

LANE REGIONAL AIR POLLUTION AUTHORITY

ANNUAL DATA REPORT

1972

LANE REGIONAL AIR POLLUTION AUTHORITY

Route 1, Box 739

Eugene, Oregon 97402

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LANE REGIONAL AIR POLLUTION AUTHORITY

Field Sampling Network

1972

Continuous Air Monitoring Station: 1 Operational Site  
Suspended Particulate  
Carbon Monoxide  
Total Hydrocarbon Measurements

Eugene - 11th near Willamette

High Volume Stations: 8 Operational Sites  
Suspended Particulate Measurement

Eugene - City Hall  
Commerce Building

Springfield - City Library  
City Shops

Cottage Grove - City Hall

Oakridge - Fire Station

Junction City - City Offices

Rural - LRAPA Building, Airport

Particle Fallout Stations: 9 Operational Sites  
Settled Particulate Measurement

Eugene - 6th & Garfield  
50 N. Danebo

Springfield - 3400 "N" Street  
Fire Station #2, 47th & Main

Cottage Grove - City Hall

Oakridge - Fire Station  
State Fish Commission

Junction City - City Offices

Florence - City Shops

Weather Stations: 3 Operational Sites  
Wind Speed, Direction & Temperature Measurements

Eugene - Skinners Butte  
11th & Willamette

Springfield - Fire Station

PARTICLE FALLOUT

1972

| City          | Field Station Location & Number | Particle Fallout (grams/square meter/month) |      |      |      |      |      |      |      |      |      |      |      | Number of Sampling Months |      |      |             |
|---------------|---------------------------------|---|------|------|------|------|------|------|------|------|------|------|------|---------------------------|------|------|-------------|
|               |                                 | Jan.  | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |                           | Min. | Max. | Arith. Mean |
| Eugene        | 6th & Garfield 20-18-29         | 5.5   | 8.2  | 1.7  | 2.0  | 1.1  | 1.4  | 3.2  | 4.7  | 2.2  | 3.7  | 2.4  | 1.7  | 1.1                       | 8.2  | 3.2  | 12          |
|               | 50 N. Danebo 20-18-31           | 9.6   | 11.6 | 3.4  | 7.5  | 18.7 | 22.7 | 9.8  | 13.1 | 9.2  | 8.3  | 3.5  | 3.2  | 3.2                       | 22.7 | 10.1 | 12          |
| Springfield   | Fire Station #2 20-33-20        | 3.0   | 6.1  | 1.2  | 1.4  | 1.2  | 1.3  | 5.0  | 5.2  | 2.6  | 3.8  | 2.9  | 3.9  | 1.2                       | 6.1  | 3.1  | 12          |
|               | 3400 N St. 20-33-32             | 4.5   | 9.2  | 8.1  | 1.8  | 1.1  | 1.2  | 3.0  | 4.6  | 3.6  | 4.3  | 3.8  | 4.8  | 1.1                       | 9.2  | 4.2  | 12          |
| Cottage Grove | City Hall 20-09-01              | 1.4   | 4.7  | 1.0  | 1.1  | 0.9  | 1.0  | 1.4  | 1.3  | 0.6  | 1.4  | 2.2  | 1.2  | 0.6                       | 4.7  | 1.5  | 12          |
| Oakridge      | Fire Station 20-30-01           | 10.8  | 11.5 | 5.0  | 10.6 | 11.8 | 12.1 | 2.0  | 3.0  | 2.3  | 3.0  | 5.4  | 6.3  | 2.0                       | 12.1 | 7.0  | 12          |
|               | City Offices 20-24-04           | 3.8   | 4.7  | 3.3  | 1.5  | 1.0  | 1.2  | 2.1  | 3.7  | 2.7  | 2.3  | 1.9  | 0.8  | 0.8                       | 4.7  | 2.4  | 12          |
| Florence      | City Shops 20-21-13             | 7.4   | 6.1  | 2.8  | 2.3  | 1.1  | 1.2  | 0.6  | 1.1  | 1.8  | 1.1  | 2.0  | -    | 0.6                       | 7.4  | 2.5  | 11          |
| Oakridge      | State Fish Comm. 20-30-02       | -   | -    | -    | -    | -    | -    | 5.0  | 7.4  | 6.5  | 7.7  | 13.6 | 16.5 | 5.0                       | 16.5 | 9.6  | 6           |

SUSPENDED PARTICULATE ( $\mu\text{g}/\text{m}^3$ )

January 1972

| Day | Eugene    |             | Springfield |       | Cottage Grove<br>City Hall | Oakridge<br>Fire Station | Junction City<br>City Offices | Airport<br>LRAPA Bldg. |
|-----|-----------|-------------|-------------|-------|----------------------------|--------------------------|-------------------------------|------------------------|
|     | City Hall | Comm. Bldg. | Library     | Shops |                            |                          |                               |                        |
| 1   | 58        | -           | 82          | 54    | -                          | -                        | 56                            | 22                     |
| 2   |           |             |             |       |                            |                          |                               |                        |
| 3   |           |             |             |       |                            |                          |                               |                        |
| 4   |           |             |             |       |                            |                          |                               |                        |
| 5   | 158       | -           | 224         | 141   | -                          | -                        | 154                           | 70                     |
| 6   |           |             |             |       |                            |                          |                               |                        |
| 7   |           |             |             |       |                            |                          |                               |                        |
| 8   |           |             |             |       |                            |                          |                               |                        |
| 9   | 23        | -           | -           | 21    | -                          | -                        | 21                            | 7                      |
| 10  |           |             |             |       |                            |                          |                               |                        |
| 11  |           |             |             |       |                            |                          |                               |                        |
| 12  |           |             |             |       |                            |                          |                               |                        |
| 13  | 123       | -           | 85          | 82    | -                          | -                        | 74                            | 19                     |
| 14  |           |             |             |       |                            |                          |                               |                        |
| 15  |           |             |             |       |                            |                          |                               |                        |
| 16  |           |             |             |       |                            |                          |                               |                        |
| 17  | 21        | -           | 28          | 43    | -                          | -                        | 44                            | 9                      |
| 18  |           |             |             |       |                            |                          |                               |                        |
| 19  |           |             |             |       |                            |                          |                               |                        |
| 20  |           |             |             |       |                            |                          |                               |                        |
| 21  | 30        | -           | -           | 104   | -                          | -                        | 44                            | 17                     |
| 22  |           |             |             |       |                            |                          |                               |                        |
| 23  |           |             |             |       |                            |                          |                               |                        |
| 24  |           |             |             |       |                            |                          |                               |                        |
| 25  | -         | -           | 40          | 68    | -                          | -                        | 44                            | 23                     |
| 26  |           |             |             |       |                            |                          |                               |                        |
| 27  |           |             |             |       |                            |                          |                               |                        |
| 28  |           |             |             |       |                            |                          |                               |                        |
| 29  | 209       | -           | 222         | 127   | -                          | -                        | 104                           | 29                     |
| 30  |           |             |             |       |                            |                          |                               |                        |

SUSPENDED PARTICULATE (ug/m<sup>3</sup>)

February 1972

| Day | Eugene    |             | Springfield |       | Cottage Grove | Oakridge     | Junction City | Airport     |
|-----|-----------|-------------|-------------|-------|---------------|--------------|---------------|-------------|
|     | City Hall | Comm. Bldg. | Library     | Shops | City Hall     | Fire Station | City Offices  | LRAPA Bldg. |
| 1   | 254       | -           | 347         | 212   | -             | -            | 155           | 86          |
| 2   |           |             |             |       |               |              |               |             |
| 3   |           |             |             |       |               |              |               |             |
| 4   |           |             |             |       |               |              |               |             |
| 5   | 57        |             |             |       |               |              |               |             |
| 6   | 56        | -           | 59          | 57    | -             | -            | 40            | 27          |
| 7   |           |             |             |       |               |              |               |             |
| 8   |           |             |             |       |               |              |               |             |
| 9   |           |             |             |       |               |              |               |             |
| 10  | 207       | 179         | 227         | 140   | -             | -            | 116           | 57          |
| 11  |           |             |             |       |               |              |               |             |
| 12  |           |             |             |       |               |              |               |             |
| 13  |           |             |             |       |               |              |               |             |
| 14  | 37        | 34          | 47          | 55    | -             | -            | 44            | 5           |
| 15  |           |             |             |       |               |              |               |             |
| 16  |           |             |             |       |               |              |               |             |
| 17  |           |             |             |       |               |              |               |             |
| 18  | 165       | 116         | 203         | 115   | -             | -            | 99            | 48          |
| 19  |           |             |             |       |               |              |               |             |
| 20  |           |             |             |       |               |              |               |             |
| 21  |           |             |             |       |               |              |               |             |
| 22  | 26        | 28          | 43          | 37    | -             | -            | 45            | 13          |
| 23  |           |             |             |       |               |              |               |             |
| 24  |           |             |             |       |               |              |               |             |
| 25  |           |             |             |       |               |              |               |             |
| 26  | 62        | 38          | 41          | 76    | -             | -            | 29            | 17          |
| 27  |           |             |             |       |               |              |               |             |
| 28  |           |             |             |       |               |              |               |             |
| 29  |           |             |             |       |               |              |               |             |
| 30  |           |             |             |       |               |              |               |             |
| 31  |           |             |             |       |               |              |               |             |

SUSPENDED PARTICULATE (ug/m<sup>3</sup>)

March 1972

| Day | Eugene    |             | Springfield |       | Cottage Grove | Oakridge     | Junction City | Airport     |
|-----|-----------|-------------|-------------|-------|---------------|--------------|---------------|-------------|
|     | City Hall | Comm. Bldg. | Library     | Shops | City Hall     | Fire Station | City Offices  | LRAPA Bldg. |
| 1   | 23        | 21          | 65          | 105   | -             | 43           | 53            | 10          |
| 2   |           |             |             |       |               |              |               |             |
| 3   |           |             |             |       |               |              |               |             |
| 4   |           |             |             |       |               |              |               |             |
| 5   | 46        | 32          | 117         | 48    | -             | 51           | 31            | 10          |
| 6   |           |             |             |       |               |              |               |             |
| 7   |           |             |             |       |               |              |               |             |
| 8   |           |             |             |       |               |              |               |             |
| 9   | 71        | 63          | 56          | 99    | 59            | 150          | 88            | 55          |
| 10  |           |             |             |       |               |              |               |             |
| 11  |           |             |             |       |               |              |               |             |
| 12  |           |             |             |       |               |              |               |             |
| 13  | 73        | 44          | 70          | 73    | -             | 62           | 42            | 10          |
| 15  |           |             |             |       |               |              |               |             |
| 16  |           |             |             |       |               |              |               |             |
| 17  | 161       | 108         | 149         | 130   | 51            | 118          | 88            | 27          |
| 18  |           |             |             |       |               |              |               |             |
| 19  |           |             |             |       |               |              |               |             |
| 20  |           |             |             |       |               |              |               |             |
| 21  | 46        | 44          | 85          | 96    | 36            | 102          | 50            | 23          |
| 22  |           |             |             |       |               |              |               |             |
| 23  |           |             |             |       |               |              |               |             |
| 24  |           |             |             |       |               |              |               |             |
| 25  | 51        | 35          | 51          | 29    | 28            | -            | 25            | 5           |
| 26  |           |             |             |       |               |              |               |             |
| 27  |           |             |             |       |               |              |               |             |
| 28  |           |             |             |       |               |              |               |             |
| 29  | 105       | 114         | 146         | 125   | 62            | 69           | 89            | 62          |
| 30  |           |             |             |       |               |              |               |             |

SUSPENDED PARTICULATE (ug/m<sup>3</sup>)

April 1972

| Day | Eugene    |             | Springfield |       | Cottage Grove | Oakridge     | Junction City | Airport     |
|-----|-----------|-------------|-------------|-------|---------------|--------------|---------------|-------------|
|     | City Hall | Comm. Bldg. | Library     | Shops | City Hall     | Fire Station | City Offices  | LRAPA Bldg. |
| 1   | 52        | 38          | 42          | 37    | 33            | -            | 33            | 20          |
| 2   |           |             |             |       |               |              |               |             |
| 3   |           |             |             |       |               |              |               |             |
| 4   |           |             |             |       |               |              |               |             |
| 5   |           |             |             |       |               |              |               |             |
| 6   | 23        | -           | 38          | 34    | 18            | -            | 33            | 10          |
| 7   |           |             |             |       |               |              |               |             |
| 8   |           |             |             |       |               |              |               |             |
| 9   |           |             |             |       |               |              |               |             |
| 10  | 75        | -           | 70          | 65    | 30            | 48           | 49            | 15          |
| 11  |           |             |             |       |               |              |               |             |
| 12  |           |             |             |       |               |              |               |             |
| 13  |           |             |             |       |               |              |               |             |
| 14  | 98        | 68          | 108         | 105   | 45            | 46           | 52            | 22          |
| 15  |           |             |             |       |               |              |               |             |
| 16  |           |             |             |       |               |              |               |             |
| 17  |           |             |             |       |               |              |               |             |
| 18  | 93        | 109         | 194         | 135   | 55            | 76           | 56            | 32          |
| 19  |           |             |             |       |               |              |               |             |
| 20  |           |             |             |       |               |              |               |             |
| 21  |           |             |             |       |               |              |               |             |
| 22  | 111       | 85          | 83          | 71    | 47            | 65           | 53            | 27          |
| 23  |           |             |             |       |               |              |               |             |
| 24  |           |             |             |       |               |              |               |             |
| 25  |           |             |             |       |               |              |               |             |
| 26  | 88        | 98          | 112         | 109   | 51            | 55           | 75            | 42          |
| 27  |           |             |             |       |               |              |               |             |
| 28  |           |             |             |       |               |              |               |             |
| 29  |           |             |             |       |               |              |               |             |
| 0   | 87        | 63          | 67          | 44    | 36            | 48           | 41            | 17          |
| 31  |           |             |             |       |               |              |               |             |



SUSPENDED PARTICULATE (ug/m<sup>3</sup>)

