

Craters of the Moon National Monument

1992 Gaseous Pollutant and Meteorological Monitoring Annual Data Summary

Technical Report NPS/NRAQD/NRTR-94/157

July 1994

United States Department of the Interior
National Park Service
Denver, Colorado

Introduction

The National Park Service Gaseous Pollutant Monitoring Network

Gaseous air pollutants, such as ozone and sulfur dioxide, are of concern to the National Park Service (NPS). Pollutants like these can affect park biological resources as well as the health of park residents and visitors. The NPS has established a gaseous pollutant monitoring program for several pollutants linked to effects on NPS resources. This program was designed to meet certain resource management objectives.

The primary objective of this monitoring program is to establish baseline (or current) park air quality conditions to determine if a park is exceeding the National Ambient Air Quality Standards established by the Environmental Protection Agency to protect public health and welfare. In addition, such monitoring is designed to detect changes or trends in pollution levels over time. A monitoring station may also be established if there is documented biological injury due to air pollution in the park unit. Information on ambient air pollution levels is an important part of research on effects of air pollutants on NPS resources, and can help confirm suspected causes of observed effects.

Other monitoring objectives call for the collection of data to support the National Park Service's required involvement in both the development of state air quality control plans, and the evaluation of permit applications for new or expanding air pollution sources wishing to locate near park units. The Clean Air Act gives federal land managers and superintendents an affirmative responsibility to protect air quality related values in class I areas and to assess whether new sources will have an adverse impact on park resources and values. Information on air quality levels in NPS units can also be used to evaluate the performance of atmospheric models that describe how pollutants are transported into parks and predict impacts on the park caused by air pollution sources.

Figure 1 displays the locations of sites and parameters measured in the National Park Service gaseous pollutant monitoring network in 1992. During this year, forty-three monitoring sites in 34 units of the National Park System had some combination of ozone, sulfur dioxide, and meteorological monitoring. Monitoring methods and quality assurance procedures used in the Park Service data collection network meet the applicable 40 CFR Part 58 U.S. Environmental Protection Agency requirements. This allows for the direct comparison of NPS collected data with that collected by the EPA, and state and local air pollution control agencies. Data collected by this network is being incorporated in the EPA AIRS database which is a national database of all air quality data collected throughout the country. These data are also stored in a National Park Service data processing center that allows for easy access and analysis of the data.

Craters of the Moon National Monument

Craters of the Moon National Monument, a class I area, is located in southern Idaho about 60 miles northwest of Pocatello. Its location relative to the other gaseous pollutant monitoring sites in the National Park Service network is illustrated in Figure 1.

Craters of the Moon National Monument was established by presidential proclamation in 1924. It occupies approximately 54,000 acres in the eastern Snake River Plain, which crosses southern Idaho as a broad arc of low topographic relief, contrasting with the mountainous terrain of the rest of the state.

The significance of the monument is the relatively young age of the lava flows and the diversity of volcanic features in a small geographic area. The monument contains part of one of the four rift sets that make up the Great Rift, a volcanic rift zone that extends for 60 miles from the Pioneer Mountains south nearly to the Snake River. Visitors to the monument can see some of the most spectacular and diverse features along the Great Rift, including vast basaltic lava flows and associated volcanic products from eruptions that occurred between 15,000 and 2,100 years ago. Features include two types of lava flow, cinder cones, rafted blocks, fissure cracks, vents, spatter cones, lava tubes, and tree molds.

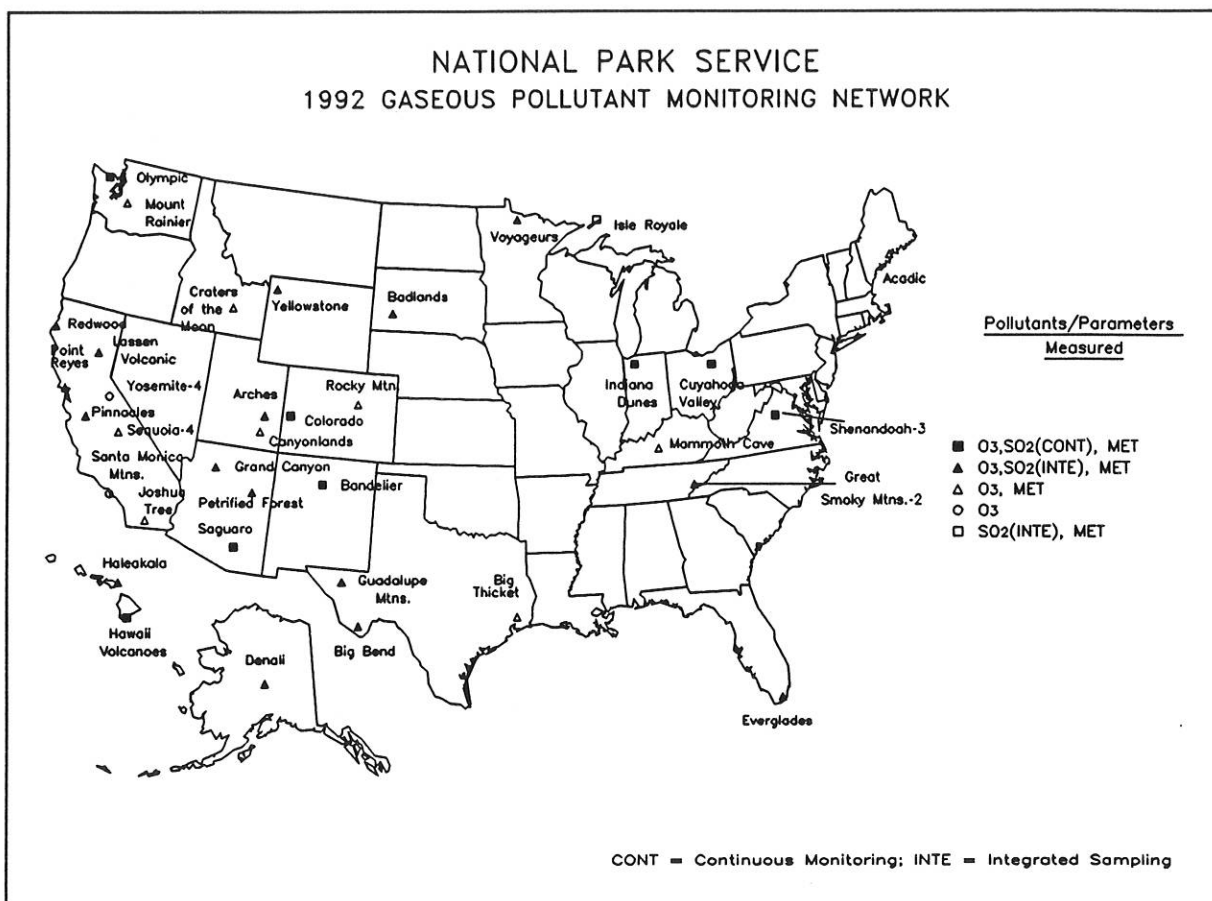


Figure 1

The monument's fauna and particularly its flora reflect the influence of the geologic setting. Plant succession is well illustrated among the different aged lava flows. Limber pine grows at a lower altitude in the monument than throughout the rest of its range. Three subspecies of small mammals were first described from this area and are found only in the vicinity of lava flows of the Great Rift.

