183                         | 4260294 |
| SOUTH CAROLINA                         | 42 0560036 G01 CHARLESTON COUNTY | 73 26                         | 72                          | 4260294 |
| SOUTH CAROLINA                         | 42 0560037 G01 CHARLESTON COUNTY | 73 29                         | 194                         | 4260294 |
| <b>200 COLUMBIA (S.C.)</b>             |                                  |                               |                             |         |
| SOUTH CAROLINA                         | 42 0760003 H01 COLUMBIA          | 73 31                         | 56                          | 4260294 |
| SOUTH CAROLINA                         | 42 0760006 F01 COLUMBIA          | 73 31                         | 107                         | 4260294 |
| SOUTH CAROLINA                         | 42 1760001 F01 NEWBERRY          | 73 31                         | 92                          | 4260294 |
| SOUTH CAROLINA                         | 42 1900002 A03 RICHLAND COUNTY   | 73 25                         | 46                          | 4260294 |
| SOUTH CAROLINA                         | 42 1900002 F01 RICHLAND COUNTY   | 73 15                         | 105                         | 4260294 |
| SOUTH CAROLINA                         | 42 1900002 F03 RICHLAND COUNTY   | 73 16                         | 77                          | 4260294 |
| SOUTH CAROLINA                         | 42 1900003 F01 RICHLAND COUNTY   | 73 31                         | 86                          | 4260294 |
| SOUTH CAROLINA                         | 42 2260001 F01 WEST COLUMBIA     | 73 31                         | 68                          | 4260294 |
| <b>201 FLORENCE (S.C.)</b>             |                                  |                               |                             |         |
| SOUTH CAROLINA                         | 42 1020001 F01 FLORENCE          | 73 31                         | 40                          | 4260294 |

Table E-1 (continued). NITROGEN DIOXIDE DATA

METHOD: SALTZMAN COLORIMETRIC-4260211 AND 4260212, COULOMETRIC-4260213, CHEMILUMINESCENCE-4260214, NASN SODIUM ARSENITE-ORIFICE-4260284, NASN SODIUM ARSENITE-FRIT-4260294, TEA METHOD-4260295, TCS METHOD-4260296

| AIR QUALITY CONTROL REGION                                     | YEAR NO. OF VALID VALUES              | HIGHEST 24-HR VALUES UG/CU.M. | ANNUAL RATIO TO ANN. STD | METHOD  |
|--|---------------------------------------|-------------------------------|--------------------------|---------|
| <b>202 GREENVILLE-SPARTANBURG (S.C.)</b>                       |                                       |                               |                          |         |
| SOUTH CAROLINA   | 42 0180001 F01 ANDERSON               | 73 36                         | 873                      | 4260294 |
| SOUTH CAROLINA   | 42 0200001 F01 ANDERSON COUNTY        | 73 30                         | 1228                     | 4260294 |
| SOUTH CAROLINA   | 42 0200001 F03 ANDERSON COUNTY        | 73 16                         | .101                     | 4260294 |
| SOUTH CAROLINA   | 42 1180001 G01 GREENVILLE             | 73 31                         | 86                       | 4260294 |
| SOUTH CAROLINA   | 42 1180002 G01 GREENVILLE             | 73 31                         | 71                       | 4260294 |
| SOUTH CAROLINA   | 42 1200001 G01 GREENVILLE COUNTY      | 73 30                         | 58                       | 4260294 |
| SOUTH CAROLINA   | 42 1200003 G01 GREENVILLE COUNTY      | 73 15                         | 7                        | 4260294 |
| SOUTH CAROLINA   | 42 1200003 G03 GREENVILLE COUNTY      | 73 16                         | 35                       | 4260294 |
| SOUTH CAROLINA   | 42 1260001 G01 GREER                  | 73 31                         | 61                       | 4260294 |
| SOUTH CAROLINA   | 42 1875001 F01 PICKENS                | 73 31                         | 70                       | 4260294 |
| SOUTH CAROLINA   | 42 2010001 G01 SIMPSONVILLE           | 73 31                         | 67                       | 4260294 |
| SOUTH CAROLINA   | 42 2040001 G01 SPARTANBURG            | 73 33                         | 103                      | 4260294 |
| SOUTH CAROLINA   | 42 2040006 G01 SPARTANBURG            | 73 15                         | 115                      | 4260294 |
| SOUTH CAROLINA   | 42 2060002 G01 SPARTANBURG COUNTY     | 73 10                         | 31                       | 4260294 |
| SOUTH CAROLINA   | 42 2060002 G03 SPARTANBURG COUNTY     | 73 16                         | 92                       | 4260294 |
| SOUTH CAROLINA   | 42 2060004 G01 SPARTANBURG COUNTY     | 73 27                         | 68                       | 4260294 |
| SOUTH CAROLINA   | 42 2400001 G01 WOODRUFF               | 73 10                         | 91                       | 4260294 |
| <b>203 GREENWOOD (S.C.)</b>                                    |                                       |                               |                          |         |
| SOUTH CAROLINA   | 42 1220001 F01 GREENWOOD              | 73 31                         | 84                       | 4260294 |
| SOUTH CAROLINA   | 42 1500001 F01 LAURENS                | 73 31                         | 56                       | 4260294 |
| <b>204 GEORGETOWN (S.C.)</b>                                   |                                       |                               |                          |         |
| SOUTH CAROLINA   | 42 0780006 F01 CONWAY                 | 73 31                         | 70                       | 4260294 |
| SOUTH CAROLINA   | 42 1120001 F01 GEORGETOWN             | 73 31                         | 46                       | 4260294 |
| <b>205 GEORGETOWN-RAPID CITY (S.-DAK.)</b>                     |                                       |                               |                          |         |
| SOUTH DAKOTA   | 43 0110001 A03 BLACK HILLS NAT FOREST | 73 20                         | 48                       | 4260294 |
| <b>207 EASTERN TENNESSEE-SOUTHWESTERN VIRGINIA (TENN.-VA.)</b> |                                       |                               |                          |         |
| VIRGINIA   | 48 3440001 A03 WYTHE COUNTY           | 73 17                         | 73                       | 4260294 |
| <b>208 MIDDLE TENNESSEE</b>                                    |                                       |                               |                          |         |
| TENNESSEE  | 44 2540001 A01 NASHVILLE              | 73 22                         | 120                      | 4260294 |