May 1972

| Day | Eugene    |             | Springfield |       | Cottage Grove | Oakridge     | Junction City | Airport     |
|-----|-----------|-------------|-------------|-------|---------------|--------------|---------------|-------------|
|     | City Hall | Comm. Bldg. | Library     | Shops | City Hall     | Fire Station | City Offices  | LRAPA Bldg. |
| 1   |           |             |             |       |               |              |               |             |
| 2   |           |             |             |       |               |              |               |             |
| 3   |           |             |             |       |               |              |               |             |
| 4   | 93        | 102         | 128         | 183   | 63            | 119          | 78            | 54          |
| 5   |           |             |             |       |               |              |               |             |
| 6   |           |             |             |       |               |              |               |             |
| 7   |           |             |             |       |               |              |               |             |
| 8   | 79        | 56          | 68          | 140   | 26            | 49           | 61            | 25          |
| 9   |           |             |             |       |               |              |               |             |
| 10  |           |             |             |       |               |              |               |             |
| 11  |           |             |             |       |               |              |               |             |
| 12  | 222       | 134         | 173         | 176   | 81            | 149          | 139           | 78          |
| 13  |           |             |             |       |               |              |               |             |
| 14  |           |             |             |       |               |              |               |             |
| 15  |           |             |             |       |               |              |               |             |
| 16  | 36        | 50          | 38          | 46    | 22            | -            | 28            | 15          |
| 17  |           |             |             |       |               |              |               |             |
| 18  |           |             |             |       |               |              |               |             |
| 19  |           |             |             |       |               |              |               |             |
| 20  | 97        | 70          | 58          | 63    | 41            | 61           | 52            | 24          |
| 21  |           |             |             |       |               |              |               |             |
| 22  |           |             |             |       |               |              |               |             |
| 23  |           |             |             |       |               |              |               |             |
| 24  | 91        | 108         | 107         | 100   | 51            | 69           | 60            | 35          |
| 25  |           |             |             |       |               |              |               |             |
| 26  |           |             |             |       |               |              |               |             |
| 27  |           |             |             |       |               |              |               |             |
| 28  | --        | 69          | 76          | 71    | 39            | --           | 56            | 32          |
| 29  |           |             |             |       |               |              |               |             |
| 30  |           |             |             |       |               |              |               |             |
| 1   |           |             |             |       |               |              |               |             |

SUSPENDED PARTICULATE (ug/m<sup>3</sup>)

June 1972

| Day | Eugene    |             | Springfield |       | Cottage Grove<br>City Hall | Oakridge<br>Fire Station | Junction City<br>City Offices | Airport<br>LRAPA Bldg. |
|-----|-----------|-------------|-------------|-------|----------------------------|--------------------------|-------------------------------|------------------------|
|     | City Hall | Comm. Bldg. | Library     | Shops |                            |                          |                               |                        |
| 1   | 89        | 119         | --          | 182   | 66                         | 53                       | --                            | 75                     |
| 2   |           |             |             |       |                            |                          |                               |                        |
| 3   |           |             |             |       |                            |                          |                               |                        |
| 4   |           |             |             |       |                            |                          |                               |                        |
| 5   | 123       | 143         | --          | 165   | 48                         | 137                      | 133                           | 85                     |
| 6   |           |             |             |       |                            |                          |                               |                        |
| 7   |           |             |             |       |                            |                          |                               |                        |
| 8   |           |             |             |       |                            |                          |                               |                        |
| 9   | 48        | 47          | 40          | 51    | 20                         | 76                       | 36                            | 16                     |
| 10  |           |             |             |       |                            |                          |                               |                        |
| 11  |           |             |             |       |                            |                          |                               |                        |
| 12  |           |             |             |       |                            |                          |                               |                        |
| 13  | 135       | 99          | 99          | 124   | 19                         | 74                       | 40                            | 53                     |
| 14  |           |             |             |       |                            |                          |                               |                        |
| 15  |           |             |             |       |                            |                          |                               |                        |
| 16  | 98        | 72          | 69          | 91    | 38                         | 73                       | 43                            | 36                     |
| 17  |           |             |             |       |                            |                          |                               |                        |
| 18  |           |             |             |       |                            |                          |                               |                        |
| 19  |           |             |             |       |                            |                          |                               |                        |
| 20  |           |             |             |       |                            |                          |                               |                        |
| 21  | 85        | 90          | --          | 124   | 48                         | 64                       | 64                            | 63                     |
| 22  |           |             |             |       |                            |                          |                               |                        |
| 23  |           |             |             |       |                            |                          |                               |                        |
| 24  |           |             |             |       |                            |                          |                               |                        |
| 25  | 37        | 28          | 29          | 32    | 14                         | 36                       | 18                            | 10                     |
| 26  |           |             |             |       |                            |                          |                               |                        |
| 27  |           |             |             |       |                            |                          |                               |                        |
| 28  |           |             |             |       |                            |                          |                               |                        |
| 29  | 117       | 129         | --          | 185   | 53                         | 112                      | 85                            | 45                     |
| 30  |           |             |             |       |                            |                          |                               |                        |
| 31  |           |             |             |       |                            |                          |                               |                        |

SUSPENDED PARTICULATE ( $\mu\text{g}/\text{m}^3$ )

July 1972

| Day | Eugene    |             | Springfield |       | Cottage Grove<br>City Hall | Oakridge<br>Fire Station | Junction City<br>City Offices | Airport<br>LRAPA Bldg. |
|-----|-----------|-------------|-------------|-------|----------------------------|--------------------------|-------------------------------|------------------------|
|     | City Hall | Comm. Bldg. | Library     | Shops |                            |                          |                               |                        |
| 1   |           |             |             |       |                            |                          |                               |                        |
| 2   |           |             |             |       |                            |                          |                               |                        |
| 3   | 176       | 99          | 100         | 130   | 55                         | 87                       | 100                           | 46                     |
| 4   |           | 56          |             |       |                            |                          |                               | 21                     |
| 5   |           | 86          |             |       |                            |                          |                               |                        |
| 6   |           | 55          |             |       |                            |                          |                               |                        |
| 7   | 58        | 40          | 87          | 161   | 28                         | 79                       | 46                            | 12                     |
| 8   |           | 29          |             |       |                            |                          |                               |                        |
| 9   |           |             |             |       |                            |                          |                               |                        |
| 10  |           | 41          |             |       |                            |                          |                               |                        |
| 11  | 123       | 41          | 74          | 95    | 29                         | 79                       | 25                            | 20                     |
| 12  |           | 52          |             |       |                            |                          |                               | 63                     |
| 13  |           | 48          |             |       |                            |                          |                               |                        |
| 14  |           | 127         |             |       |                            |                          |                               | 41                     |
| 15  | 218       | 98          | 83          | 101   | 60                         | 63                       | 67                            | 62                     |
| 16  |           |             |             |       |                            |                          |                               |                        |
| 17  |           | 114         |             |       |                            |                          |                               |                        |
| 18  |           | 52          |             |       |                            |                          |                               |                        |
| 19  | 150       | 108         | 127         | --    | 74                         | 95                       | 141                           | 65                     |
| 20  |           | 119         |             |       |                            |                          |                               |                        |
| 21  |           | 82          |             |       |                            |                          |                               | 50                     |
| 22  |           | 74          |             |       |                            |                          |                               |                        |
| 23  | 160       |             | 55          | 55    | 22                         | 60                       | 31                            | 26                     |
| 24  |           | 59          |             |       |                            |                          |                               |                        |
| 25  |           | 66          |             |       |                            |                          |                               | 36                     |
| 26  |           |             |             |       |                            |                          |                               | 36                     |
| 27  | 157       | 91          | 120         | 196   | 61                         | 96                       | 83                            | 55                     |
| 28  |           | 121         |             |       |                            |                          |                               | 75                     |
| 29  |           | 108         |             |       |                            |                          |                               |                        |
| 31  | 271       | 44          | 61          | 118   | 34                         | 71                       | 54                            | 24                     |

SUSPENDED PARTICULATE (ug/m<sup>3</sup>)

August 1972

| Day | Eugene    |             | Springfield |       | Cottage Grove | Oakridge     | Junction City | Airport     |
|-----|-----------|-------------|-------------|-------|---------------|--------------|---------------|-------------|
|     | City Hall | Comm. Bldg. | Library     | Shops | City Hall     | Fire Station | City Offices  | LRAPA Bldg. |
| 1   |           | 73          |             |       |               |              |               |             |
| 2   |           | 132         |             |       |               |              |               | 47          |
| 3   |           | 132         |             |       |               |              |               | 66          |
| 4   | 159       | 131         | 138         | 182   | 65            | 105          | 111           | 53          |
| 5   |           | 116         |             |       |               |              |               |             |
| 6   |           |             |             |       |               |              |               |             |
| 7   |           | 148         |             |       |               |              |               | 96          |
| 8   | 192       | 97          | 156         | 172   | 55            | 112          | 92            | 49          |
| 9   |           | 91          |             |       |               |              |               | 50          |
| 10  |           | 74          |             |       |               |              |               | 33          |
| 11  |           | 80          |             |       |               |              |               | 37          |
| 12  | 64        | 44          | 52          | 79    | 25            | 69           | 85            | 13          |
| 13  |           |             |             |       |               |              |               |             |
| 14  |           | 77          |             |       |               |              |               |             |
| 15  |           | 39          |             |       |               |              |               | 16          |
| 16  | 130       | 82          | 53          | 70    | 30            | 32           | 70            | 36          |
| 17  |           | 43          |             |       |               |              |               |             |
| 18  |           | 99          |             |       |               |              |               | 27          |
| 19  |           | 49          |             |       |               |              |               |             |
| 20  | 66        |             | 48          | 47    | 15            | 42           | 27            | 18          |
| 21  |           | 42          |             |       |               |              |               |             |
| 22  |           | 48          |             |       |               |              |               | 25          |
| 23  |           | 100         |             |       |               |              |               | 35          |
| 24  | 148       | 85          | 139         | 222   | 89            | 171          | 67            | 41          |
| 25  |           | 140         |             |       |               |              |               | 83          |
| 26  |           | 135         |             |       |               |              |               |             |
| 27  |           |             |             |       |               |              |               |             |
| 28  | 183       | 135         | 169         | 194   | 80            | 205          | --            | 75          |
| 29  |           | 132         |             |       |               |              |               |             |
| 30  |           | 188         |             |       |               |              |               | 72          |
|     |           |             |             |       |               |              |               | 134         |

SUSPENDED PARTICULATE (ug/m<sup>3</sup>)

September 1972

| Day | Eugene    |             | Springfield |       | Cottage Grove | Oakridge     | Junction City | Airport     |
|-----|-----------|-------------|-------------|-------|---------------|--------------|---------------|-------------|
|     | City Hall | Comm. Bldg. | Library     | Shops | City Hall     | Fire Station | City Offices  | LRAPA Bldg. |
| 1   | 279       |             | 185         | 186   | 82            | 131          | 184           | 111         |
| 2   |           | 97          |             |       |               |              |               |             |
| 3   |           |             |             |       |               |              |               |             |
| 4   |           |             |             |       |               |              |               |             |
| 5   | 67        | 43          | 73          | 122   | 27            | 34           | -             |             |
| 6   |           | 89          |             |       |               |              |               | 41          |
| 7   |           |             |             |       |               |              |               | 58          |
| 8   |           |             |             |       |               |              |               | 31          |
| 9   | 68        | 44          | 49          | 47    | 18            | 34           | 34            | 24          |
| 10  |           |             |             |       |               |              |               |             |
| 11  |           |             |             |       |               |              |               |             |
| 12  |           |             |             |       |               |              |               | 57          |
| 13  | 317       | 191         | 162         | 162   | 86            | 92           | 183           | 101         |
| 14  |           |             |             |       |               |              |               |             |
| 15  |           |             |             |       |               |              |               |             |
| 16  |           |             |             |       |               |              |               |             |
| 17  | 81        | -           | 46          | 49    | 32            | 83           | 32            | 25          |
| 18  |           |             |             |       |               |              |               |             |
| 19  |           |             |             |       |               |              |               |             |
| 20  |           |             |             |       |               |              |               |             |
| 21  | 97        | 60          | 83          | 98    | 32            | 58           | 48            | 23          |
| 22  |           |             |             |       |               |              |               |             |
| 23  |           |             |             |       |               |              |               |             |
| 24  |           |             |             |       |               |              |               |             |
| 25  | 124       | 78          | 75          | 67    | 32            | 67           | 51            | 25          |
| 26  |           |             |             |       |               |              |               |             |
| 27  |           |             |             |       |               |              |               |             |
| 28  |           |             |             |       |               |              |               |             |
| 29  | 242       | 136         | 196         | 179   | 66            | 166          | 107           | 85          |
| 30  |           |             |             |       |               |              |               |             |

SUSPENDED PARTICULATE (ug/m<sup>3</sup>)

OCTOBER 1972

| Day | Eugene    |             | Springfield |       | Cottage Grove | Oakridge     | Junction City | Airport     |
|-----|-----------|-------------|-------------|-------|---------------|--------------|---------------|-------------|
|     | City Hall | Comm. Bldg. | Library     | Shops | City Hall     | Fire Station | City Offices  | LRAPA Bldg. |
| 1   |           |             |             |       |               |              |               |             |
| 2   |           |             |             |       |               |              |               |             |
| 3   | 154       | 119         | 141         | 144   | 78            | 146          | 98            | 55          |
| 4   |           |             |             |       |               |              |               |             |
| 5   |           |             |             |       |               |              |               |             |
| 6   |           |             |             |       |               |              |               |             |
| 7   | 117       | 98          | 112         | 131   | 64            | 283          | 131           | 92          |
| 8   |           |             |             |       |               |              |               |             |
| 9   |           |             |             |       |               |              |               |             |
| 10  |           |             |             |       |               |              |               |             |
| 11  | 88        | 66          | 107         | 107   | 55            | 45           | 75            | 48          |
| 12  |           |             |             |       |               |              |               |             |
| 13  |           |             |             |       |               |              |               |             |
| 14  |           |             |             |       |               |              |               |             |
| 15  | 74        | 76          | 72          | -     | 40            | 48           | 53            | 42          |
| 16  |           |             |             |       |               |              |               |             |
| 17  |           | 115         | 188         |       |               |              |               |             |
| 18  |           | 130         | 218         |       |               |              |               | 84          |
| 19  | 130       | 102         | 138         | 150   | 73            | 75           | 107           | 78          |
| 20  |           | 117         | 213         |       |               |              |               | 56          |
| 21  |           |             |             |       |               |              |               |             |
| 22  |           |             |             |       |               |              |               |             |
| 23  | 75        | 72          | 89          | 113   | 46            | 72           | 53            | 121         |
| 24  |           |             |             |       |               |              |               |             |
| 25  |           |             |             |       |               |              |               |             |
| 26  |           |             |             |       |               |              |               |             |
| 27  | 69        | 55          | 125         | 76    | 51            | 71           | 49            |             |
| 28  |           |             |             |       |               |              |               |             |
| 29  |           |             |             |       |               |              |               |             |
| 30  | 145       | 132         | 154         | 199   | 64            | 111          | 105           |             |

SUSPENDED PARTICULATE (ug/m<sup>3</sup>)