The northern end of the monument includes a small portion of the foothills of the Pioneer Mountains. The north unit (4,125 acres) is a different environment from the volcanic area to the south: it is a sagebrush-grassland shrub steppe with stands of Douglas-fir and quaking aspen. Riparian areas surround the small watercourses that arise from springs in the foothills.

Approximately 81 percent of the monument (43,243 acres) was designated wilderness on October 23, 1970. This wilderness area was designated a class I area in the Clean Air Act, as amended in 1977. The rest of the monument is designated as a class II area, however, the entire monument is managed as a class I area.

Visibility and scenery are notable air quality related values at Craters of the Moon.

Site Specific Information

The AIRS identification number for this site is 16-023-0101.

The latitude of the monitoring site is 43° 27' 38" N and the longitude is 113° 33' 44" W (UTM Zone 12: UTM-Northing = 4814934; UTM-Easting = 00292714). It is located to the southwest of park headquarters.

The site elevation is 1815 m MSL.

Table 1 provides a listing of the instrumentation and ancillary equipment used in the acquisition of ambient air quality data at this site. Monitoring commenced in October, 1992.

Table 1

Pollutant, Parameter, or Equipment	Manufacturer	Model No.
Ozone	Monitor Labs	8810
Calibrator	Dasibi	1003-PC
Wind Speed	Climatronics	100075
Wind Direction	Climatronics	100076
Solar Radiation	Li-Cor	Pyranometer
Dew Point	Climatronics	100528
Temperature (3 m AGL)	Climatronics	100093-2
Aspirator, Motor-driven --for Temperature & Dew Point	Climatronics	TS-10WA
Data Acquisition System	SumX	SX-445

Report Contents

This report contains data summaries organized into two major sections: 4th Calendar Quarter, and Month. This report contains the following figures and tables.

4th Calendar Quarter Data Summaries Section:

- Data Recovery Percentages
- Ozone "Quick Look" Annual Summary Statistics Report
- Ozone Data Summary - 24 month
- NAAQS Ozone Exceedances or Highest 10 Values
- Hourly Ozone Data Plot
- Diurnal Ozone Data Plot
- Ozone EPA AIRS Standards Report
- Ozone EPA AIRS Yearly Frequency Distribution Report
- Ozone Pollutant Rose and Joint Frequency Distributions
- Precision Check Data Summary
- Annual Wind Rose With Joint Frequency Distributions
- Hourly Scalar Wind Speed Data Plot
- Hourly Ambient Temperature Data Plot
- Hourly Dew Point Temperature Data Plot
- Hourly Relative Humidity Data Plot

Monthly Data Summaries Section

Missing Data Codes and Monthly Data Summary Sheet Descriptions

Monthly Reports (Hourly Averages for October - December)

Ozone

Scalar Wind Speed

Resultant Wind Speed

Resultant Wind Direction

Ambient Temperature

Dew Point Temperature

Relative Humidity

Solar Radiation

Recovery Percentages for OCT - DEC 92

Craters of the Moon National Monument

Ozone :	89.3 %
Scalar Wind Speed :	99.6 %
Resultant Wind Speed :	99.6 %
Resultant Wind Direction :	99.6 %
Temperature :	91.4 %
Dew Point Temperature :	91.4 %
Solar Radiation :	96.0 %
Station Temperature :	99.9 %

[Run Date: 09-APR-93]

DEFINITIONS AND COMPUTATIONAL PROCEDURES
FOR THE NATIONAL PARK SERVICE
QUICK LOOK ANNUAL SUMMARY STATISTICS REPORT

This report provides ozone summary statistics for various indices computed on a monthly basis for an entire year. Growing season (generically defined to be May 1 - September 30) and annual statistics are also presented under the "MAY-SEP" and "ANNUAL" columns, respectively. All concentrations are expressed in the units of parts per billion (PPB) and exposures in parts per billion-hours (PPB-HR). The definitions for each of the statistics appearing on the Quick Look Annual Summary Report are given below.

- (1) **Daily 1-Hr Maximum.** The maximum 1-hour average concentration recorded during each month, the growing season or the year regardless of the number of valid hourly observations recorded during a given day. The number in parentheses below this statistic, (N), indicates the number of days in the month, growing season, or year with valid data.
- (2) **Average Daily Maximum.** The average of all Daily 1-Hr Maxima during the month regardless of the number of Daily 1-Hr Maxima recorded during the month. For the "MAY-SEP" column the average of all the Daily Maxima recorded during the growing season is given. For the "ANNUAL" column the average of all the Daily Maxima is given. N is as in (1) above.
- (3) **Maximum Daily Mean.** The maximum of the valid daily means computed for each month, the growing season ("MAY-SEP" column), and the year ("ANNUAL" column). A valid daily mean is one for which 75% of the observations are available for each day, i.e., 18 hours. N is the number of days during each month, growing season, and year with at least 18 observations.
- (4) **Average Daily Mean.** The average of all valid daily means for the month, the growing season ("MAY-SEP" column), and the year ("ANNUAL" column). N is as in (3) above.
- (5) **Max Peak:Min Ratio.** The ratio of the Daily 1-Hr Maximum to the Daily 1-Hr Minimum. A ratio is computed only if a valid Daily Mean is computed and if the Daily 1-Hr Minimum is not equal to zero. N is the number of days with a valid Peak:Min ratio.
- (6) **Average Peak:Min Ratio.** The average of all Peak:Min ratios for the month, growing season, or year. N is as in (5) above.
- (7) **Max 9AM-4PM Average.** The maximum of all valid 9AM-4PM Averages computed for the month, growing season, or year. A valid 9AM-4PM Average is one which has 75% of the observations available during that time period, i.e., 6 hours. N is the number of days with valid averages.
- (8) **Monthly 9AM-4PM Average.** The average of all valid 9AM-4PM Averages for the month, growing season, or year. N is as in (7) above.