Table E-1 (continued). NITROGEN DIOXIDE DATA

METHOD: SALTZMAN COLORIMETRIC-4260211 AND 4260212, COULOMETRIC-4260213, CHEMILUMINESCENCE-4260214, NASN SODIUM ARSENITE-ORIFICE-4260284, NASN SODIUM ARSENITE-FRIT-4260294, TEA METHOD-4260295, TGS METHOD-4260296

| AIR QUALITY CONTROL REGION               | YEAR NO. OF VALID 19-- VALUES   | HIGHEST 24-HR VALUES US/CU.M. | A M N U A L RATIO TO ANN. STO UG/CU.M. | METHOD  |
|--|---------------------------------|-------------------------------|--|---------|
| 210 ABILENE-WICHITA FALLS (TEX)          | ** PRIORITY 3 **                |                               |  |         |
| TEXAS                                    | 45 5560001 A01 WICHITA FALLS    | 73 21 102                     |  | 4260294 |
| 211 AMARILLO-LUBBOCK (TEX)               | ** PRIORITY 3 **                |                               |  |         |
| TEXAS                                    | 45 0070002 A01 AMARILLO         | 73 10 38                      |  | 4260294 |
| TEXAS                                    | 45 3340001 A01 LUBBOCK          | 73 19 89                      |  | 4260294 |
| 212 AUSTIN-WACO (TEX)                    | ** PRIORITY 3 **                |                               |  |         |
| TEXAS                                    | 45 0220002 A01 AUSTIN           | 73 14 60                      |  | 4260294 |
| 214 CORPUS CHRISTI-VICTORIA (TEX)        | ** PRIORITY 3 **                |                               |  |         |
| TEXAS                                    | 45 1130001 A01 CORPUS CHRISTI   | 73 25 130                     |  | 4260294 |
| 215 METROPOLITAN DALLAS-FORT WORTH (TEX) | ** PRIORITY 3 **                |                               |  |         |
| TEXAS                                    | 45 1310002 A01 DALLAS           | 73 23 143                     |  | 4260294 |
| TEXAS                                    | 45 1880001 A01 FORT WORTH       | 73 22 142                     |  | 4260294 |
| 216 METROPOLITAN HOUSTON-GALVESTON (TEX) | ** PRIORITY 3 **                |                               |  |         |
| TEXAS                                    | 45 2560001 A01 HOUSTON          | 73 23 126                     |  | 4260294 |
| TEXAS                                    | 45 3530001 A03 MATAGORDA COUNTY | 73 20 58                      |  | 4260294 |
| TEXAS                                    | 45 4060002 A01 PASADENA         | 73 24 142                     |  | 4260294 |
| 217 METROPOLITAN SAN ANTONIO (TEX)       | ** PRIORITY 3 **                |                               |  |         |
| TEXAS                                    | 45 4570001 A01 SAN ANTONIO      | 73 19 143                     |  | 4260294 |
| 218 MIDLAND-ODESSA-SAN ANGELO (TEX)      | ** PRIORITY 3 **                |                               |  |         |
| TEXAS                                    | 45 5200001 A03 TOM GREEN COUNTY | 73 21 47                      |  | 4260294 |
| 220 HASATCH FRONT (UTAH)                 | ** PRIORITY 1 **                |                               |  |         |
| UTAH                                     | 46 0920001 A01 SALT LAKE CITY   | 73 16 170                     |  | 4260294 |
| 223 HAMPTON ROADS (VA)                   | ** PRIORITY 3 **                |                               |  |         |
| VIRGINIA                                 | 48 2120001 A01 NEWPORT NEWS     | 73 17 66                      |  | 4260294 |
| VIRGINIA                                 | 48 2140001 A01 NORFOLK          | 73 22 115                     |  | 4260294 |
| VIRGINIA                                 | 48 2440001 A01 PORTSMOUTH       | 73 24 106                     |  | 4260294 |