November 1972

| Day | Eugene    |             | Springfield |       | Cottage Grove | Oakridge     | Junction City | Airport     |
|-----|-----------|-------------|-------------|-------|---------------|--------------|---------------|-------------|
|     | City Hall | Comm. Bldg. | Library     | Shops | City Hall     | Fire Station | City Offices  | LRAPA Bldg. |
| 1   |           |             |             |       |               |              |               | 24          |
| 2   |           |             |             |       |               |              |               |             |
| 3   |           |             |             |       |               |              |               |             |
| 4   | 32        | 26          | 35          | 30    | 27            | -            | 29            | 12          |
| 5   |           |             |             |       |               |              |               |             |
| 6   |           |             |             |       |               |              |               |             |
| 7   |           |             |             |       |               |              |               |             |
| 8   | 42        | 28          | 64          | 93    | 39            | 47           | 62            | 21          |
| 9   |           |             |             |       |               |              |               |             |
| 10  |           |             |             |       |               |              |               |             |
| 11  |           |             |             |       |               |              |               |             |
| 12  | 69        | 66          | 80          | 81    | 42            | 70           | 43            | 33          |
| 13  |           |             |             |       |               |              |               |             |
| 14  |           |             |             |       |               |              |               |             |
| 15  |           |             |             |       |               |              |               |             |
| 16  | 146       | 110         | 113         | 123   | 88            | 142          | 99            | 69          |
| 17  |           |             |             |       |               |              |               |             |
| 18  |           |             |             |       |               |              |               |             |
| 19  |           |             |             |       |               |              |               |             |
| 20  | 46        | 35          | 118         | 115   | 57            | 78           | 79            | 34          |
| 21  |           |             |             |       |               |              |               |             |
| 22  |           |             |             |       |               |              |               |             |
| 23  |           |             |             |       |               |              |               |             |
| 24  | 53        | 41          | 50          | 38    | 31            | 63           | 30            | 15          |
| 25  |           |             |             |       |               |              |               |             |
| 26  |           |             |             |       |               |              |               |             |
| 27  |           |             |             |       |               |              |               |             |
| 28  | 61        | 44          | 66          | 83    | 31            | 42           | 38            | 34          |
| 29  |           |             |             |       |               |              |               |             |
| 30  |           |             |             |       |               |              |               |             |
| 1   |           |             |             |       |               |              |               |             |

SUSPENDED PARTICULATE (ug/m<sup>3</sup>)

December 1972

| Day | Eugene    |             | Springfield |       | Cottage Grove | Oakridge     | Junction City | Airport     |
|-----|-----------|-------------|-------------|-------|---------------|--------------|---------------|-------------|
|     | City Hall | Comm. Bldg. | Library     | Shops | City Hall     | Fire Station | City Offices  | LRAPA Bldg. |
| 1   |           |             |             |       |               |              |               |             |
| 2   | 26        | 22          | 27          | 38    | 21            | 64           | 24            | 17          |
| 3   |           |             |             |       |               |              |               |             |
| 4   |           |             |             |       |               |              |               |             |
| 5   |           |             |             |       |               |              |               |             |
| 6   | 38        | 31          | 10          | 52    | 53            | 39           | 60            | 31          |
| 7   |           |             |             |       |               |              |               |             |
| 8   |           |             |             |       |               |              |               |             |
| 9   |           |             |             |       |               |              |               |             |
| 10  | 194       | 186         | 170         | 110   | 109           | 83           | 70            | 38          |
| 11  |           |             |             |       |               |              |               |             |
| 12  |           |             |             |       |               |              |               |             |
| 13  |           |             |             |       |               |              |               |             |
| 14  | 146       | 104         | 140         | 90    | 86            | 58           | 32            | 30          |
| 15  |           |             |             |       |               |              |               |             |
| 16  |           |             |             |       |               |              |               |             |
| 17  |           |             |             |       |               |              |               |             |
| 18  | 51        | 35          | 88          | 134   | 37            | 97           | 40            | 25          |
| 19  |           |             |             |       |               |              |               |             |
| 20  |           |             |             |       |               |              |               |             |
| 21  |           |             |             |       |               |              |               |             |
| 22  | 27        | 22          | 34          | 34    | 20            | 66           | 17            | 44          |
| 23  |           |             |             |       |               |              |               |             |
| 24  |           |             |             |       |               |              |               |             |
| 25  |           |             |             |       |               |              |               |             |
| 26  | 239       | 214         | 242         | 238   | 74            | 106          | 71            | 63          |
| 27  |           |             |             |       |               |              |               |             |
| 28  |           |             |             |       |               |              |               |             |
| 29  |           |             |             |       |               |              |               |             |
| 30  | 43        | -           | 49          | 42    | 21            | 38           | 37            | 11          |



SUSPENDED PARTICULATE (ug/m<sup>3</sup>)

Eugene City Hall

1972

\* Data from July - December on computer print outs

| Day        | Jan | Feb | Mar | Apr | May | June | July | Aug | Sept | Oct | Nov | Dec |
|------------|-----|-----|-----|-----|-----|------|------|-----|------|-----|-----|-----|
| 1          | 58  |     | 23  |     |     | 89   |      |     |      |     |     |     |
| 2          |     | 254 |     | 52  |     |      |      |     |      |     |     |     |
| 3          |     |     |     |     |     |      |      |     |      |     |     |     |
| 4          |     |     |     |     | 93  |      |      |     |      |     |     |     |
| 5          | 158 | 57  | 46  |     |     | 123  |      |     |      |     |     |     |
| 6          |     | 56  |     | 23  |     |      |      |     |      |     |     |     |
| 7          |     |     |     |     |     |      |      |     |      |     |     |     |
| 8          |     |     |     |     | 79  |      |      |     |      |     |     |     |
| 9          | 23  |     | 71  |     |     | 48   |      |     |      |     |     |     |
| 10         |     | 207 |     | 75  |     |      |      |     |      |     |     |     |
| 11         |     |     |     |     |     |      |      |     |      |     |     |     |
| 12         |     |     |     |     | 222 |      |      |     |      |     |     |     |
| 13         | 123 |     | 73  |     |     | 135  |      |     |      |     |     |     |
| 14         |     | 37  |     | 98  |     |      |      |     |      |     |     |     |
| 15         |     |     |     |     |     |      |      |     |      |     |     |     |
| 16         |     |     |     |     | 36  |      |      |     |      |     |     |     |
| 17         | 21  |     | 161 |     |     | 98   |      |     |      |     |     |     |
| 18         |     | 165 |     | 93  |     |      |      |     |      |     |     |     |
| 19         |     |     |     |     |     |      |      |     |      |     |     |     |
| 20         |     |     |     |     | 97  |      |      |     |      |     |     |     |
| 21         | 30  |     | 46  |     |     | 85   |      |     |      |     |     |     |
| 22         |     | 26  |     | 111 |     |      |      |     |      |     |     |     |
| 23         |     |     |     |     |     |      |      |     |      |     |     |     |
| 24         |     |     |     |     | 91  |      |      |     |      |     |     |     |
| 25         |     |     | 51  |     |     | 37   |      |     |      |     |     |     |
| 26         |     | 62  |     | 88  |     |      |      |     |      |     |     |     |
| 27         |     |     |     |     |     |      |      |     |      |     |     |     |
| 28         |     |     |     |     |     |      |      |     |      |     |     |     |
| 29         | 206 |     | 105 |     |     | 117  |      |     |      |     |     |     |
| 30         |     |     |     | 87  |     |      |      |     |      |     |     |     |
| 31         |     |     |     |     |     |      |      |     |      |     |     |     |
| Min.       | 21  | 26  | 23  | 23  | 36  | 37   |      |     |      |     |     |     |
| Max.       | 206 | 254 | 161 | 111 | 222 | 135  |      |     |      |     |     |     |
| Ave.       | 88  | 108 | 72  | 78  | 103 | 92   |      |     |      |     |     |     |
| No of Days | 7   | 8   | 8   | 8   | 6   | 8    |      |     |      |     |     |     |

SUSPENDED PARTICULATE (ug/m<sup>3</sup>)

Eugene - Commerce Bldg.

1972

\*Data from July - December on computer print-outs

| Day         | Jan | Feb | Mar | Apr | May | June | July | Aug | Sept | Oct | Nov | Dec |
|-------------|-----|-----|-----|-----|-----|------|------|-----|------|-----|-----|-----|
| 1           |     |     | 21  |     |     | 119  |      |     |      |     |     |     |
| 2           |     |     |     | 38  |     |      |      |     |      |     |     |     |
| 3           |     |     |     |     |     |      |      |     |      |     |     |     |
| 4           |     |     |     |     | 102 |      |      |     |      |     |     |     |
| 5           |     |     | 32  |     |     | 143  |      |     |      |     |     |     |
| 6           |     |     |     | -   |     |      |      |     |      |     |     |     |
| 7           |     |     |     |     |     |      |      |     |      |     |     |     |
| 8           |     |     |     |     | 56  |      |      |     |      |     |     |     |
| 9           |     |     | 63  |     |     | 47   |      |     |      |     |     |     |
| 10          |     | 179 |     | -   |     |      |      |     |      |     |     |     |
| 11          |     |     |     |     |     |      |      |     |      |     |     |     |
| 12          |     |     |     |     | 134 |      |      |     |      |     |     |     |
| 13          |     |     | 44  |     |     | 99   |      |     |      |     |     |     |
| 14          |     | 34  |     | 68  |     |      |      |     |      |     |     |     |
| 15          |     |     |     |     |     |      |      |     |      |     |     |     |
| 16          |     |     |     |     | 50  |      |      |     |      |     |     |     |
| 17          |     |     | 108 |     |     | 72   |      |     |      |     |     |     |
| 18          |     | 116 |     | 109 |     |      |      |     |      |     |     |     |
| 19          |     |     |     |     |     |      |      |     |      |     |     |     |
| 20          |     |     |     |     | 70  |      |      |     |      |     |     |     |
| 21          |     |     | 44  |     |     | 90   |      |     |      |     |     |     |
| 22          |     | 28  |     | 85  |     |      |      |     |      |     |     |     |
| 23          |     |     |     |     |     |      |      |     |      |     |     |     |
| 24          |     |     |     |     | 108 |      |      |     |      |     |     |     |
| 25          |     |     | 35  |     |     | 28   |      |     |      |     |     |     |
| 26          |     | 38  |     | 98  |     |      |      |     |      |     |     |     |
| 27          |     |     |     |     |     |      |      |     |      |     |     |     |
| 28          |     |     |     |     | 69  |      |      |     |      |     |     |     |
| 29          |     |     | 114 |     |     | 129  |      |     |      |     |     |     |
| 30          |     |     |     | 63  |     |      |      |     |      |     |     |     |
| 31          |     |     |     |     |     |      |      |     |      |     |     |     |
| Min.        |     | 28  | 21  | 38  | 50  | 28   |      |     |      |     |     |     |
| Max.        |     | 179 | 114 | 109 | 134 | 143  |      |     |      |     |     |     |
| Ave.        |     | 79  | 58  | 77  | 84  | 91   |      |     |      |     |     |     |
| No. of Days |     | 5   | 8   | 6   | 7   | 8    |      |     |      |     |     |     |

SUSPENDED PARTICULATE (ug/m<sup>3</sup>)

Springfield City Library

1972

\*Data from July - December on computer print-outs

| Day         | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec |
|-------------|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|
| 1           | 82  |     | 65  |     |     |      |      |     |     |     |     |     |
| 2           |     | 347 |     | 42  |     |      |      |     |     |     |     |     |
| 3           |     |     |     |     |     |      |      |     |     |     |     |     |
| 4           |     |     |     |     | 128 |      |      |     |     |     |     |     |
| 5           | 224 |     | 117 |     |     |      |      |     |     |     |     |     |
| 6           |     | 59  |     | 38  |     |      |      |     |     |     |     |     |
| 7           |     |     |     |     |     |      |      |     |     |     |     |     |
| 8           |     |     |     |     | 68  |      |      |     |     |     |     |     |
| 9           |     |     | 56  |     |     | 40   |      |     |     |     |     |     |
| 10          |     | 227 |     | 70  |     |      |      |     |     |     |     |     |
| 11          |     |     |     |     |     |      |      |     |     |     |     |     |
| 12          |     |     |     |     | 173 |      |      |     |     |     |     |     |
| 13          | 85  |     | 70  |     |     | 99   |      |     |     |     |     |     |
| 14          |     | 47  |     | 108 |     |      |      |     |     |     |     |     |
| 15          |     |     |     |     |     |      |      |     |     |     |     |     |
| 16          |     |     |     |     | 38  |      |      |     |     |     |     |     |
| 17          | 28  |     | 149 |     |     | 69   |      |     |     |     |     |     |
| 18          |     | 203 |     | 194 |     |      |      |     |     |     |     |     |
| 19          |     |     |     |     |     |      |      |     |     |     |     |     |
| 20          |     |     |     |     | 58  |      |      |     |     |     |     |     |
| 21          |     |     | 85  |     |     |      |      |     |     |     |     |     |
| 22          |     | 43  |     | 83  |     |      |      |     |     |     |     |     |
| 23          |     |     |     |     |     |      |      |     |     |     |     |     |
| 24          |     |     |     |     | 107 |      |      |     |     |     |     |     |
| 25          | 40  |     | 51  |     |     | 29   |      |     |     |     |     |     |
| 26          |     | 41  |     | 112 |     |      |      |     |     |     |     |     |
| 27          |     |     |     |     |     |      |      |     |     |     |     |     |
| 28          |     |     |     |     | 76  |      |      |     |     |     |     |     |
| 29          | 222 |     | 146 |     |     |      |      |     |     |     |     |     |
| 30          |     |     |     | 67  |     |      |      |     |     |     |     |     |
| 31          |     |     |     |     |     |      |      |     |     |     |     |     |
| Min.        | 28  | 41  | 51  | 38  | 38  | 29   |      |     |     |     |     |     |
| Max.        | 224 | 347 | 149 | 194 | 173 | 99   |      |     |     |     |     |     |
| Ave.        | 114 | 138 | 92  | 89  | 93  | 59   |      |     |     |     |     |     |
| No. of Days | 6   | 7   | 8   | 8   | 7   | 4    |      |     |     |     |     |     |