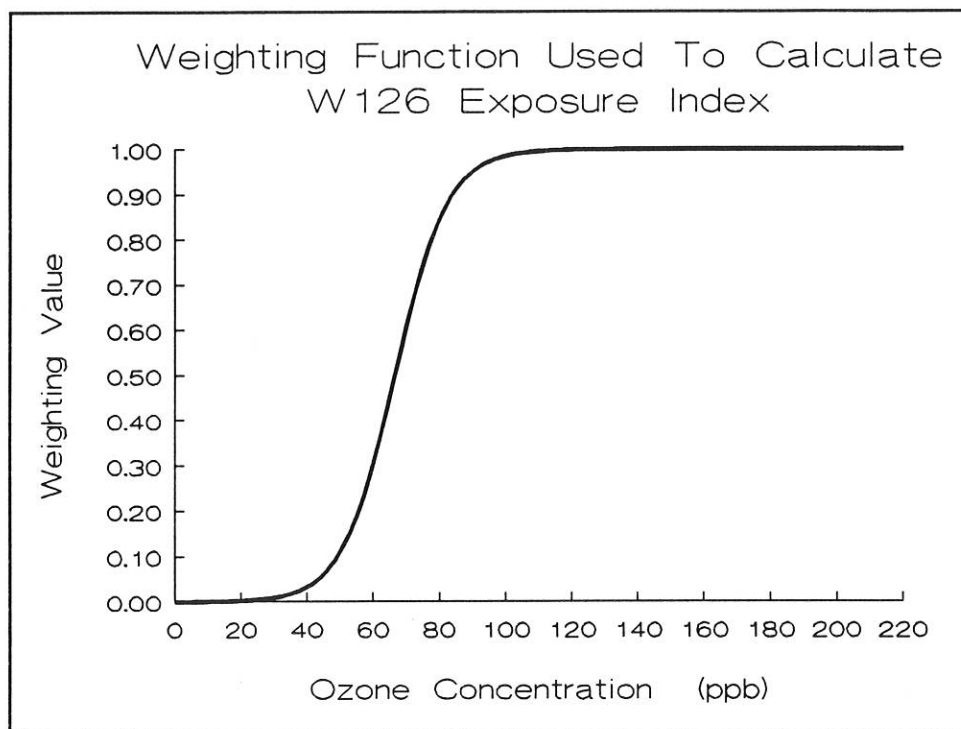
- (9) **Max 7AM-7PM Average.** The maximum of all valid 7AM-7PM Averages computed for the month, growing season, or year. A valid 7AM-7PM Average is one which has 75% of the observations available during that time period, i.e., 9 hours. N is the number of days with valid averages.
- (10) **Monthly 7AM-7PM Average.** The average of all valid 7AM-7PM averages for the month, growing season, or year. N is as in (9) above.
- (11) **Monthly Mean.** The average of all 1-Hr ozone concentrations recorded during the month, growing season, or year. A mean is computed regardless of the number of hours with valid data. N is the number of hours with valid observations.
- (12) **SUM0 Exposure Index.** The monthly sum of all hourly ozone concentrations. Units are PPB-HR. The "MAY-SEP" column sums across the months of May through September to give the cumulative exposure for the growing season. The "ANNUAL" column sums across every month to give the cumulative exposure for the year. N is the number of hours with valid observations and is the same N as in (11) above.
- (13) **SUM60 Exposure Index.** The monthly sum of all hourly ozone concentrations equalling or exceeding 60 PPB. Units are PPB-HR. The "MAY-SEP" column sums across the months of May through September to give the cumulative exposure for the growing season. The "ANNUAL" column sums across every month to give the cumulative exposure for the year. N is the number of hours equalling or exceeding 60 PPB during the month, growing season, or year.
- (14) **SUM80 Exposure Index.** The monthly sum of all hourly ozone concentrations equalling or exceeding 80 PPB. Units are PPB-HR. The "MAY-SEP" column sums across the months of May through September to give the cumulative exposure for the growing season. The "ANNUAL" column sums across every month to give the cumulative exposure for the year. N is the number of hours equalling or exceeding 80 PPB during the month, growing season, or year.
- (15) **W126 Exposure Index.** The monthly sum of all hourly ozone concentrations where each concentration is weighted by a function that gives greater emphasis to the higher hourly concentrations while still including the lower ones. This weighting function provides a weighting value that is unique for each hourly ozone concentration. The weighting function, as described by Lefohn, Laurence, and Kohut¹ is:

$$w_i = \frac{1}{1 + 4403 \exp(-.126 c_i)}$$

where

w_i = weighting value for hourly concentration i , and
 c_i = hourly concentration i in PPB.

The graph of weighting value versus ozone concentration, in the figure below, illustrates the greater weights given to higher hourly ozone concentrations.



(Lefohn, Laurence, and Kohut¹)

Each hour's weighting value is multiplied by its corresponding hourly concentration. This product is summed over all the valid hours in each month to calculate the monthly W126 exposure. Thus, the monthly W126 exposure is:

$$W126 = \sum_{i=1}^n w_i c_i$$

where

- W126 = monthly W126 exposure index,
- w_i = weighting value for hourly concentration i ,
- c_i = hourly concentration i in PPB, and
- n = number of hours in the month with valid ozone concentrations.

The "MAY-SEP" column sums across the months of May through September to give the cumulative exposure for the growing season. The "ANNUAL" column sums across every month to give the cumulative exposure for the year. The exposure units are PPB-HR.

Because each hour contributes to this exposure index, N is the number of hours with valid observations and is the same N as in (11) and (12) above.

The U.S. Environmental Protection Agency usually considers air quality statistics, such as a mean, to be "valid" (i.e., representative of the parameter being estimated for the time interval in question) only if 75% or more of the total possible observations have been measured during that time interval. Therefore, one should exercise caution when comparing these statistics between months and sites, particularly those that are not averages (e.g., maxima and exposures) whenever the number of valid observations is less than 75% of the total possible.

References

1. Lefohn A. S., Laurence J. A., and Kohut R. J. (1988) A comparison of indices that describe the relationship between exposure to ozone and reduction in the yield of agricultural crops. *Atmospheric Environment* 22, 1229-1240.