05/20/84

Table E-1 (continued) . NITROGEN DIOXIDE DATA

METHOD: SALTZMAN COLORIMETRIC-4260211 AND 4260212, COULOMETRIC-4260213, CHEMILUMINESCENCE-4260214, NASN SODIUM ARSENITE-ORIFICE-4260284, NASN SODIUM ARSENITE-FRIT-4260294, TEA METHOD-4260295, TCS METHOD-4260296

| AIR QUALITY CONTROL REGION                     | YEAR NO. OF VALID 19-- VALUES | HIGHEST 24-HR VALUES UG/CU.M. | A N N U A L RATIO TD ANN. STD | ARITH. MEAN UG/CU.M. | METHOD  |
|--|-------------------------------|-------------------------------|-------------------------------|----------------------|---------|
| 225 STATE CAPITAL (VA)                         | ** PRIORITY 3 **              |                               |                               |                      |         |
| VIRGINIA 48 2660002 A01 RICHMOND               | 73 16                         | 136                           |                               |                      | 4260294 |
| 226 VALLEY OF VIRGINIA                         | ** PRIORITY 3 **              |                               |                               |                      |         |
| VIRGINIA 48 2890001 A03 SHENANDOAH NATIONAL PK | 73 23                         | 50                            |                               |                      | 4260294 |
| 229 PUGET SOUND (WASH)                         | ** PRIORITY 3 **              |                               |                               |                      |         |
| WASHINGTON 49 6980002 A03 KING COUNTY          | 73 24                         | 250                           |                               |                      | 4260294 |
| WASHINGTON 49 1840001 A01 SEATTLE              | 73 24                         | 907                           |                               |                      | 4260294 |
| WASHINGTON 49 2140001 A01 TACOMA               | 73 19                         | 488                           |                               |                      | 4260294 |
| 234 KANAWHA VALLEY (W. VA.)                    | ** PRIORITY 3 **              |                               |                               |                      |         |
| WEST VIRGINIA 50 0280001 A01 CHARLESTON        | 73 21                         | 139                           |                               |                      | 4260294 |
| 237 LAKE MICHIGAN (MISC)                       | ** PRIORITY 3 **              |                               |                               |                      |         |
| WISCONSIN 51 0780001 A03 DOOR COUNTY           | 73 20                         | 62                            |                               |                      | 4260294 |
| 239 SOUTHEASTERN WISCONSIN                     | ** PRIORITY 3 **              |                               |                               |                      |         |
| WISCONSIN 51 2200001 A01 MILWAUKEE             | 73 21                         | 102                           |                               |                      | 4260294 |
| 240 SOUTHERN WISCONSIN                         | ** PRIORITY 3 **              |                               |                               |                      |         |
| WISCONSIN 51 1860001 A01 MADISON               | 73 21                         | 101                           |                               |                      | 4260294 |
| 241 CASPER (WYO)                               | ** PRIORITY 3 **              |                               |                               |                      |         |
| WYOMING 52 0120001 A01 CASPER                  | 73 21                         | 62                            |                               |                      | 4260294 |
| 243 WYOMING (REMAINDER)                        | ** PRIORITY 3 **              |                               |                               |                      |         |
| WYOMING 52 0860001 A03 YELLOWSTONE PARK        | 73 16                         | 43                            |                               |                      | 4260294 |
| 244 PUERTO RICO                                | ** PRIORITY 3 **              |                               |                               |                      |         |
| PUERTO RICO 40 0380002 A01 BAYAMON             | 73 9                          | 46                            |                               |                      | 4260294 |
| PUERTO RICO 40 1080002 A01 GUAYANILLA          | 73 17                         | 72                            |                               |                      | 4260294 |
| PUERTO RICO 40 1920002 A01 PONCE               | 73 16                         | 94                            |                               |                      | 4260294 |
| PUERTO RICO 40 2140001 A01 SAN JUAN            | 73 21                         | 64                            |                               |                      | 4260294 |



| TECHNICAL REPORT DATA  |   |                                 |
|--|---|---------------------------------|
| <i>(Please read Instructions on the reverse before completing)</i>   |   |                                 |
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|  | 15. SUPPLEMENTARY NOTES                                   |                                 |
| 16. ABSTRACT<br><br>This report presents a comprehensive tabulation of the nation's air quality and monitoring activities for 1973. These summaries are based on data acquired through extensive monitoring activities conducted by Federal, state, and local air pollution control agencies, and compiled according to the nation's 247 Air Quality Control Regions. Information is provided for the five pollutants for which National Ambient Air Quality Standards have been set (suspended particulate matter, sulfur dioxide, carbon monoxide, oxidants, and nitrogen dioxide). Analyses of pollutant trends are presented, plus a study of nonurban ozone concentrations and a preliminary examination of instances reflecting the energy crisis. |   |                                 |
| 17. KEY WORDS AND DOCUMENT ANALYSIS  |   |                                 |
| a. DESCRIPTORS   | b. IDENTIFIERS/OPEN ENDED TERMS                           | c. COSATI Field/Group           |
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