SUSPENDED PARTICULATE (ug/m<sup>3</sup>)  
Springfield Fire Department  
1972

| Day        | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec |
|------------|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|
| 1          |     |     | 56  |     |     | 130  |      |     |     |     |     |     |
| 2          |     |     |     | 42  |     |      |      |     |     |     |     |     |
| 3          |     |     |     |     |     |      |      |     |     |     |     |     |
| 4          |     |     |     |     | 120 |      |      |     |     |     |     |     |
| 5          |     |     | 48  |     |     | 174  |      |     |     |     |     |     |
| 6          |     |     |     | 26  |     |      |      |     |     |     |     |     |
| 7          |     |     |     |     |     |      |      |     |     |     |     |     |
| 8          |     |     |     |     | 59  |      |      |     |     |     |     |     |
| 9          |     |     | 98  |     |     | 41   |      |     |     |     |     |     |
| 10         |     |     |     | 63  |     |      |      |     |     |     |     |     |
| 11         |     |     |     |     |     |      |      |     |     |     |     |     |
| 12         |     |     |     |     | 186 |      |      |     |     |     |     |     |
| 13         |     |     | 64  |     |     | 86   |      |     |     |     |     |     |
| 14         |     |     |     | 114 |     |      |      |     |     |     |     |     |
| 15         |     |     |     |     |     |      |      |     |     |     |     |     |
| 16         |     |     |     |     | 34  |      |      |     |     |     |     |     |
| 17         |     |     | 159 |     |     | 99   |      |     |     |     |     |     |
| 18         |     | 164 |     | 174 |     |      |      |     |     |     |     |     |
| 19         |     |     |     |     |     |      |      |     |     |     |     |     |
| 20         |     |     |     |     | 72  |      |      |     |     |     |     |     |
| 21         |     |     | 77  |     |     | 91   |      |     |     |     |     |     |
| 22         |     | 30  |     | 99  |     |      |      |     |     |     |     |     |
| 23         |     |     |     |     |     |      |      |     |     |     |     |     |
| 24         |     |     |     |     | 99  |      |      |     |     |     |     |     |
| 25         |     |     | 47  |     |     | 37   |      |     |     |     |     |     |
| 26         |     | 41  |     | 103 |     |      |      |     |     |     |     |     |
| 27         |     |     |     |     |     |      |      |     |     |     |     |     |
| 28         |     |     |     |     | 87  |      |      |     |     |     |     |     |
| 29         |     |     | 129 |     |     | 134  |      |     |     |     |     |     |
| 30         |     |     |     | 81  |     |      |      |     |     |     |     |     |
| 31         |     |     |     |     |     |      |      |     |     |     |     |     |
| Min.       |     | 30  | 47  | 26  | 34  | 37   |      |     |     |     |     |     |
| Max.       |     | 164 | 159 | 174 | 186 | 174  |      |     |     |     |     |     |
| Ave.       |     | 78  | 85  | 88  | 94  | 99   |      |     |     |     |     |     |
| No of Days |     | 3   | 8   | 8   | 7   | 8    |      |     |     |     |     |     |

Springfield City Shops  
1972

\*Data from July - December on computer  
print-outs

| Day         | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec |
|-------------|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|
| 1           | 54  |     | 105 |     |     | 182  |      |     |     |     |     |     |
| 2           |     | 212 |     | 37  |     |      |      |     |     |     |     |     |
| 3           |     |     |     |     |     |      |      |     |     |     |     |     |
| 4           |     |     |     |     | 183 |      |      |     |     |     |     |     |
| 5           | 141 |     | 48  |     |     | 165  |      |     |     |     |     |     |
| 6           |     | 57  |     | 34  |     |      |      |     |     |     |     |     |
| 7           |     |     |     |     |     |      |      |     |     |     |     |     |
| 8           |     |     |     |     | 140 |      |      |     |     |     |     |     |
| 9           | 21  |     | 99  |     |     | 51   |      |     |     |     |     |     |
| 10          |     | 140 |     | 65  |     |      |      |     |     |     |     |     |
| 11          |     |     |     |     |     |      |      |     |     |     |     |     |
| 12          |     |     |     |     | 176 |      |      |     |     |     |     |     |
| 13          | 82  |     | 73  |     |     | 124  |      |     |     |     |     |     |
| 14          |     | 55  |     | 105 |     |      |      |     |     |     |     |     |
| 15          |     |     |     |     |     |      |      |     |     |     |     |     |
| 16          |     |     |     |     | 46  |      |      |     |     |     |     |     |
| 17          | 43  |     | 130 |     |     | 91   |      |     |     |     |     |     |
| 18          |     | 115 |     | 135 |     |      |      |     |     |     |     |     |
| 19          |     |     |     |     |     |      |      |     |     |     |     |     |
| 20          |     |     |     |     | 63  |      |      |     |     |     |     |     |
| 21          | 104 |     | 96  |     |     | 124  |      |     |     |     |     |     |
| 22          |     | 37  |     | 71  |     |      |      |     |     |     |     |     |
| 23          |     |     |     |     |     |      |      |     |     |     |     |     |
| 24          |     |     |     |     | 100 |      |      |     |     |     |     |     |
| 25          | 68  |     | 29  |     |     | 32   |      |     |     |     |     |     |
| 26          |     | 76  |     | 109 |     |      |      |     |     |     |     |     |
| 27          |     |     |     |     |     |      |      |     |     |     |     |     |
| 28          |     |     |     |     | 71  |      |      |     |     |     |     |     |
| 29          | 127 |     | 125 |     |     | 185  |      |     |     |     |     |     |
| 30          |     |     |     | 44  |     |      |      |     |     |     |     |     |
| 31          |     |     |     |     |     |      |      |     |     |     |     |     |
| Min.        | 21  | 37  | 29  | 34  | 46  | 32   |      |     |     |     |     |     |
| Max.        | 141 | 212 | 130 | 135 | 183 | 185  |      |     |     |     |     |     |
| Ave.        | 80  | 99  | 88  | 75  | 111 | 119  |      |     |     |     |     |     |
| No. of Days | 8   | 7   | 8   | 8   | 7   | 8    |      |     |     |     |     |     |

SUSPENDED PARTICULATE (ug/m<sup>3</sup>)

Cottage Grove City Hall  
1972

\*Data from July - December on computer  
print-outs

| Day         | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec |
|-------------|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|
| 1           |     |     |     |     |     | 66   |      |     |     |     |     |     |
| 2           |     |     |     | 33  |     |      |      |     |     |     |     |     |
| 3           |     |     |     |     |     |      |      |     |     |     |     |     |
| 4           |     |     |     |     | 63  |      |      |     |     |     |     |     |
| 5           |     |     |     |     |     | 48   |      |     |     |     |     |     |
| 6           |     |     |     | 18  |     |      |      |     |     |     |     |     |
| 7           |     |     |     |     |     |      |      |     |     |     |     |     |
| 8           |     |     |     |     | 26  |      |      |     |     |     |     |     |
| 9           |     |     | 59  |     |     | 20   |      |     |     |     |     |     |
| 10          |     |     |     | 30  |     |      |      |     |     |     |     |     |
| 11          |     |     |     |     |     |      |      |     |     |     |     |     |
| 12          |     |     |     |     | 81  |      |      |     |     |     |     |     |
| 13          |     |     |     |     |     | 19   |      |     |     |     |     |     |
| 14          |     |     |     | 45  |     |      |      |     |     |     |     |     |
| 15          |     |     |     |     |     |      |      |     |     |     |     |     |
| 16          |     |     |     |     | 22  |      |      |     |     |     |     |     |
| 17          |     |     | 51  |     |     | 38   |      |     |     |     |     |     |
| 18          |     |     |     | 55  |     |      |      |     |     |     |     |     |
| 19          |     |     |     |     |     |      |      |     |     |     |     |     |
| 20          |     |     |     |     | 41  |      |      |     |     |     |     |     |
| 21          |     |     | 36  |     |     | 48   |      |     |     |     |     |     |
| 22          |     |     |     | 47  |     |      |      |     |     |     |     |     |
| 23          |     |     |     |     |     |      |      |     |     |     |     |     |
| 24          |     |     |     |     | 51  |      |      |     |     |     |     |     |
| 25          |     |     | 28  |     |     | 14   |      |     |     |     |     |     |
| 26          |     |     |     | 51  |     |      |      |     |     |     |     |     |
| 27          |     |     |     |     |     |      |      |     |     |     |     |     |
| 28          |     |     |     |     | 39  |      |      |     |     |     |     |     |
| 29          |     |     | 62  |     |     | 53   |      |     |     |     |     |     |
| 30          |     |     |     | 36  |     |      |      |     |     |     |     |     |
| 31          |     |     |     |     |     |      |      |     |     |     |     |     |
| Min.        |     |     | 28  | 18  | 22  | 14   |      |     |     |     |     |     |
| Max.        |     |     | 62  | 55  | 81  | 66   |      |     |     |     |     |     |
| Ave.        |     |     | 47  | 39  | 46  | 38   |      |     |     |     |     |     |
| No. of Days |     |     | 5   | 8   | 7   | 8    |      |     |     |     |     |     |

SUSPENDED PARTICULATE (ug/m<sup>3</sup>)

Oakridge Fire Station

1972

\*Data from July - December on computer print-outs

| Day         | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec |
|-------------|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|
| 1           |     |     | 43  |     |     | 53   |      |     |     |     |     |     |
| 2           |     |     |     |     |     |      |      |     |     |     |     |     |
| 3           |     |     |     |     |     |      |      |     |     |     |     |     |
| 4           |     |     |     |     | 119 |      |      |     |     |     |     |     |
| 5           |     |     |     |     |     | 137  |      |     |     |     |     |     |
| 6           |     |     |     |     |     |      |      |     |     |     |     |     |
| 7           |     |     |     |     |     |      |      |     |     |     |     |     |
| 8           |     |     |     |     | 49  |      |      |     |     |     |     |     |
| 9           |     |     | 150 |     |     | 76   |      |     |     |     |     |     |
| 10          |     |     |     | 48  |     |      |      |     |     |     |     |     |
| 11          |     |     |     |     |     |      |      |     |     |     |     |     |
| 12          |     |     |     |     | 149 |      |      |     |     |     |     |     |
| 13          |     |     | 62  |     |     | 74   |      |     |     |     |     |     |
| 14          |     |     |     | 46  |     |      |      |     |     |     |     |     |
| 15          |     |     |     |     |     |      |      |     |     |     |     |     |
| 16          |     |     |     |     |     |      |      |     |     |     |     |     |
| 17          |     |     | 118 |     |     | 73   |      |     |     |     |     |     |
| 18          |     |     |     | 76  |     |      |      |     |     |     |     |     |
| 19          |     |     |     |     |     |      |      |     |     |     |     |     |
| 20          |     |     |     |     | 61  |      |      |     |     |     |     |     |
| 21          |     |     | 102 |     |     | 64   |      |     |     |     |     |     |
| 22          |     |     |     | 65  |     |      |      |     |     |     |     |     |
| 23          |     |     |     |     |     |      |      |     |     |     |     |     |
| 24          |     |     |     |     | 69  |      |      |     |     |     |     |     |
| 25          |     |     |     |     |     | 36   |      |     |     |     |     |     |
| 26          |     |     |     | 55  |     |      |      |     |     |     |     |     |
| 27          |     |     |     |     |     |      |      |     |     |     |     |     |
| 28          |     |     |     |     |     |      |      |     |     |     |     |     |
| 29          |     |     | 69  |     |     | 112  |      |     |     |     |     |     |
| 30          |     |     |     | 48  |     |      |      |     |     |     |     |     |
| 31          |     |     |     |     |     |      |      |     |     |     |     |     |
| Min.        |     |     | 43  | 46  | 49  | 36   |      |     |     |     |     |     |
| Max.        |     |     | 150 | 76  | 149 | 137  |      |     |     |     |     |     |
| Ave.        |     |     | 85  | 56  | 89  | 78   |      |     |     |     |     |     |
| No. of Days |     |     | 7   | 6   | 5   | 8    |      |     |     |     |     |     |

SUSPENDED PARTICULATE (ug/m<sup>3</sup>)

Junction City Offices

1972

\*Data from July - December on computer print-outs

| Day         | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec |
|-------------|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|
| 1           | 56  |     | 53  |     |     |      |      |     |     |     |     |     |
| 2           |     | 155 |     | 33  |     |      |      |     |     |     |     |     |
| 3           |     |     |     |     |     |      |      |     |     |     |     |     |
| 4           |     |     |     |     | 78  |      |      |     |     |     |     |     |
| 5           | 154 |     | 31  |     |     | 133  |      |     |     |     |     |     |
| 6           |     | 40  |     | 33  |     |      |      |     |     |     |     |     |
| 7           |     |     |     |     |     |      |      |     |     |     |     |     |
| 8           |     |     |     |     | 61  |      |      |     |     |     |     |     |
| 9           | 21  |     | 88  |     |     | 36   |      |     |     |     |     |     |
| 10          |     | 116 |     | 49  |     |      |      |     |     |     |     |     |
| 11          |     |     |     |     |     |      |      |     |     |     |     |     |
| 12          |     |     |     |     | 139 |      |      |     |     |     |     |     |
| 13          | 74  |     | 42  |     |     | 40   |      |     |     |     |     |     |
| 14          |     | 44  |     | 52  |     |      |      |     |     |     |     |     |
| 15          |     |     |     |     |     |      |      |     |     |     |     |     |
| 16          |     |     |     |     | 28  |      |      |     |     |     |     |     |
| 17          | 44  |     | 88  |     |     | 43   |      |     |     |     |     |     |
| 18          |     | 99  |     | 56  |     |      |      |     |     |     |     |     |
| 19          |     |     |     |     |     |      |      |     |     |     |     |     |
| 20          |     |     |     |     | 52  |      |      |     |     |     |     |     |
| 21          | 44  |     | 50  |     |     | 64   |      |     |     |     |     |     |
| 22          |     | 45  |     | 53  |     |      |      |     |     |     |     |     |
| 23          |     |     |     |     |     |      |      |     |     |     |     |     |
| 24          |     |     |     |     | 60  |      |      |     |     |     |     |     |
| 25          | 44  |     | 25  |     |     | 18   |      |     |     |     |     |     |
| 26          |     | 29  |     | 75  |     |      |      |     |     |     |     |     |
| 27          |     |     |     |     |     |      |      |     |     |     |     |     |
| 28          |     |     |     |     | 56  |      |      |     |     |     |     |     |
| 29          | 104 |     | 89  |     |     | 85   |      |     |     |     |     |     |
| 30          |     |     |     | 41  |     |      |      |     |     |     |     |     |
| 31          |     |     |     |     |     |      |      |     |     |     |     |     |
| Min.        | 21  | 29  | 25  | 33  | 28  | 18   |      |     |     |     |     |     |
| Max.        | 154 | 155 | 89  | 75  | 139 | 133  |      |     |     |     |     |     |
| Ave.        | 68  | 75  | 58  | 49  | 68  | 60   |      |     |     |     |     |     |
| No. of Days | 8   | 7   | 8   | 8   | 7   | 7    |      |     |     |     |     |     |



SUSPENDED PARTICULATE (ug/m<sup>3</sup>)