NATIONAL PARK SERVICE
AIR QUALITY DIVISION
OZONE QUICK LOOK ANNUAL SUMMARY STATISTICS REPORT
CRATERS OF THE MOON NATIONAL MONUMENT
AIRS # = 16-023-0101

10:45 Monday, June 27, 1994

* PARK: CRMO *
* YEAR: 1992 *
* NPS SITE #: 054 *

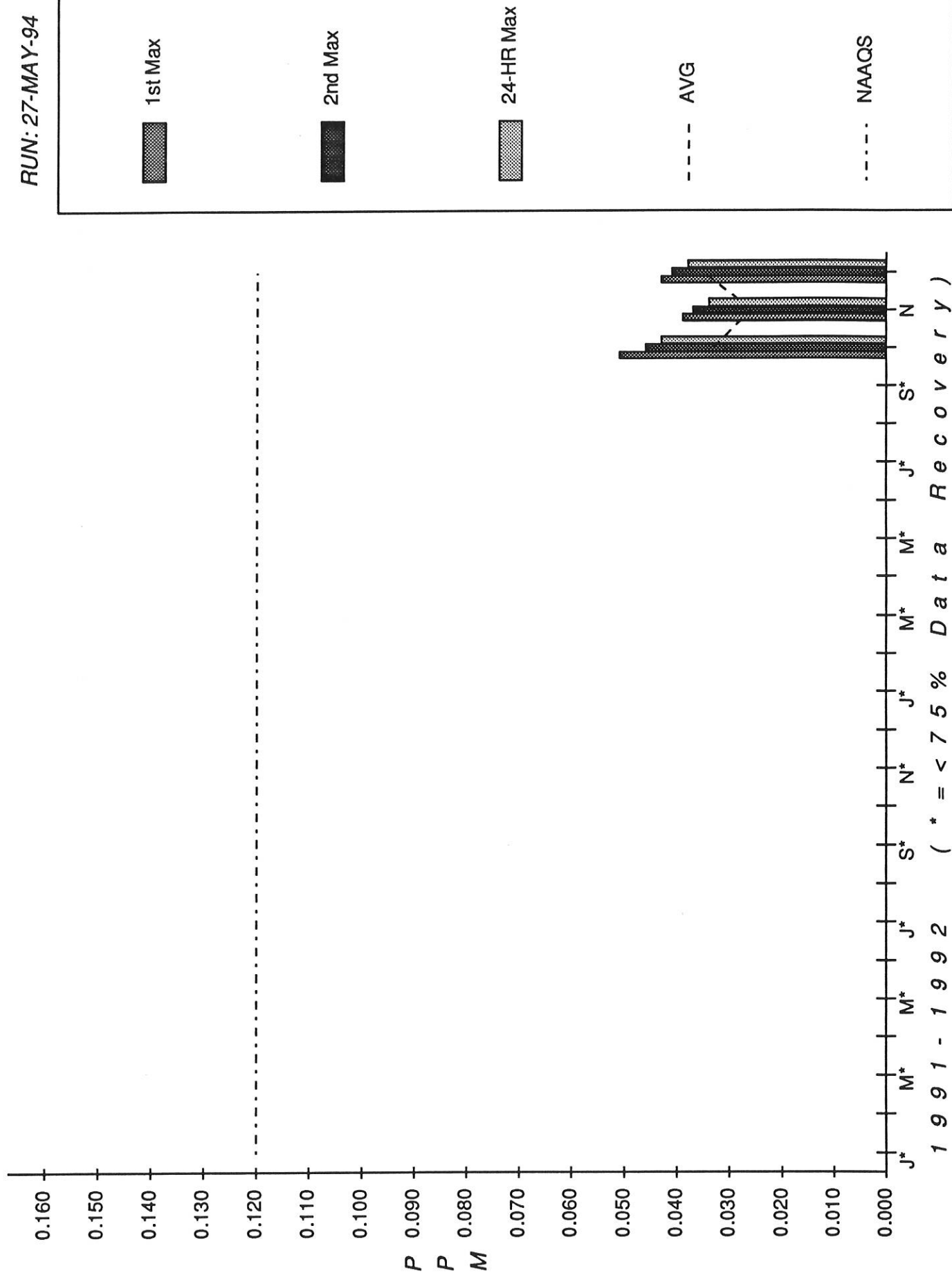
* MONITORING & DATA ANALYSIS BRANCH *
* O3STATS: 31-AUG-92 VERSION *
* DS=[SAS.MONTH]CRM092 *

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAY-SEP	ANNUAL
DAILY 1-HR MAXIMUM NO. OF DAYS										51 (31)	39 (30)	43 (31)		51 (92)
AVERAGE DAILY MAXIMUM NO. OF DAYS										39 (31)	31 (30)	38 (31)		36 (92)
MAXIMUM DAILY MEAN NO. OF DAYS										43 (30)	34 (27)	38 (31)		43 (88)
AVERAGE DAILY MEAN NO. OF DAYS										33 (30)	27 (27)	35 (31)		32 (88)
MAX PEAK-MIN RATIO NO. OF DAYS										2.643 (30)	3.571 (27)	1.483 (31)		3.571 (88)
AVERAGE PEAK-MIN RATIO NO. OF DAYS										1.647 (30)	1.743 (27)	1.265 (31)		1.542 (88)
MAX 9AM-4PM AVERAGE NO. OF DAYS										47 (26)	37 (25)	40 (28)		47 (79)
MONTHLY 9AM-4PM AVERAGE NO. OF DAYS										35 (26)	29 (25)	36 (28)		33 (79)
MAX 7AM-7PM AVERAGE NO. OF DAYS										46 (28)	35 (27)	39 (31)		46 (86)
MONTHLY 7AM-7PM AVERAGE NO. OF DAYS										34 (28)	28 (27)	35 (31)		33 (86)
MONTHLY MEAN NO. OF HOURS										33 (660)	26 (624)	35 (687)		32 (1971)
SUM0 EXPOSURE INDEX NO. OF HOURS										21819 (660)	16502 (624)	24012 (687)		62333 (1971)
SUM60 EXPOSURE INDEX NO. OF HOURS>=60 PPB										(0)	(0)	(0)		(0)
SUM80 EXPOSURE INDEX NO. OF HOURS>=80 PPB										(0)	(0)	(0)		(0)
W126 EXPOSURE INDEX NO. OF HOURS										446 (660)	147 (624)	484 (687)		1077 (1971)

Ozone Data Summary

Craters of the Moon National Monument

RUN: 27-MAY-94



1991 - 1992 (* = < 75 % Data Recovery)

NAAQS Ozone exceedances or highest 10 values

Craters of the Moon National Monument

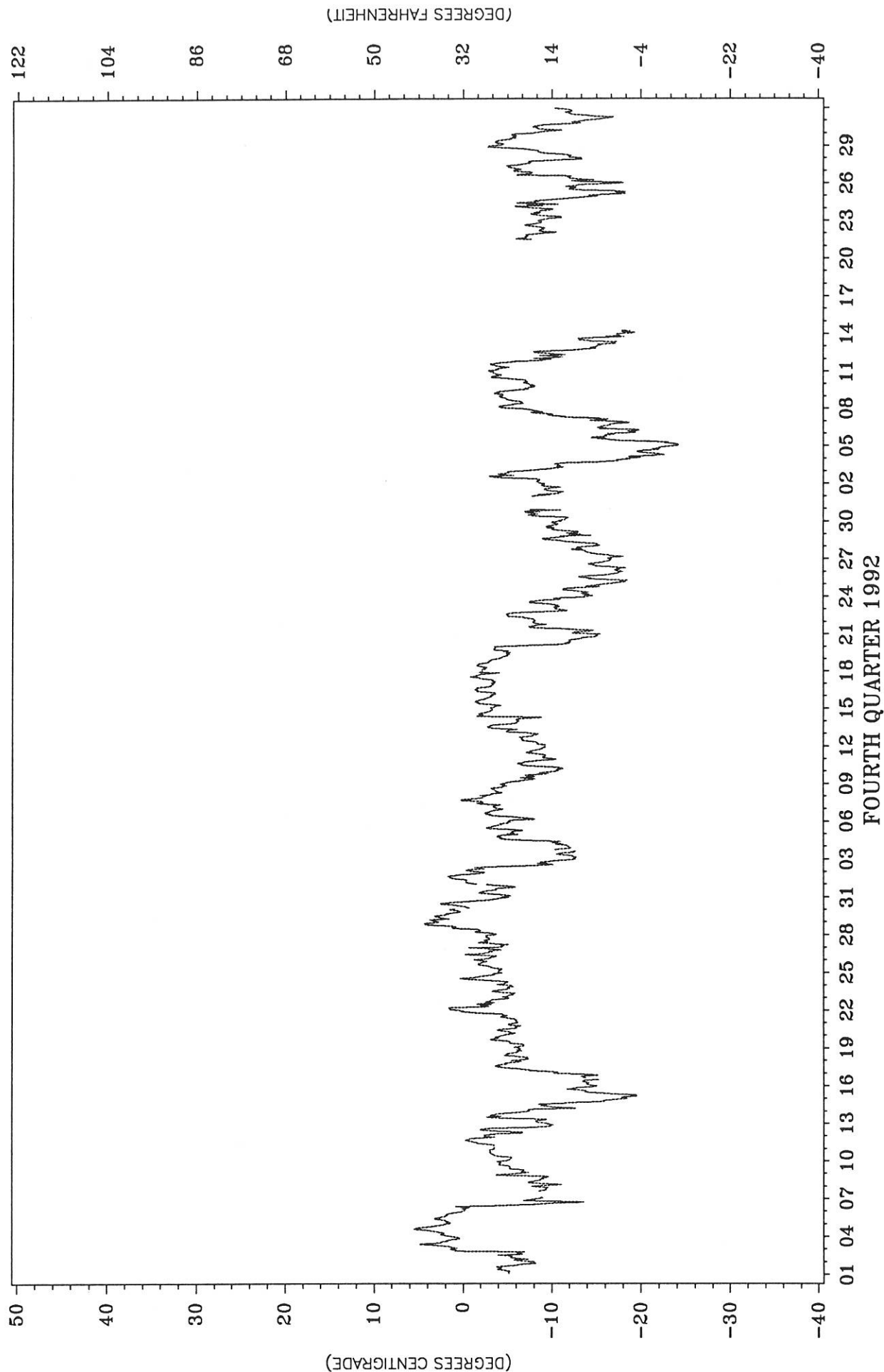
OCT - DEC 1992

Date	Hour	Ozone (ppm)
02-OCT-92	13	.051
01-OCT-92	13	.046
03-OCT-92	0	.045
21-OCT-92	14	.045
09-OCT-92	15	.043
28-DEC-92	15	.043
06-OCT-92	12	.042
20-OCT-92	16	.042
26-OCT-92	14	.042
25-OCT-92	20	.041

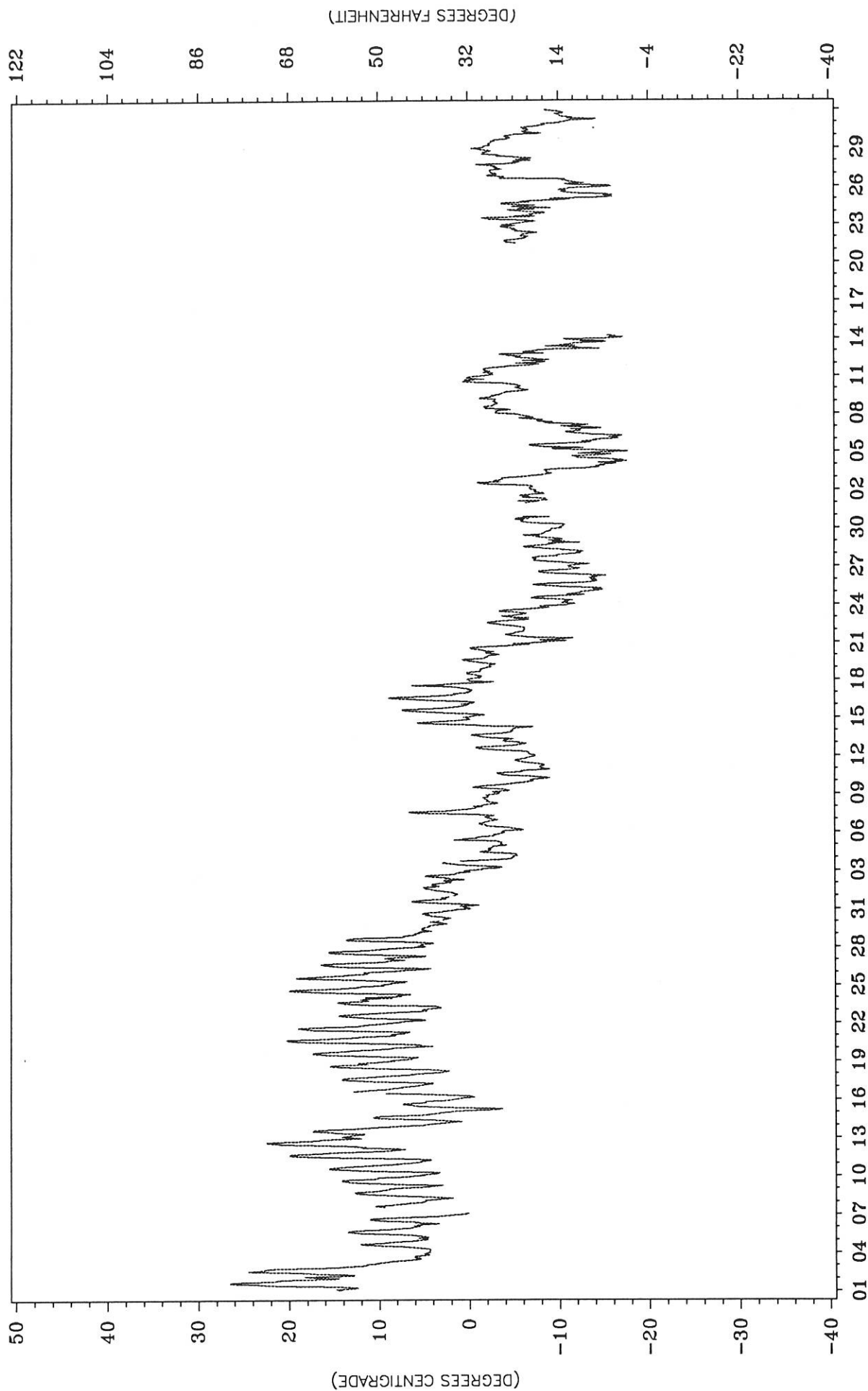
| "The level of the national primary and secondary |
| ambient air quality standards for ozone measured |
| by a reference method based on Appendix D to this |
| part and designated in accordance with part 53 of |
| this chapter, is 0.12 part per million (235 ug/m3) |
| The standard is attained when the expected number |
| of days per calendar year with maximum hourly |
| average concentrations above 0.12 part per million |
| (235 ug/m3) is equal to or less than 1, as |
determined by Appendix H." [40 CFR 50.9]