LRAPA, Airport

1972

\*Data from July - December on computer

print outs

| Day         | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec |
|-------------|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|
| 1           | 22  |     | 10  |     |     | 75   |      |     |     |     |     |     |
| 2           |     | 86  |     | 20  |     |      |      |     |     |     |     |     |
| 3           |     |     |     |     |     |      |      |     |     |     |     |     |
| 4           |     |     |     |     | 54  |      |      |     |     |     |     |     |
| 5           | 70  |     | 10  |     |     | 85   |      |     |     |     |     |     |
| 6           |     | 27  |     | 10  |     |      |      |     |     |     |     |     |
| 7           |     |     |     |     |     |      |      |     |     |     |     |     |
| 8           |     |     |     |     | 25  |      |      |     |     |     |     |     |
| 9           | 7   |     | 55  |     |     | 16   |      |     |     |     |     |     |
| 10          |     | 57  |     | 15  |     |      |      |     |     |     |     |     |
| 11          |     |     |     |     |     |      |      |     |     |     |     |     |
| 12          |     |     |     |     | 78  |      |      |     |     |     |     |     |
| 13          | 19  |     | 10  |     |     | 53   |      |     |     |     |     |     |
| 14          |     | 5   |     | 22  |     |      |      |     |     |     |     |     |
| 15          |     |     |     |     |     |      |      |     |     |     |     |     |
| 16          |     |     |     |     | 15  |      |      |     |     |     |     |     |
| 17          | 9   |     | 27  |     |     | 36   |      |     |     |     |     |     |
| 18          |     | 48  |     | 32  |     |      |      |     |     |     |     |     |
| 19          |     |     |     |     |     |      |      |     |     |     |     |     |
| 20          |     |     |     |     | 24  |      |      |     |     |     |     |     |
| 21          | 17  |     | 23  |     |     | 63   |      |     |     |     |     |     |
| 22          |     | 13  |     | 27  |     |      |      |     |     |     |     |     |
| 23          |     |     |     |     |     |      |      |     |     |     |     |     |
| 24          |     |     |     |     | 35  |      |      |     |     |     |     |     |
| 25          | 23  |     | 5   |     |     | 10   |      |     |     |     |     |     |
| 26          |     | 17  |     | 42  |     |      |      |     |     |     |     |     |
| 27          |     |     |     |     |     |      |      |     |     |     |     |     |
| 28          |     |     |     |     | 32  |      |      |     |     |     |     |     |
| 29          | 29  |     | 62  |     |     | 45   |      |     |     |     |     |     |
| 30          |     |     |     | 17  |     |      |      |     |     |     |     |     |
| 31          |     |     |     |     |     |      |      |     |     |     |     |     |
| Min.        | 7   | 5   | 5   | 10  | 15  | 10   |      |     |     |     |     |     |
| Max.        | 70  | 86  | 62  | 42  | 78  | 85   |      |     |     |     |     |     |
| Ave.        | 25  | 36  | 25  | 23  | 38  | 48   |      |     |     |     |     |     |
| No. of Days | 8   | 7   | 8   | 8   | 7   | 8    |      |     |     |     |     |     |



SUSPENDED PARTICULATE INDEX (SPI)  
CONTINUOUS AIR MONITORING STATION

11th at Willamette Street

January 1972 February

| Day | Max ug/m <sup>3</sup> During 24 Hours |       |        |        | 24 Hour Ave. | Max. ug/m <sup>3</sup> During 24 Hours |       |        |        | 24 Hour Ave. |
|-----|---------------------------------------|-------|--------|--------|--------------|--|-------|--------|--------|--------------|
|     | 1 Hour                                | Time  | 8 Hour | Time   |              | 1 Hour                                 | Time  | 8 Hour | Time   |              |
| 1   | 73                                    | 6 PM  | 40     | 5-12M  | 26           | -                                      | -     | -      | -      | -            |
| 2   | 26                                    | NA(1) | 18     | 5-12M  | 16           | -                                      | -     | -      | -      | -            |
| 3   | 169                                   | 9 PM  | 81     | 5-12M  | 57           | -                                      | -     | -      | -      | -            |
| 4   | 169                                   | 7 PM  | 95     | 5-12M  | 74           | -                                      | -     | -      | -      | -            |
| 5   | 113                                   | 8 PM  | 67     | 5-12M  | 51           | -                                      | -     | -      | -      | -            |
| 6   | 137                                   | 10 PM | 95     | 5-12M  | 62           | -                                      | -     | -      | -      | -            |
| 7   | 87                                    | 9 AM  | 46     | 5-12M  | 43           | -                                      | -     | -      | -      | -            |
| 8   | 30                                    | 9 AM  | 13     | 5-12M  | 12           | -                                      | -     | -      | -      | -            |
| 9   | 30                                    | 5 PM  | 14     | 5-12M  | 9            | -                                      | -     | -      | -      | -            |
| 10  | 26                                    | NA(1) | 24     | 9-4 PM | 15           | -                                      | -     | -      | -      | -            |
| 11  | 23                                    | 3 PM  | 20     | 9-4 PM | 11           | -                                      | -     | -      | -      | -            |
| 12  | 26                                    | 11 PM | 21     | 9-4 PM | 14           | -                                      | -     | -      | -      | -            |
| 13  | 133                                   | 9 PM  | 86     | 5-12M  | 17           | -                                      | -     | -      | -      | -            |
| 14  | -                                     | -     | -      | -      | -            | -                                      | -     | -      | -      | -            |
| 15  | -                                     | -     | -      | -      | -            | 23                                     | NA(1) | NA(2)  | NA(2)  | NA(2)        |
| 16  | -                                     | -     | -      | -      | -            | 38                                     | NA(1) | 29     | 5-12 M | 21           |
| 17  | NA(2)                                 | NA(2) | NA(2)  | NA(2)  | NA(2)        | 50                                     | 12 M  | 40     | 5-12 M | 26           |
| 18  | 30                                    | 12N   | 25     | 9-4 PM | 17           | 94                                     | 8 PM  | 68     | 5-12 M | 48           |
| 19  | 26                                    | NA(1) | 24     | 9-4 PM | 16           | 70                                     | 5 AM  | 50     | 1-8 AM | 28           |
| 20  | 38                                    | 11 AM | 27     | 9-4 PM | 16           | 169                                    | 8 PM  | 50     | 5-12 M | 25           |
| 21  | 145                                   | 7 PM  | 63     | 5-12M  | 36           | NA(2)                                  | NA(2) | NA(2)  | NA(2)  | NA(2)        |
| 22  | 137                                   | 4 PM  | 56     | 9-4 PM | 38           | NA(2)                                  | NA(2) | NA(2)  | NA(2)  | NA(2)        |
| 23  | 42                                    | 5 PM  | 22     | 5-12M  | 14           | 38                                     | 12 N  | 25     | 9-4 PM | 17           |
| 24  | NA(2)                                 | NA(2) | NA(2)  | NA(2)  | NA(2)        | 23                                     | NA(1) | 18     | 9-4 PM | 14           |
| 25  | -                                     | -     | -      | -      | -            | 30                                     | NA(1) | 22     | 9-4 PM | 18           |
| 26  | -                                     | -     | -      | -      | -            | 62                                     | 6 PM  | 38     | 5-12 M | 25           |
| 27  | -                                     | -     | -      | -      | -            | 9                                      | NA(1) | 7      | 5-12 M | 6            |
| 28  | -                                     | -     | -      | -      | -            | 38                                     | 3 PM  | 26     | 9-4 PM | 13           |
| 29  | -                                     | -     | -      | -      | -            | 46                                     | 7 PM  | 28     | 5-12 M | 19           |
| 30  | -                                     | -     | -      | -      | -            | -                                      | -     | -      | -      | -            |
| 31  | -                                     | -     | -      | -      | -            | -                                      | -     | -      | -      | -            |

NA(1) = Not applicable due to max. concentration level continuing longer than time indicated.

NA(2) = Not applicable since instrument was not recording data continuously during 24 hour period.

SUSPENDED PARTICULATE INDEX (SPI)  
CONTINUOUS AIR MONITORING STATION

11th at Willamette Street

1972

March

April

| Day | Max ug/m <sup>3</sup> During 24 Hours |       |        |        | 24 Hour Ave. | Max. ug/m <sup>3</sup> During 24 Hours |       |        |        | 24 Hour Ave. |
|-----|---------------------------------------|-------|--------|--------|--------------|--|-------|--------|--------|--------------|
|     | 1 Hour                                | Time  | 8 Hour | Time   |              | 1 Hour                                 | Time  | 8 Hour | Time   |              |
| 1   | 50                                    | 11 AM | 27     | 9-4 PM | 15           |  |       |        |        |              |
| 2   | 42                                    | 12 AM | 23     | 9-4 PM | 14           |  |       |        |        |              |
| 3   | 38                                    | 9 PM  | 27     | 5-12 M | 21           |  |       |        |        |              |
| 4   | 46                                    | 11 AM | 23     | 1-8 AM | 17           |  |       |        |        |              |
| 5   | 12                                    | 5 PM  | 8      | 9-4 PM | 7            |  |       |        |        |              |
| 6   | 98                                    | 9 PM  | 59     | 5-12 M | 35           |  |       |        |        |              |
| 7   | 113                                   | 9 PM  | 79     | 5-12 M | 58           |  |       |        |        |              |
| 8   | 98                                    | 4 PM  | 76     | 9-4 PM | 60           |  |       |        |        |              |
| 9   | 77                                    | 6 PM  | 56     | 9-4 PM | 47           |  |       |        |        |              |
| 10  | -                                     | -     | -      | -      | -            |  |       |        |        |              |
| 11  | -                                     | -     | -      | -      | -            | 46                                     | 6 AM  | 27     | 1-8 AM | 17           |
| 12  | -                                     | -     | -      | -      | -            | 23                                     | NA(1) | 19     | 9-4 PM | 12           |
| 13  | -                                     | -     | -      | -      | -            | 12                                     | NA(1) | NA(2)  | -      | NA(2)        |
| 14  | 94                                    | 12 PM | 74     | 5-12 M | 51           |  |       |        |        |              |
| 15  | 77                                    | 11 PM | 47     | 1-8 AM | 43           |  |       |        |        |              |
| 16  | 109                                   | 8 PM  | 89     | 5-12 M | 68           | 46                                     | 9 PM  | NA(2)  | -      | NA(2)        |
| 17  | 77                                    | 1 AM  | 50     | 1-8 AM | 34           |  |       |        |        |              |
| 18  | 66                                    | 12 M  | 40     | 9-4 PM | 26           |  |       |        |        |              |
| 19  | 46                                    | 11 PM | 25     | 5-12 M | 15           |  |       |        |        |              |
| 20  | 109                                   | 10 AM | 79     | 9-4 PM | 56           |  |       |        |        |              |
| 21  | 38                                    | NA(1) | 27     | 1-8 AM | 22           |  |       |        |        |              |
| 22  | 58                                    | 2 PM  | 45     | 9-4 PM | 27           |  |       |        |        |              |
| 23  | 54                                    | 11 AM | 27     | 9-4 PM | 22           |  |       |        |        |              |
| 24  | 34                                    | 2 PM  | 27     | 9-4 PM | 17           |  |       |        |        |              |
| 25  | 50                                    | 11 PM | 31     | 5-12 M | 18           |  |       |        |        |              |
| 26  | 70                                    | NA(1) | 37     | 5-12 M | 21           |  |       |        |        |              |
| 27  | 30                                    | 12 M  | 22     | 1-8 AM | 20           | 73                                     | 9 AM  | NA(2)  | -      | NA(2)        |
| 28  | 70                                    | 11 PM | 43     | 5-12 M | 30           |  |       |        |        |              |
| 29  | 91                                    | 10 PM | 63     | 5-12 M | 48           |  |       |        |        |              |
| 30  | 87                                    | 9 PM  | 50     | 5-12 M | 46           |  |       |        |        |              |
| 31  | 46                                    | 11 AM | -      | NA(2)  | NA(2)        |  |       |        |        |              |

NA(1) = Not applicable due to max. concentration level continuing longer than time indicated.  
NA(2) = Not applicable since instrument was not recording data continuously during 24 hour period.

SUSPENDED PARTICULATE INDEX (SPI)  
CONTINUOUS AIR MONITORING STATION

11th at Willamette Street

May

1972

June

| Day | Max ug/m <sup>3</sup> During 24 Hours |         |        |          | 24 Hour Ave. | Max. ug/m <sup>3</sup> During 24 Hours |         |        |          | 24 Hour Ave. |
|-----|---------------------------------------|---------|--------|----------|--------------|--|---------|--------|----------|--------------|
|     | 1 Hour                                | Time    | 8 Hour | Time     |              | 1 Hour                                 | Time    | 8 Hour | Time     |              |
| 1   | 54                                    | 9 A.M.  | 31     | 9-4 P.M. | NA(2)        | 302                                    | 10 A.M. | 173    | 9-4 P.M. | 70           |
| 2   | 166                                   | 9 A.M.  | 112    | 9-4 P.M. | 52           | 188                                    | 10 A.M. | 130    | 9-4 P.M. | 61           |
| 3   | 70                                    | 8 A.M.  | 24     | 9-4 P.M. | 16           | 129                                    | 10 A.M. | 52     | 9-4 P.M. | 23           |
| 4   | 42                                    | 7 A.M.  | 25     | 1-8 A.M. | 15           | 16                                     | NA(1)   | 12     | NA(1)    | 11           |
| 5   | 12                                    | NA(1)   | 8      | 1-8 A.M. | 5            | 223                                    | NA(1)   | 160    | 9-4 P.M. | NA(2)        |
| 6   | 1                                     | NA(1)   | 1      | 9-4 P.M. | 0            | 275                                    | 3 P.M.  | 234    | 9-4 P.M. | 98           |
| 7   | 1                                     | NA(1)   | 0      | NA(1)    | 0            | 342                                    | 10 A.M. | 234    | 9-4 P.M. | 98           |
| 8   | -                                     | -       | -      | -        | NA(2)        | 309                                    | 12 N    | 174    | 9-4 P.M. | 77           |
| 9   | -                                     | -       | -      | -        | NA (2)       | 305                                    | 4 P.M.  | 212    | 9-4 P.M. | 99           |
| 10  | -                                     | -       | -      | -        | NA(2)        | 159                                    | 11 A.M. | 77     | 9-4 P.M. | 35           |
| 11  | 70                                    | 9 A.M.  | 35     | 9-4 P.M. | 18           | 16                                     | NA(1)   | 13     | 1-8 A.M. | 11           |
| 12  | 370                                   | 12 N    | 279    | 9-4 P.M. | 115          | 283                                    | 10 A.M. | 194    | 9-4 P.M. | 82           |
| 13  | 113                                   | 11 A.M. | 47     | 9-4 P.M. | 25           | 271                                    | 10 A.M. | 164    | 9-4 P.M. | 73           |
| 14  | 23                                    | 8 P.M.  | 15     | 5-12 M   | 12           | 248                                    | 1 P.M.  | 203    | 9-4 P.M. | 91           |
| 15  | 176                                   | 9 A.M.  | 97     | 9-4 P.M. | 46           | 370                                    | 11 A.M. | 325    | 9-4 P.M. | 142          |
| 16  | 302                                   | 10 A.M. | 255    | 9-4 P.M. | 116          | 312                                    | 3 P.M.  | 204    | 9-4 P.M. | 84           |
| 17  | 366                                   | 11 A.M. | 301    | 9-4 P.M. | 136          | 77                                     | 11 A.M. | 39     | 9-4 P.M. | 16           |
| 18  | 346                                   | 10 A.M. | 294    | 9-4 P.M. | 126          | 16                                     | NA (1)  | 12     | 1-8 A.M. | 10           |
| 19  | 279                                   | 10 A.M. | 231    | 9-4 P.M. | 109          | 312                                    | 9 A.M.  | 204    | 9-4 P.M. | 80           |
| 20  | 117                                   | 11 A.M. | 48     | 9-4 P.M. | 26           | 275                                    | 12 N    | 171    | 9-4 P.M. | 70           |
| 21  | 12                                    | NA(1)   | 10     | 5-12 M   | 9            | 298                                    | 9 A.M.  | 190    | 9-4 P.M. | 80           |
| 22  | 370                                   | NA(1)   | 344    | 9-4 P.M. | 150          | 279                                    | 11 A.M. | 183    | 9-4 P.M. | NA (2)       |
| 23  | 342                                   | 10 A.M. | 286    | 9-4 P.M. | 117          | 255                                    | 9 A.M.  | 173    | 9-4 P.M. | 77           |
| 24  | 305                                   | 1 P.M.  | 265    | 9-4 P.M. | 106          | 46                                     | 10 A.M. | 22     | 9-4 P.M. | 13           |
| 25  | 370                                   | 2 P.M.  | 295    | 9-4 P.M. | 135          | 84                                     | 11 A.M. | 40     | 9-4 P.M. | 21           |
| 26  | 366                                   | 1 P.M.  | 284    | 9-4 P.M. | 120          | 267                                    | 9 A.M.  | 168    | 9-4 P.M. | 78           |
| 27  | 77                                    | 11 A.M. | 43     | 9-4 P.M. | 26           | 212                                    | 10 A.M. | 156    | 9-4 P.M. | 74           |
| 28  | 19                                    | NA(1)   | 18     | 9-4 P.M. | 16           | 220                                    | 9 A.M.  | 142    | 9-4 P.M. | 63           |
| 29  | 100                                   | 11 A.M. | 54     | 9-4 P.M. | NA(2)        | 259                                    | 9 A.M.  | 163    | 9-4 P.M. | 68           |
| 30  | -                                     | -       | -      | -        | NA(2)        | 184                                    | NA(1)   | 138    | 9-4 P.M. | 60           |
| 31  | 34                                    | 8 A.M.  | 1      | 5-12 M   | NA(2)        |  |         |        |          |              |

NA(1) = Not applicable due to max. concentration level continuing longer than time indicated.

NA(2) = Not applicable since instrument was not recording data continuously during 24 hour period.

SUMMARY  
SUSPENDED PARTICULATE INDEX

Continuous Air Monitoring Station

11th at Willamette Street

1972

| Month          | Maximum (ug/m <sup>3</sup> )                      |        |         | Monthly Average |
|----------------|---|--------|---------|-----------------|
|                | 1 Hour  | 8 Hour | 24 Hour |                 |
| January        | 169   | 95     | 74      | 29              |
| February       | 169   | 68     | 48      | 22              |
| March          | 113   | 89     | 68      | 32              |
| April          | -   | -      | -       | -               |
| May            | 370   | 301    | 150     | 62              |
| June           | 370   | 325    | 142     | 63              |
| July           | *Data from July - December on computer print-outs |        |         |                 |
| August         |   |        |         |                 |
| September      |   |        |         |                 |
| October        |   |        |         |                 |
| November       |   |        |         |                 |
| December       |   |        |         |                 |
| Yearly Average |   |        |         |                 |

CONTINUOUS AIR MONITORING STATION

11th at Willamette Street

January

1972

February

| Day | Max mg/m <sup>3</sup> During 24 Hours |       |        |        | 24 Hour Ave. | Max. mg/m <sup>3</sup> During 24 Hours |       |        |        | 24 Hour Ave. |
|-----|---------------------------------------|-------|--------|--------|--------------|--|-------|--------|--------|--------------|
|     | 1 Hour                                | Time  | 8 Hour | Time   |              | 1 Hour                                 | Time  | 8 Hour | Time   |              |
| 1   | 3.5                                   | 7 PM  | 2.0    | 5-12 M | 1.2          | 5.2                                    | NA(1) | 4.0    | 5-12 M | 3.1          |
| 2   | 1.7                                   | NA(1) | 1.0    | 9-4 PM | 0.9          | 8.6                                    | 5 PM  | 6.6    | 5-12 M | 4.2          |
| 3   | 5.8                                   | NA(1) | 3.6    | 9-4 PM | 2.6          | 10.9                                   | 6 PM  | 5.9    | 5-12 M | 4.5          |
| 4   | 11.5                                  | 5 PM  | 6.3    | 5-12 M | 4.9          | 7.2                                    | 4 PM  | 5.3    | 9-4 PM | 3.8          |
| 5   | 15.5                                  | 5 PM  | 7.1    | 9-4 PM | 5.4          | 11.5                                   | 1 PM  | NA(2)  | NA(2)  | NA(2)        |
| 6   | NA(2)                                 | NA(2) | NA(2)  | NA(2)  | NA(2)        | 4.6                                    | NA(1) | 3.1    | 5-12 M | 2.7          |
| 7   | -                                     | -     | -      | -      | -            | -                                      | -     | -      | -      | -            |
| 8   | -                                     | -     | -      | -      | -            | -                                      | -     | -      | -      | -            |
| 9   | -                                     | -     | -      | -      | -            | 9.2                                    | 9 PM  | 7.8    | 5-12 M | 5.9          |
| 10  | -                                     | -     | -      | -      | -            | 10.4                                   | 6 PM  | 7.7    | 5-12 M | 5.8          |
| 11  | -                                     | -     | -      | -      | -            | 5.8                                    | 9 PM  | 3.6    | 5-12 M | 3.2          |
| 12  | -                                     | -     | -      | -      | -            | 2.9                                    | NA(1) | 2.9    | 5-12 M | 2.6          |
| 13  | 9.8                                   | 5 PM  | NA(2)  | NA(2)  | NA(2)        | 4.0                                    | NA(1) | 3.7    | 5-12 M | 3.0          |
| 14  | 10.9                                  | 5 PM  | 7.4    | 5-12 M | 5.7          | 4.0                                    | 9 AM  | NA(2)  | NA(2)  | 1.9          |
| 15  | 5.8                                   | 11 PM | 4.4    | 5-12 M | 3.9          | 4.0                                    | 7 PM  | 2.7    | 5-12 M | 2.2          |
| 16  | 4.6                                   | 5 PM  | 2.9    | 9-4 PM | 2.3          | 5.2                                    | 10 PM | 4.4    | 5-12 M | 3.1          |
| 17  | 5.8                                   | 9 AM  | 4.1    | 9-4 PM | 2.8          | 5.8                                    | 5 PM  | 4.0    | 5-12 M | 3.0          |
| 18  | 2.3                                   | NA(1) | 1.8    | 9-4 PM | 1.7          | 9.8                                    | 5 PM  | 6.6    | 5-12 M | 4.9          |
| 19  | 2.3                                   | NA(1) | NA(2)  | NA(2)  | NA(2)        | 4.0                                    | 2 AM  | 2.7    | 1-8 AM | 2.6          |
| 20  | 1.7                                   | NA(1) | 1.6    | 1-8 AM | 1.1          | 4.0                                    | 7 PM  | 3.1    | 5-12 M | 2.1          |
| 21  | 6.3                                   | 5 PM  | 4.3    | 9-4 PM | 2.9          | 7.5                                    | 5 PM  | 3.8    | 9-4 PM | 2.7          |
| 22  | 4.0                                   | NA(1) | 2.7    | 9-4 PM | 1.9          | 2.9                                    | NA(1) | 2.2    | 5-12 M | 1.6          |
| 23  | 2.9                                   | 5 PM  | 1.3    | 5-12 M | 1.0          | 2.9                                    | 8 AM  | 1.6    | NA(1)  | 1.5          |
| 24  | 2.9                                   | 8 AM  | 1.7    | 9-4 PM | 1.6          | 3.5                                    | NA(1) | 2.5    | 9-4 PM | 1.8          |
| 25  | 4.0                                   | 4 PM  | 2.7    | 9-4 PM | 2.0          | 4.6                                    | NA(1) | 3.6    | 5-12 M | 2.8          |
| 26  | 5.2                                   | 5 PM  | 2.0    | 5-12 M | 1.8          | 8.1                                    | 1 PM  | 5.9    | 9-4 PM | 4.5          |
| 27  | 5.2                                   | 5 PM  | 2.6    | 5-12 M | 1.9          | 3.5                                    | NA(1) | 2.9    | 1-8 AM | 2.6          |
| 28  | -                                     | -     | -      | -      | -            | 3.5                                    | NA(1) | 2.6    | 9-4 PM | 2.2          |
| 29  | -                                     | -     | -      | -      | -            | 5.2                                    | 5 PM  | 3.7    | 5-12 M | 3.0          |
| 30  | -                                     | -     | -      | -      | -            | -                                      | -     | -      | -      | -            |
| 31  | -                                     | -     | -      | -      | -            | -                                      | -     | -      | -      | -            |

NA(1) = Not applicable due to max. concentration level continuing longer than time indicated.

NA(2) = Not applicable since instrument was not recording data continuously during 24 hour period.

CONTINUOUS AIR MONITORING STATION

11th at Willamette Street

1972

March

April

| Day | Max mg/m <sup>3</sup> During 24 Hours |       |        |        | 24 Hour Ave. | Max. mg/m <sup>3</sup> During 24 Hours |       |        |        | 24 Hour Ave. |
|-----|---------------------------------------|-------|--------|--------|--------------|--|-------|--------|--------|--------------|
|     | 1 Hour                                | Time  | 8 Hour | Time   |              | 1 Hour                                 | Time  | 8 Hour | Time   |              |
| 1   | 7.5                                   | 11 AM | 3.5    | 9-4 PM | 2.5          | 5.8                                    | 4 PM  | 4.3    | 9-4 PM | 3.2          |
| 2   | 8.1                                   | 12 N  | 5.1    | 9-4 PM | 2.9          | 2.9                                    | NA(1) | 2.5    | 5-12 M | 2.0          |
| 3   | 8.1                                   | 5 PM  | 4.6    | 5-12 M | 3.3          | 6.9                                    | 5 PM  | 4.4    | NA(1)  | 3.9          |
| 4   | 5.8                                   | 11 AM | 4.3    | 9-4 PM | 3.1          | 5.2                                    | 5 PM  | 4.2    | 9-4 PM | 3.4          |
| 5   | 3.5                                   | 5 PM  | 2.5    | NA(1)  | 2.4          | 4.0                                    | 8 AM  | 2.4    | NA(1)  | 2.4          |
| 6   | 5.8                                   | 5 PM  | 3.8    | 9-4 PM | 3.2          | 2.9                                    | NA(1) | 2.5    | 9-4 PM | 2.2          |
| 7   | 8.1                                   | NA(1) | 6.7    | 5-12 M | 4.2          | 3.5                                    | 8 PM  | 2.5    | 5-12 M | 2.2          |
| 8   | 10.4                                  | 8 AM  | 5.2    | 9-4 PM | 4.5          | 2.9                                    | NA(1) | 2.4    | NA(1)  | 2.2          |
| 9   | 6.3                                   | NA(1) | 4.6    | 9-4 PM | 3.8          | 3.5                                    | NA(1) | 2.8    | 5-12 M | 2.5          |
| 10  | 8.1                                   | 8 AM  | 3.3    | 1-8 AM | 2.7          | 4.6                                    | 6 PM  | 3.3    | 5-12 M | 2.7          |
| 11  | 4.6                                   | 6 PM  | 3.0    | 5-12 M | 2.3          | 3.5                                    | NA(1) | 3.1    | 9-4 PM | 2.6          |
| 12  | 3.5                                   | 10 PM | 2.0    | 9-4 PM | 1.9          | 3.5                                    | NA(1) | 2.9    | 5-12 M | 2.5          |
| 13  | 7.5                                   | 5 PM  | 5.4    | 5-12 M | 3.8          | 4.0                                    | NA(1) | 3.0    | NA(1)  | 2.9          |
| 14  | 8.1                                   | 5 PM  | 6.1    | 5-12 M | 4.9          | 5.2                                    | NA(1) | 4.5    | 5-12 M | 3.2          |
| 15  | 5.8                                   | NA(1) | 4.5    | 5-12 M | 3.5          | 4.0                                    | NA(1) | 3.8    | 9-4 PM | 3.2          |
| 16  | 8.6                                   | 10 PM | 6.1    | 5-12 M | 4.0          | 5.2                                    | 10 PM | NA(2)  | -      | NA(2)        |
| 17  | 5.2                                   | 7 AM  | 3.3    | 9-4 PM | 3.0          | 4.6                                    | 10 PM | 3.6    | 5-12 M | 3.2          |
| 18  | 4.0                                   | 10 PM | 3.0    | 5-12 M | 2.0          | 4.6                                    | 5 PM  | 3.1    | 5-12 M | 2.9          |
| 19  | 2.3                                   | NA(1) | 2.0    | 5-12 M | 1.5          | 4.6                                    | 5 PM  | 3.3    | 9-4 PM | 2.7          |
| 20  | 6.9                                   | 5 PM  | 4.8    | 5-12 M | 3.5          | 5.2                                    | 4 PM  | NA(2)  | -      | NA(2)        |
| 21  | 8.6                                   | 5 PM  | 5.3    | 5-12 M | 4.0          | 3.5                                    | 4 PM  | 2.2    | 9-4 PM | 1.6          |
| 22  | 4.0                                   | NA(1) | 4.0    | 1-8 AM | 2.8          | 5.8                                    | NA(1) | 4.5    | 5-12 M | 2.7          |
| 23  | 2.9                                   | 7 PM  | 2.2    | 5-12 M | 1.5          | 4.0                                    | 1 AM  | 2.4    | 9-4 PM | 2.3          |
| 24  | 4.6                                   | 5 PM  | 3.1    | 9-4 PM | 2.4          | 2.9                                    | NA(1) | 2.0    | 9-4 PM | 1.9          |
| 25  | 3.5                                   | 12 M  | 2.7    | 5-12 M | 2.1          | 4.0                                    | NA(1) | 3.3    | 5-12 M | 2.6          |
| 26  | 3.5                                   | NA(1) | 2.8    | 5-12 M | 2.1          | 5.8                                    | 9 PM  | 4.3    | 5-12 M | 3.2          |
| 27  | 4.6                                   | 4 PM  | 2.2    | NA(1)  | 2.1          | 5.2                                    | 7 AM  | 3.4    | 1-8 AM | 3.0          |
| 28  | 4.6                                   | 9 PM  | 3.4    | 5-12 M | 2.6          | 5.2                                    | 11 PM | 4.0    | 5-12 M | 3.0          |
| 29  | 5.2                                   | NA(1) | 4.3    | 5-12 M | 3.1          | 4.6                                    | 12 M  | 3.3    | 5-12 M | 2.8          |
| 30  | 6.9                                   | 9 PM  | 4.8    | 5-12 M | 3.3          | 4.0                                    | 1 AM  | 3.1    | 5-12 M | 2.7          |
| 31  | 5.8                                   | 4 PM  | 4.0    | 5-12 M | 3.2          |  |       |        |        |              |

NA(1) = Not applicable due to max. concentration level continuing longer than time indicated.