[Run Date: 08-APR-93]

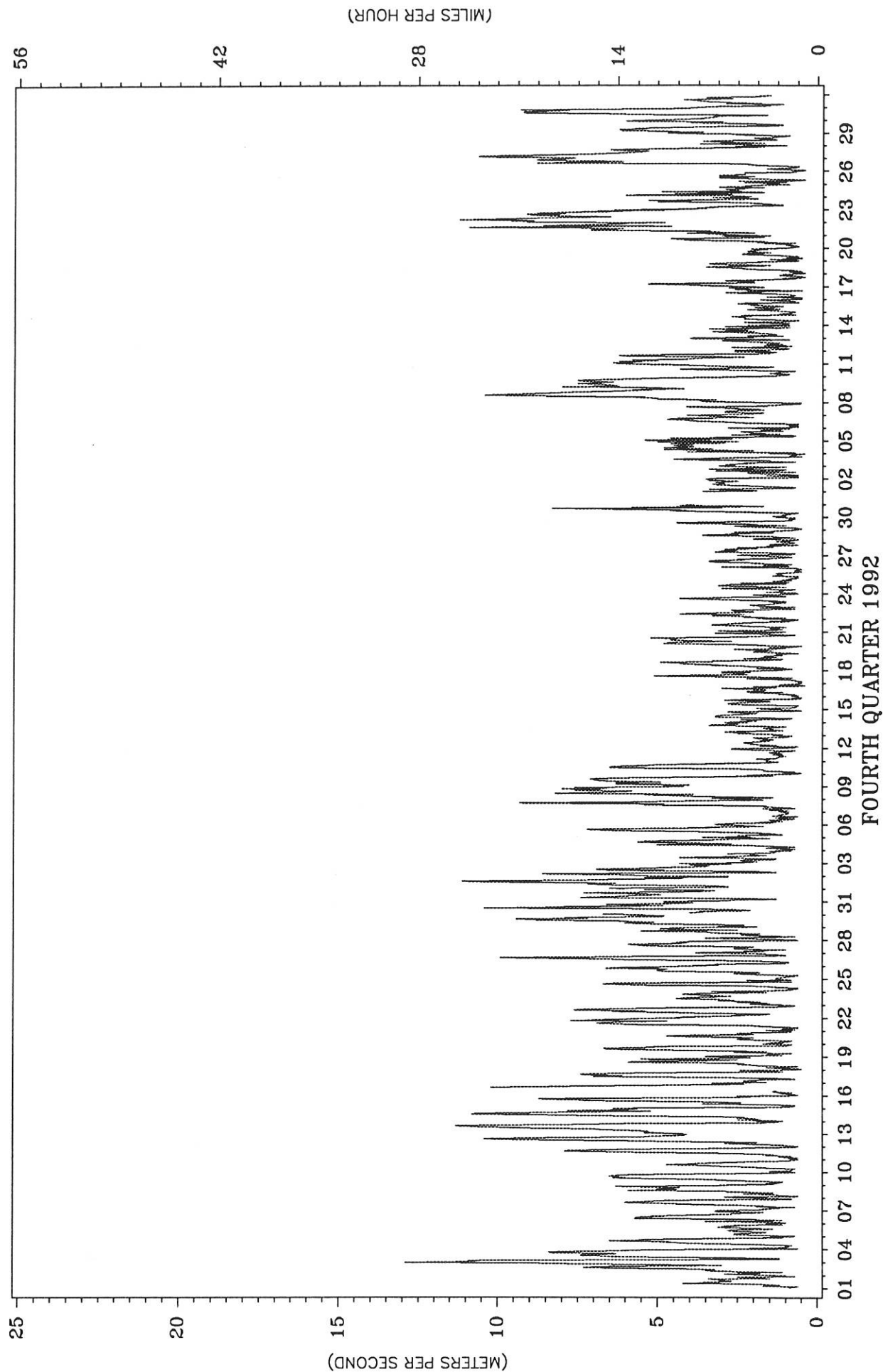
HOURLY DATA - DEW POINT TEMPERATURE
CRATERS OF THE MOON NATIONAL MONUMENT
OCT TO DEC 1992



HOURLY DATA - TEMPERATURE
CRATERS OF THE MOON NATIONAL MONUMENT
OCT TO DEC 1992



HOURLY DATA - SCALAR WIND SPEED
CRATERS OF THE MOON NATIONAL MONUMENT
OCT TO DEC 1992



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 * FINAL DATA *
 * AS OF 26/APR/93 *
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JOINT FREQUENCY DISTRIBUTION OF WIND SPEED VS RESULTANT DIRECTION
 NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK (1)
 SITE (54) - CRATERS OF THE MOON NM, ID
 01-OCT-92 to 31-DEC-92

[Percentage of Occurrences]

RESULTANT DIRECTION [61104] (DEGREES, COMPASS)		WIND SPEED [61101] (METERS/SECOND)											
		< 0.5	0.5-1	1-3	4-6	7-9	10-12	13-15	16-18	>=19	TOTAL		
N		0.0	1.2	3.0	0.7	0.0	0.0	0.0	0.0	0.0	4.9		
NNE		0.0	1.5	8.6	1.1	0.0	0.0	0.0	0.0	0.0	11.2		
NE		0.0	1.4	8.0	0.3	0.0	0.0	0.0	0.0	0.0	9.6		
ENE		0.0	0.9	5.2	0.2	0.0	0.0	0.0	0.0	0.0	6.4		
E		0.0	0.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	3.5		
ESE		0.0	0.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3		
SE		0.0	0.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	1.1		
SSE		0.0	0.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.1		
S		0.0	0.2	1.2	0.4	0.0	0.0	0.0	0.0	0.0	1.9		
SSW		0.0	0.1	1.9	1.2	0.0	0.0	0.0	0.0	0.0	3.2		
SW		0.0	0.7	4.9	8.7	2.2	0.1	0.0	0.0	0.0	16.7		
WSW		0.0	1.5	7.4	6.9	3.9	1.0	0.0	0.0	0.0	20.6		
W		0.0	1.8	7.1	0.5	0.1	0.0	0.0	0.0	0.0	9.5		
WNW		0.0	0.9	3.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9		
NW		0.0	0.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	2.3		
NNW		0.0	0.8	1.4	0.4	0.0	0.0	0.0	0.0	0.0	2.6		
TOTAL		0.3	13.2	58.5	20.5	6.3	1.2	0.0	0.0	0.0	100.0		