NA(2) = Not applicable since instrument was not recording data continuously during 24 hour period.



CONTINUOUS AIR MONITORING STATION

11th at Willamette Street

May

1972

June

| Day | Max mg/m <sup>3</sup> During 24 Hours |         |        |          | 24 Hour Ave. | Max. mg/m <sup>3</sup> During 24 Hours |        |        |          | 24 Hour Ave. |
|-----|---------------------------------------|---------|--------|----------|--------------|--|--------|--------|----------|--------------|
|     | 1 Hour                                | Time    | 8 Hour | Time     |              | 1 Hour                                 | Time   | 8 Hour | Time     |              |
| 1   | 4.0                                   | NA(1)   | 3.2    | 5-12 M   | 3.1          | 5.2                                    | NA(1)  | 4.9    | 9-4 P.M. | 3.2          |
| 2   | 4.6                                   | 7 A.M.  | 2.8    | 9-4 P.M. | 2.6          | 6.9                                    | 4 P.M. | 5.4    | 9-4 P.M. | 4.4          |
| 3   | 4.6                                   | 5 P.M.  | 2.7    | NA(1)    | 2.7          | 5.8                                    | NA(1)  | 4.0    | 5-12 M   | 3.3          |
| 4   | 3.5                                   | NA(1)   | 2.8    | 5-12 M   | 2.6          | 5.2                                    | NA(1)  | 4.0    | 5-12 M   | 3.0          |
| 5   | 3.5                                   | NA(1)   | 2.9    | 5-12 M   | 2.5          | 6.3                                    | NA(1)  | 5.1    | 9-4 P.M. | 4.5          |
| 6   | 2.9                                   | NA(1)   | 2.5    | NA(1)    | 2.3          | 13.8                                   | NA(1)  | 5.2    | 9-4 P.M. | NA(2)        |
| 7   | 2.9                                   | NA(1)   | 2.9    | NA(1)    | 2.4          | 4.0                                    | NA(1)  | 3.8    | 9-4 P.M. | NA(2)        |
| 8   | -                                     | -       | -      | -        | -            | 4.0                                    | NA(1)  | 3.3    | 9-4 P.M. | 2.8          |
| 9   | -                                     | -       | -      | -        | -            | 8.1                                    | 5 P.M. | 5.3    | 9-4 P.M. | 3.2          |
| 10  | -                                     | -       | -      | -        | -            | 2.3                                    | NA(1)  | 1.7    | 5-12 M   | 1.3          |
| 11  | -                                     | -       | -      | -        | -            | 1.7                                    | 8 P.M. | 3.8    | 1-8 A.M. | 2.0          |
| 12  | -                                     | -       | -      | -        | -            | 3.5                                    | NA(1)  | 2.9    | 9-4 P.M. | 2.0          |
| 13  | -                                     | -       | -      | -        | -            | 5.2                                    | 9 P.M. | 3.6    | 5-12 M   | 2.5          |
| 14  | -                                     | -       | -      | -        | -            | 4.0                                    | NA(1)  | 3.3    | 9-4 P.M. | 2.3          |
| 15  | 6.9                                   | NA(1)   | 5.4    | 9-4 P.M. | NA(2)        | 5.2                                    | NA(1)  | 3.8    | 9-4 P.M. | 2.3          |
| 16  | 8.6                                   | 7 A.M.  | 5.3    | 1-8 A.M. | 4.0          | 4.0                                    | 4 P.M. | 2.7    | 9-4 P.M. | 2.0          |
| 17  | 4.6                                   | 5 P.M.  | 2.6    | 9-4 P.M. | 1.7          | 1.7                                    | NA(1)  | 1.5    | NA(1)    | 1.4          |
| 18  | 5.2                                   | NA(1)   | 4.3    | 9-4 P.M. | 2.8          | 2.3                                    | NA(1)  | 1.7    | 5-12 M   | 1.1          |
| 19  | 8.6                                   | 5 P.M.  | 7.3    | 5-12 M   | 5.3          | 3.5                                    | NA(1)  | 2.8    | 9-4 P.M. | 2.2          |
| 20  | 6.9                                   | 12 M    | 5.4    | 9-4 P.M. | 4.7          | 3.5                                    | NA(1)  | 2.3    | 9-4 P.M. | 1.7          |
| 21  | 4.6                                   | 9 P.M.  | 3.8    | 5-12 M   | 3.3          | 3.5                                    | 5 P.M. | 2.4    | 9-4 P.M. | 1.8          |
| 22  | 6.9                                   | 4 P.M.? | 5.5    | 9-4 P.M. | 4.2          | 4.0                                    | 5 P.M. | 2.8    | 9-4 P.M. | 2.1          |
| 23  | 6.3                                   | NA(1)   | 4.8    | 9-4 P.M. | 3.9          | 5.8                                    | 3 P.M. | 3.5    | NA(1)    | 3.0          |
| 24  | 5.2                                   | NA(1)   | 4.9    | 9-4 P.M. | 4.2          | 3.5                                    | NA(1)  | 3.3    | 5-12 M   | 2.8          |
| 25  | 6.3                                   | NA(1)   | 5.7    | 5-12 M   | 2.9          | 3.5                                    | NA(1)  | 3.3    | 5-12 M   | 2.6          |
| 26  | 7.5                                   | NA(1)   | 6.1    | 5-12 M   | 5.2          | 4.6                                    | NA(1)  | 3.8    | 9-4 P.M. | 3.2          |
| 27  | 6.9                                   | NA(1)   | 5.9    | 1-8 A.M. | 5.3          | 4.6                                    | NA(1)  | 3.8    | 9-4 P.M. | 3.1          |
| 28  | 6.9                                   | 12 M    | 5.3    | 1-8 A.M. | 4.2          | 4.0                                    | NA(1)  | 3.0    | 1-8 A.M. | 2.5          |
| 29  | 4.6                                   | NA(1)   | 4.2    | NA(1)    | 4.1          | 2.9                                    | NA(1)  | 2.8    | 9-4 P.M. | 2.2          |
| 30  | 5.2                                   | 7 A.M.  | 3.8    | 1-8 A.M. | 2.7          | 4.6                                    | 3 P.M. | 3.5    | 9-4 P.M. | 2.3          |
| 31  | 2.3                                   | NA(1)   | 2.0    | 9-4 P.M. | 1.2          |  |        |        |          |              |

NA(1) = Not applicable due to max. concentration level continuing longer than time indicated.

NA(2) = Not applicable since instrument was not recording data continuously during 24 hour period.

SUMMARY  
CARBON MONOXIDE (CO)

Continuous Air Monitoring Station  
11th at Willamette Street  
1972

| Month          | Maximum (mg/m <sup>3</sup> )                      |        |         | Monthly Average |
|----------------|---|--------|---------|-----------------|
|                | 1 Hour  | 8 Hour | 24 Hour |                 |
| January        | 15.5  | 7.4    | 5.7     | 2.5             |
| February       | 11.5  | 7.8    | 5.9     | 3.1             |
| March          | 10.4  | 6.7    | 4.9     | 3.0             |
| April          | 6.9   | 4.5    | 3.9     | 2.7             |
| May            | 8.6   | 7.3    | 5.3     | 3.5             |
| June           | 13.8  | 5.4    | 4.5     | 2.5             |
| July           | *Data from July - December on computer print-outs |        |         |                 |
| August         |   |        |         |                 |
| September      |   |        |         |                 |
| October        |   |        |         |                 |
| November       |   |        |         |                 |
| December       |   |        |         |                 |
| Yearly Average |   |        |         |                 |

CONTINUOUS AIR MONITORING STATION

11th at Willamette Street

1972

January

February

| Day | Max ug/m <sup>3</sup> During 24 hours |       |                            |        |       | 24 Hour Ave. | Max ug/m <sup>3</sup> During 24 Hours |       |                            |        |       | 24 Hour Ave. |
|-----|---------------------------------------|-------|----------------------------|--------|-------|--------------|---------------------------------------|-------|----------------------------|--------|-------|--------------|
|     | 1 Hour                                | Time  | 3 Hour Ave.<br>(0600-0900) | 8 Hour | Time  |              | 1 Hour                                | Time  | 3 Hour Ave.<br>(0600-0900) | 8 Hour | Time  |              |
| 1   | 1638                                  | 7 PM  | 655                        | 1032   | 5-12M | 822          | 1834                                  | NA(1) | 1136                       | 1613   | 5-12M | 1411         |
| 2   | NA(2)                                 | NA(2) | NA(2)                      | NA(2)  | NA(2) | NA(2)        | 2162                                  | NA(1) | 1660                       | 1924   | 5-12M | 1556         |
| 3   | NA(2)                                 | NA(2) | NA(2)                      | NA(2)  | NA(2) | NA(2)        | 1834                                  | 8 AM  | 1550                       | 1491   | 9-4PM | 1444         |
| 4   | 2293                                  | 5 PM  | NA(2)                      | NA(2)  | NA(2) | NA(2)        | 1900                                  | NA(1) | 1288                       | 1695   | 9-4PM | 1422         |
| 5   | 1965                                  | NA(1) | 1114                       | 1433   | 5-12M | 1229         | 2948                                  | 1 PM  | 1529                       | 2350   | 9-4PM | 1867         |
| 6   | 1965                                  | NA(1) | 1376                       | 1523   | 9-4PM | 1460         | 1834                                  | 2 AM  | 1463                       | 2539   | 9-4PM | 1826         |
| 7   | 1900                                  | 1 AM  | 786                        | 1163   | 5-12M | 1005         | 2227                                  | 9 PM  | 1223                       | 1802   | 5-12M | 1482         |
| 8   | 786                                   | NA(1) | 721                        | 745    | 5-12M | 734          | 3275                                  | 11 PM | 1463                       | 2129   | 5-12M | 1728         |
| 9   | 786                                   | NA(1) | 655                        | 737    | 5-12M | 715          | 3144                                  | 11 PM | 2075                       | 2244   | 5-12M | 1864         |
| 10  | 917                                   | 7 AM  | 830                        | 844    | 9-4PM | 778          | 2489                                  | 10 PM | NA(2)                      | NA(2)  | NA(2) | NA(2)        |
| 11  | 786                                   | NA(1) | 721                        | 729    | 1-8AM | 724          | 2948                                  | 5 AM  | 1441                       | 1744   | 1-8AM | 1335         |
| 12  | 1179                                  | NA(1) | 743                        | 966    | 9-4PM | 868          | 1245                                  | 11 AM | 917                        | 1016   | 9-4PM | 923          |
| 3   | 1638                                  | 5 PM  | 1048                       | 1245   | 5-12M | 1026         | 1048                                  | NA(1) | 852                        | 1024   | 5-12M | 934          |
| 14  | 3144                                  | 12 M  | 1376                       | 2129   | 5-12M | 1622         | 1441                                  | 9 AM  | 917                        | NA(2)  | NA(2) | 1029         |
| 15  | 2162                                  | 1 AM  | 1245                       | 1564   | 5-12M | 1496         | 1310                                  | NA(1) | 1092                       | 1187   | 5-12M | 1149         |
| 16  | 1900                                  | 8 AM  | 1638                       | 1253   | NA(1) | 1193         | 2620                                  | 12 M  | 1048                       | 1564   | 5-12M | 1223         |
| 17  | 1376                                  | 7 PM  | 1005                       | 1073   | 9-4PM | 969          | 2162                                  | 2AM   | 961                        | 1375   | 5-12M | 1242         |
| 18  | 1441                                  | 1 AM  | 699                        | 778    | 1-8AM | 745          | 3013                                  | 8 AM  | 2074                       | 1777   | 5-12M | 1559         |
| 19  | 917                                   | 8 PM  | 721                        | 844    | 9-4PM | 770          | 3472                                  | 3 AM  | 1376                       | 1851   | 1-8AM | 1322         |
| 20  | 852                                   | NA(1) | 743                        | 803    | 9-4PM | 759          | 1900                                  | 11 PM | 1070                       | 1441   | 9-4PM | 1310         |
| 21  | 1441                                  | 4 PM  | 917                        | 1138   | 9-4PM | 961          | 1965                                  | 5 PM  | 1398                       | 1376   | 9-4PM | 1245         |
| 22  | 1245                                  | 5 PM  | 939                        | 958    | 1-8AM | 906          | 1179                                  | 5 PM  | 961                        | 1048   | 5-12M | 985          |
| 23  | 852                                   | 5 PM  | 590                        | 704    | 9-4PM | 661          | 1114                                  | NA(1) | 1048                       | 1040   | 9-4PM | 996          |
| 24  | 2882                                  | 12 M  | 721                        | 1703   | 5-12M | 1255         | 1114                                  | NA(1) | 983                        | 999    | 9-4PM | 958          |
| 25  | 3210                                  | 1 AM  | 1638                       | 1851   | 1-8AM | 1714         | 1376                                  | 8 PM  | 1004                       | 1138   | 5-12M | 1062         |
| 26  | 1376                                  | 8 AM  | 1223                       | 1114   | NA(1) | 1095         | 1965                                  | 8 PM  | 1026                       | 1466   | 9-4PM | 1272         |
| 27  | 1703                                  | 7 PM  | 1026                       | 1253   | 5-12M | 1114         | 983                                   | 8 PM  | 852                        | 917    | 5-12M | 887          |
| 28  | 2162                                  | NA(1) | 1223                       | 2006   | 5-12M | 1567         | 1114                                  | NA(1) | 961                        | 1073   | 9-4PM | 975          |
| 29  | 2162                                  | 5 AM  | 1616                       | 1807   | 1-8AM | 1612         | 1376                                  | NA(1) | 1026                       | 1204   | 5-12M | 1100         |
| 30  | 1834                                  | NA(1) | 1288                       | 1687   | 5-12M | 1411         |                                       |       |                            |        |       |              |
| 31  | 2686                                  | 8 AM  | 2053                       | 1638   | 5-12M | 1559         |                                       |       |                            |        |       |              |

NA(1) = Not applicable due to max. concentration level continuing longer than time indicated

NA(2) = Not applicable since instrument was not recording data continuously during 24 hour period.