[Program: EDMS_FREQDIST

Version: LC:08-JAN-90]

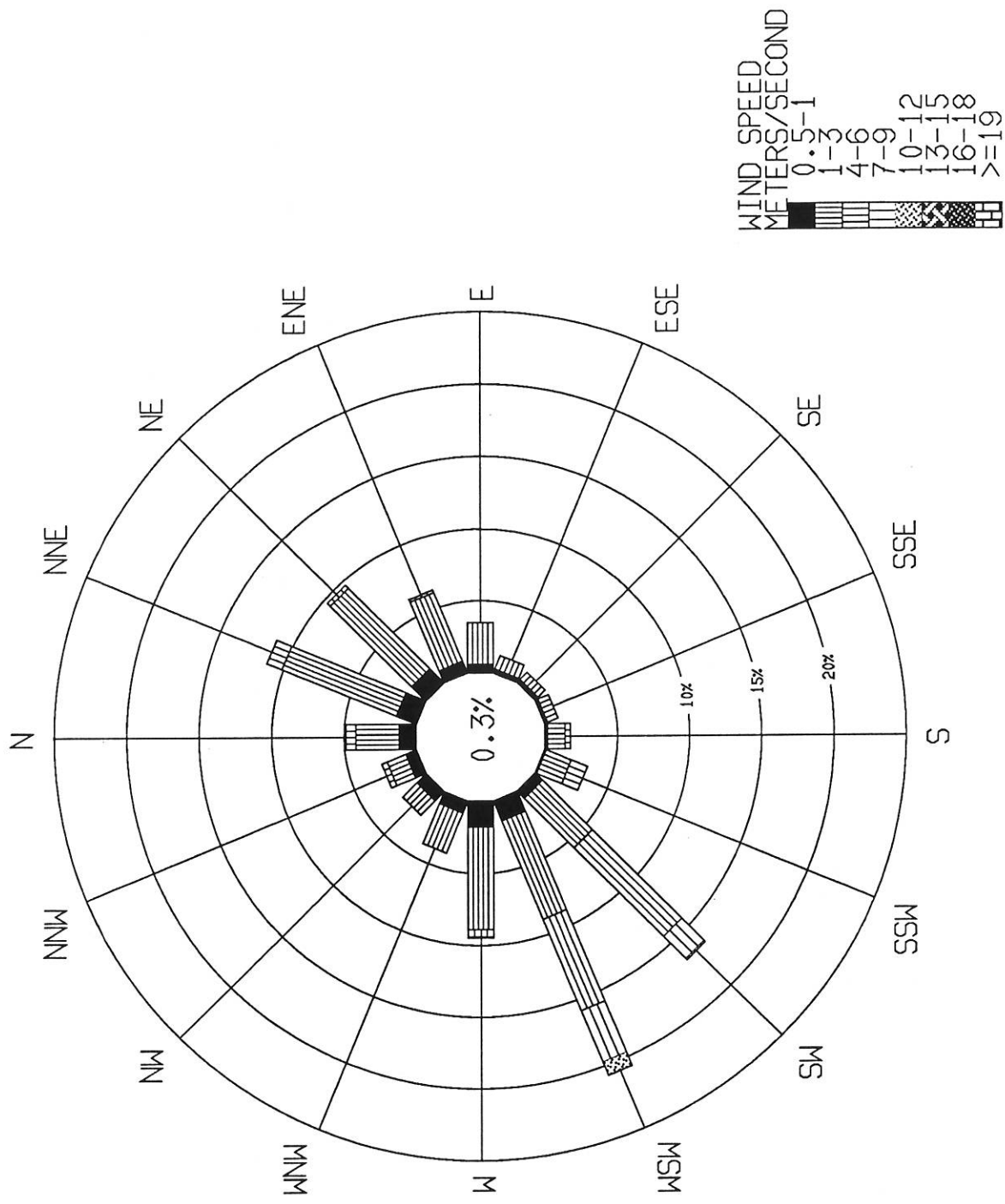
 *
 * FINAL DATA *
 * AS OF 26/APR/93 *
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JOINT FREQUENCY DISTRIBUTION OF WIND SPEED VS RESULTANT DIRECTION
 NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK (1)
 SITE (54) - CRATERS OF THE MOON NM, ID
 01-OCT-92 to 31-DEC-92

[Number of Occurrences]

RESULTANT DIRECTION [61104] (DEGREES, COMPASS)	< 0.5	0.5-1	1-3	4-6	7-9	10-12	13-15	16-18	>=19	TOTAL	Avg WS
N											
NNE	1	27	65	15	0	0	0	0	0	108	2.1
NE	1	32	189	25	0	0	0	0	0	247	2.3
ENE	0	31	175	6	0	0	0	0	0	212	1.9
E	1	20	114	5	0	0	0	0	0	140	2.0
ESE	1	13	64	0	0	0	0	0	0	78	1.8
SE	0	6	23	0	0	0	0	0	0	29	1.5
SSE	1	7	16	1	0	0	0	0	0	25	1.4
S	0	5	18	0	1	0	0	0	0	24	1.9
SSW	0	4	27	9	1	0	0	0	0	41	2.9
SW	0	3	41	26	1	0	0	0	0	71	3.5
WSW	1	15	108	192	49	2	0	0	0	367	4.8
W	0	32	163	151	85	23	0	0	0	454	4.8
WNW	0	39	157	11	2	1	0	0	0	210	2.0
NW	0	19	67	0	0	0	0	0	0	86	1.5
NNW	0	19	31	1	0	0	0	0	0	51	1.3
TOTAL	6	290	1288	451	139	26	0	0	0	2200	3.1

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK
 CRATERS OF THE MOON NM, ID
 01/OCT/92 - 31/DEC/92



1992 PRECISION CHECK DATA SUMMARY

CRATERS OF THE MOON NATIONAL MONUMENT

Precision checks are required by the Environmental Protection Agency (EPA) of all monitoring instruments collecting data which are to be submitted to the EPA Aerometric Information Retrieval System (AIRS) data base. A precision check is performed by challenging the pollutant analyzer with a known concentration of gas (between 0.08 and 0.10 ppm for ozone and sulfur dioxide) from the pollutant transfer standard. This precision check must be performed every 14 days of monitoring operation. The percent difference between the analyzer and the transfer standard is then calculated. The tables below give the quarterly number of precision checks, the average percent differences, and the upper and lower 95% probability limits for precision checks.