TOTAL HYDROCARBON (THC)  
CONTINUOUS AIR MONITORING STATION  
11th at Willamette Street

March

1972

April

| Day | Max ug/m <sup>3</sup> During 24 hours |       |                            |        |        | 24 Hour Ave. | Max ug/m <sup>3</sup> During 24 Hours |       |                            |        |        | 24 Hour Ave. |
|-----|---------------------------------------|-------|----------------------------|--------|--------|--------------|---------------------------------------|-------|----------------------------|--------|--------|--------------|
|     | 1 Hour                                | Time  | 3 Hour Ave.<br>(0600-0900) | 8 Hour | Time   |              | 1 Hour                                | Time  | 3 Hour Ave.<br>(0600-0900) | 8 Hour | Time   |              |
| 1   | 1965                                  | 11 AM | 1026                       | 1253   | 9-4 PM | 1057         | 2620                                  | 2 AM  | 1179                       | 1523   | 1-8 AM | 1299         |
| 2   | 1900                                  | 12 N  | 917                        | 1409   | 9-4 PM | 1139         | 1174                                  | 10 PM | 895                        | 991    | 5-12 M | 953          |
| 3   | 1834                                  | 9 AM  | 1398                       | 1261   | 5-12 M | 1193         | 1441                                  | NA(1) | -                          | NA(2)  | -      | NA(2)        |
| 4   | 1507                                  | 11 AM | 895                        | 1147   | 9-4 PM | 983          | 1310                                  | 5 AM  | 1201                       | 1163   | 1-8 AM | 1138         |
| 5   | 983                                   | 5 PM  | 874                        | 893    | 9-4 PM | 871          | 1114                                  | NA(1) | 1092                       | 999    | 1-8 AM | 953          |
| 6   | 1507                                  | 9 PM  | -                          | NA(2)  | NA(2)  | NA(2)        | 1179                                  | 3 PM  | 874                        | 975    | 9-4 PM | 898          |
| 7   | 1834                                  | 10 PM | 1157                       | 1548   | 5-12 M | 1245         | 1048                                  | NA(1) | 895                        | 967    | 9-4 PM | 934          |
| 8   | 2948                                  | 5 AM  | 1856                       | 1908   | 1-8 AM | 1556         | 1048                                  | NA(1) | 917                        | 950    | 9-4 PM | 933          |
| 9   | 1834                                  | 2 PM  | 1398                       | 1490   | 9-4 PM | 1286         | 1048                                  | NA(1) | 874                        | 974    | 5-12 M | 909          |
| 10  | 1965                                  | 7 AM  | 1638                       | 1384   | 9-4 PM | 1297         | 1179                                  | 4 AM  | 961                        | 1007   | 5-12 M | 971          |
| 11  | 1507                                  | 6 PM  | 983                        | 1130   | 9-4 PM | 1059         | 1048                                  | NA(1) | 983                        | 966    | 9-4 PM | 928          |
| 12  | 1441                                  | NA(1) | 917                        | 1089   | 9-4 PM | 1040         | 983                                   | NA(1) | 830                        | 934    | 9-4 PM | 890          |
| 3   | 1638                                  | NA(1) | 1005                       | 1474   | 5-12 M | 1196         | 1048                                  | 7 AM  | 939                        | NA(2)  | -      | NA(2)        |
| 14  | 2293                                  | 12 M  | 1419                       | 1605   | 5-12M  | 1346         | 1179                                  | NA(1) | -                          | NA(2)  | -      | NA(2)        |
| 15  | 2424                                  | 2 AM  | 1245                       | 1548   | 5-12 M | 1431         | 1965                                  | 4 AM  | 764                        | 925    | 1-8 AM | 893          |
| 16  | 3144                                  | 9 PM  | 1419                       | 2088   | 5-12 M | 1586         | 917                                   | 2 PM  | 721                        | 819    | 5-12 M | 781          |
| 17  | 1900                                  | 1 AM  | 1507                       | 1482   | 1-8 AM | 1378         | 1310                                  | NA(1) | 873                        | 1097   | 5-12 M | 931          |
| 18  | 1310                                  | 10 PM | 852                        | 1147   | 5-12 M | 996          | 1769                                  | 2 AM  | 1070                       | 1302   | 1-8 AM | 1141         |
| 19  | 1179                                  | 7 AM  | 1070                       | NA(2)  | NA(2)  | NA(2)        | 1638                                  | 2 AM  | 1245                       | 1278   | 1-8 AM | 1098         |
| 20  | 1638                                  | 9 PM  | -                          | NA(2)  | NA(2)  | NA(2)        | 1769                                  | 3 AM  | 1048                       | 1278   | 1-8 AM | 1098         |
| 21  | 1310                                  | NA(1) | 1201                       | NA(2)  | NA(2)  | NA(2)        | 1376                                  | 12 M  | 917                        | 1073   | 5-12 M | 989          |
| 22  | 1179                                  | 4 PM  | -                          | NA(2)  | NA(2)  | NA(2)        | 1638                                  | NA(1) | 1114                       | 1368   | 5-12 M | 1166         |
| 23  | 1144                                  | 7 PM  | 852                        | 970    | 5-12 M | 869          | 1769                                  | 1 AM  | 939                        | 1179   | 1-8 AM | 1035         |
| 24  | 1144                                  | 6 PM  | 830                        | 967    | 9-4 PM | 909          | 1114                                  | NA(1) | 939                        | 1024   | 1-8 AM | 958          |
| 25  | 1144                                  | 12 M  | 808                        | 942    | 5-12 M | 857          | 1310                                  | 10 PM | 983                        | 1187   | 5-12 M | 1065         |
| 26  | 852                                   | NA(1) | 786                        | NA(2)  | NA(2)  | NA(2)        | 1572                                  | 9 PM  | 1114                       | 1294   | 5-12 M | 1171         |
| 27  | 1310                                  | 10 PM | -                          | NA(2)  | NA(2)  | NA(2)        | 2293                                  | 6 AM  | 1681                       | 1580   | 1-8 AM | 1209         |
| 28  | 1900                                  | 12 M  | 895                        | 1376   | 5-12 M | 1103         | 1769                                  | 12 M  | 917                        | 1318   | 5-12 M | 1108         |
| 29  | 2162                                  | 11 PM | 1092                       | 1556   | 5-12 M | 1228         | 1843                                  | 2AM   | 1114                       | 1271   | 1-8 AM | 1188         |
| 30  | 2293                                  | 10 PM | 1201                       | 1753   | 5-12 M | 1392         | 1507                                  | 12 M  | 1201                       | 1245   | 1-8 AM | 1133         |
| 31  | 2358                                  | 11 PM | 961                        | 1638   | 5-12 M | NA(2)        |                                       |       |                            |        |        |              |

NA(1) = Not applicable due to max. concentration level continuing longer than time indicated

NA(2) = Not applicable since instrument was not recording data continuously during 24 hour period.

CONTINUOUS AIR MONITORING STATION

11th at Willamette Street

1972

May

June

| Day | Max ug/m <sup>3</sup> During 24 hours |         |                            |        |          | 24 Hour Ave. | Max ug/m <sup>3</sup> During 24 Hours |        |                            |        |          | 24 Hour Ave. |
|-----|---------------------------------------|---------|----------------------------|--------|----------|--------------|---------------------------------------|--------|----------------------------|--------|----------|--------------|
|     | 1 Hour                                | Time    | 3 Hour Ave.<br>(0600-0900) | 8 Hour | Time     |              | 1 Hour                                | Time   | 3 Hour Ave.<br>(0600-0900) | 8 Hour | Time     |              |
| 1   | 1769                                  | 12 M    | 1419                       | 1400   | 1-8 A.M. | 1253         | 1310                                  | NA(1)  | 1135                       | 1204   | 5-12 M   | 1144         |
| 2   | 2162                                  | 7 A.M.  | 1769                       | 1548   | 1-8 A.M. | 1218         | 1310                                  | 4 P.M. | 1157                       | 1196   | 9-4 P.M. | 1141         |
| 3   | 2227                                  | 5 A.M.  | 1463                       | 1499   | 1-8 A.M. | 1141         | 1638                                  | 12 M   | 939                        | 1253   | 5-12 M   | 1081         |
| 4   | 1507                                  | 7 A.M.  | 1288                       | 1204   | 1-8 A.M. | 1111         | 1834                                  | 1 A.M. | 1289                       | 1450   | 1-8 A.M. | 1174         |
| 5   | 1965                                  | 2 A.M.  | 983                        | 1319   | 1-8 A.M. | 1130         | 2031                                  | 7 A.M. | 1813                       | 1572   | 1-8 A.M. | 1305         |
| 6   | 1048                                  | NA(1)   | 939                        | 1032   | 9-4 P.M. | 983          | 2358                                  | 4 A.M. | 1332                       | 1449   | 1-8 A.M. | NA(2)        |
| 7   | 1048                                  | NA(1)   | 913                        | 1007   | 5-12 M   | 983          | 1310                                  | NA(1)  | 1048                       | 1187   | 9-4 P.M. | 1119         |
| 8   | 1310                                  | 12 M    | 939                        | 1106   | 5-12 M   | 1032         | 1965                                  | 3 A.M. | 1529                       | 1548   | 1-8 A.M. | 1248         |
| 9   | 1114                                  | NA(1)   | 1070                       | 991    | 9-4 P.M. | 953          | 1638                                  | 5 P.M. | 1092                       | 1314   | 9-4 P.M. | 1167         |
| 10  | 1507                                  | 6 A.M.  | 1376                       | 1229   | 1-8 A.M. | 1092         | 1114                                  | NA(1)  | 896                        | 1048   | 5-12 M   | 994          |
| 11  | 1572                                  | 2 A.M.  | 1114                       | 1237   | 1-8 A.M. | 1144         | 983                                   | NA(1)  | 852                        | 942    | 5-12 M   | 901          |
| 12  | 2555                                  | 12 M    | 1289                       | 1441   | 5-12 M   | 1296         | 1900                                  | 1245   | 1310                       | 1245   | 1-8 A.M. | 1177         |
| 13  | 2555                                  | 1 A.M.  | 671                        | 1810   | 1-8 A.M. | 1313         | 2031                                  | 1335   | 1332                       | 1335   | 5-12 M   | 1253         |
| 14  | 1638                                  | 7 A.M.  | 1289                       | 1147   | 1-8 A.M. | NA(2)        | 2293                                  | 1638   | 1048                       | 1638   | 1-8 A.M. | 1267         |
| 15  | 1507                                  | NA(1)   | -                          | 1376   | 5-12 M   | NA(2)        | 1376                                  | 1220   | 1026                       | 1220   | 9-4 P.M. | 1084         |
| 16  | 1638                                  | 7 A.M.  | 1529                       | 1367   | 9-4 P.M. | 1250         | 1310                                  | 1155   | 1114                       | 1155   | 9-4 P.M. | 1081         |
| 17  | 1245                                  | NA(1)   | 1004                       | 1122   | 9-4 P.M. | 1026         | 1179                                  | 1081   | 1136                       | 1081   | 9-4 P.M. | 1059         |
| 18  | 1245                                  | 10 A.M. | 1048                       | 1114   | 9-4 P.M. | 1024         | 1114                                  | 1007   | 961                        | 1007   | 1-8 A.M. | 963          |
| 19  | 1965                                  | 7 A.M.  | 1638                       | 1204   | 1-8 A.M. | 1133         | 1376                                  | 1130   | 1288                       | 1130   | 9-4 P.M. | 1106         |
| 20  | 1638                                  | 1 A.M.  | 961                        | 1073   | 1-8 A.M. | 1040         | 1245                                  | 1114   | 1070                       | 1114   | 9-4 P.M. | 1049         |
| 21  | 983                                   | NA(1)   | 939                        | 934    | 5-12 M   | 915          | 1114                                  | 1089   | 961                        | 1089   | 9-4 P.M. | 1005         |
| 22  | 1638                                  | 4 A.M.  | 1026                       | 1089   | 9-4 P.M. | 1048         | 1245                                  | 1114   | 1158                       | 1114   | 9-4 P.M. | 1070         |
| 23  | 1245                                  | 5 P.M.  | 1048                       | 1122   | 9-4 P.M. | 1051         | 1179                                  | 1081   | 961                        | 1081   | 9-4 P.M. | 1024         |
| 24  | 1703                                  | 6 A.M.  | 1485                       | 1310   | 1-8 A.M. | 1144         | 1114                                  | 1024   | 917                        | 1024   | NA(1)    | 991          |
| 25  | 3013                                  | 12 M    | 1725                       | 1474   | 5-12 M   | 1305         | 1048                                  | 999    | 895                        | 999    | 5-12 M   | 950          |
| 26  | 2686                                  | 4 A.M.  | 2118                       | 2031   | 1-8 A.M. | NA(2)        | 1441                                  | 1204   | 1397                       | 1204   | NA(1)    | 1158         |
| 27  | 2948                                  | 6 A.M.  | 2446                       | 2342   | 1-8 A.M. | 1651         | 1572                                  | 1196   | 1223                       | 1196   | 5-12 M   | 1177         |
| 28  | 2620                                  | 3 A.M.  | 1529                       | 1802   | 1-8 A.M. | 1305         | 1900                                  | 1464   | 1703                       | 1464   | 1-8 A.M. | 1190         |
| 29  | 1245                                  | 6 A.M.  | 1070                       | 1073   | 1-8 A.M. | 1032         | 1179                                  | 1056   | 1070                       | 1056   | 9-4 P.M. | 1040         |
| 30  | 1245                                  | NA(1)   | 1427                       | 1155   | 9-4 P.M. | 1084         | 1179                                  | 1138   | 1048                       | 1138   | 9-4 P.M. | 1043         |
| 31  | 1114                                  | NA(1)   | 1114                       | 1098   | 9-4 P.M. | 1046         |                                       |        |                            |        |          |              |

NA(1) = Not applicable due to max. concentration level continuing longer than time indicated

NA(2) = Not applicable since instrument was not recording data continuously during 24 hour period.

SUMMARY

TOTAL HYDROCARBON (THC)

Continuous Air Monitoring Station

11th at Willamette Street

1972

| Month          | Maximum (ug/m <sup>3</sup> )                     |                            |        |         | Monthly Average |
|----------------|--|----------------------------|--------|---------|-----------------|
|                | 1 Hour   | 3 Hour Ave.<br>(0600-0900) | 8 Hour | 24 Hour |                 |
| January        | 3210   | 2053                       | 2129   | 1714    | 1099            |
| February       | 3472   | 2075                       | 2539   | 1867    | 1290            |
| March          | 3144   | 1856                       | 2088   | 1586    | 1175            |
| April          | 2620   | 1245                       | 1580   | 1299    | 1029            |
| May            | 3013   | 2446                       | 2342   | 1651    | 1132            |
| June           | 2358   | 1813                       | 1638   | 1305    | 1102            |
| July           | *Data from July - December on computer print-out |                            |        |         |                 |
| August         |  |                            |        |         |                 |
| September      |  |                            |        |         |                 |
| October        |  |                            |        |         |                 |
| November       |  |                            |        |         |                 |
| December       |  |                            |        |         |                 |
| Yearly Average |  |                            |        |         |                 |