Ozone

Calendar Quarter	Number of Precision Checks	Average Percent Difference ¹	Lower 95% Probability Limit	Upper 95% Probability Limit
1	*			
2	*			
3	*			
4	0			

$$^1\text{Average Percent Difference} = \frac{\text{analyzer ppm} - \text{transfer std ppm}}{\text{transfer std ppm}} \times 100$$

* Monitoring commenced on October 1, 1992.

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 * FINAL DATA *
 * AS OF 26/APR/93 *
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JOINT FREQUENCY DISTRIBUTION OF OZONE VS RESULTANT DIRECTION
 NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK (1)
 SITE (54) - CRATERS OF THE MOON NM, ID
 01-OCT-92 to 31-DEC-92

[Percentage of Occurrences]

RESULTANT DIRECTION [61104] (DEGREES, COMPASS)	OZONE [44201] (PARTS PER MILLION)								TOTAL
	0.000-0.	0.025-0.	0.050-0.	0.075-0.	0.100-0.	0.125-0.	0.150-0.	>=0.175	
N	0.5	4.1	0.0	0.0	0.0	0.0	0.0	0.0	4.6
NNE	1.7	9.3	0.0	0.0	0.0	0.0	0.0	0.0	11.0
NE	1.7	8.3	0.0	0.0	0.0	0.0	0.0	0.0	10.0
ENE	1.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	6.6
E	0.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	3.7
ESE	0.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.3
SE	0.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
SSE	0.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.1
S	0.1	1.6	0.2	0.0	0.0	0.0	0.0	0.0	1.9
SSW	0.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	3.2
SW	1.3	15.9	0.0	0.0	0.0	0.0	0.0	0.0	17.2
WSW	2.3	18.2	0.0	0.0	0.0	0.0	0.0	0.0	20.5
W	1.7	7.4	0.0	0.0	0.0	0.0	0.0	0.0	9.1
WNW	0.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	3.9
NW	0.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	2.2
NNW	0.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	2.5
TOTAL	12.8	87.0	0.2	0.0	0.0	0.0	0.0	0.0	100.0

 *
 * FINAL DATA *
 * AS OF 26/APR/93 *
 *

JOINT FREQUENCY DISTRIBUTION OF OZONE VS RESULTANT DIRECTION
 NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK (1)
 SITE (34) - CRATERS OF THE MOON NM, ID
 01-OCT-92 to 31-DEC-92

[Number of Occurrences]

RESULTANT DIRECTION [61104]
 (DEGREES, COMPASS)

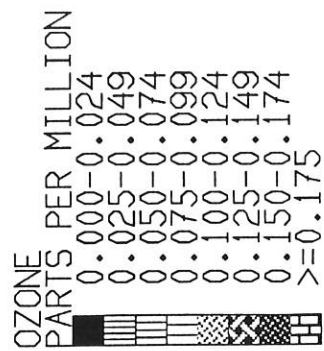
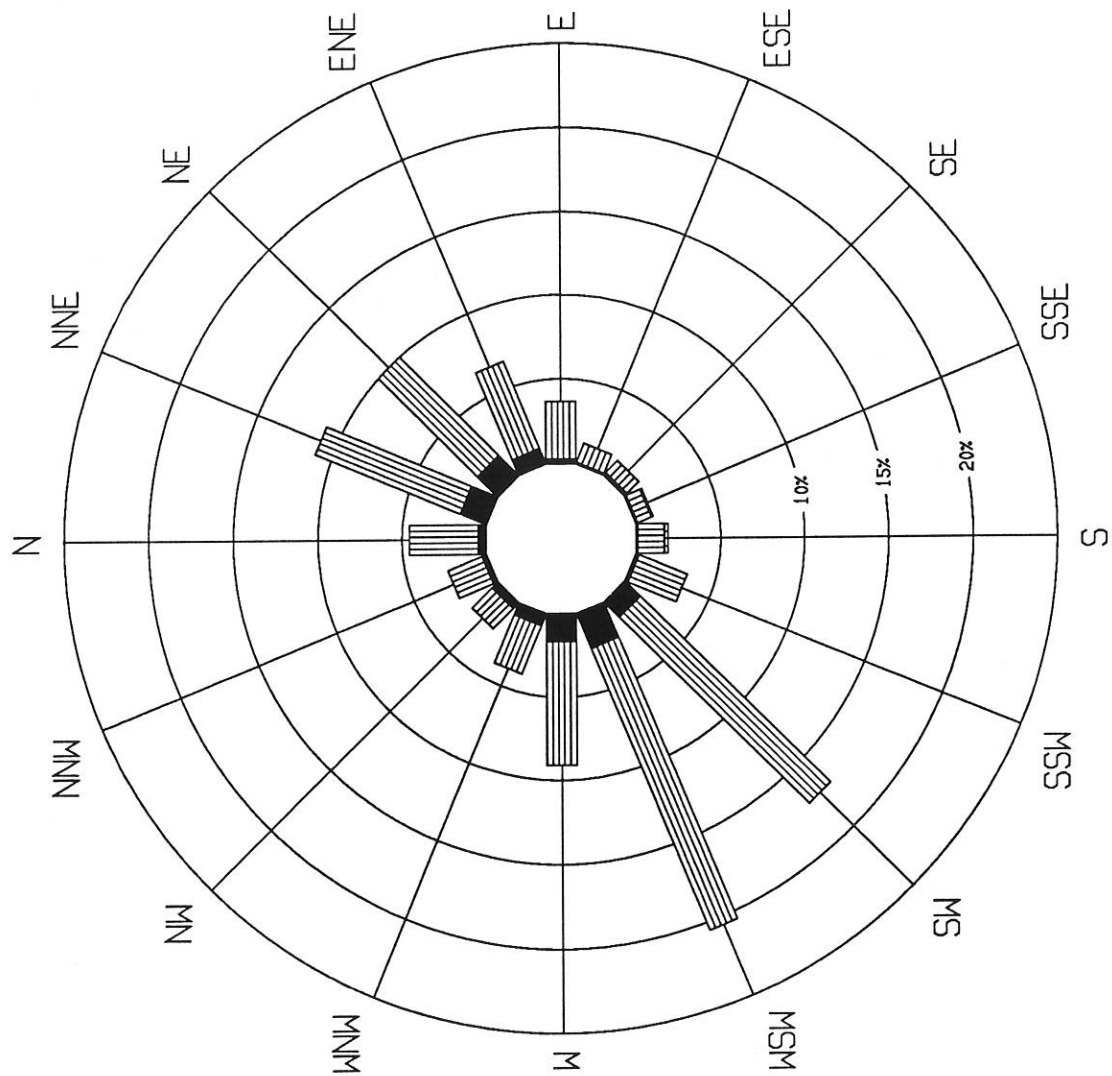
OZONE [44201]
 (PARTS PER MILLION)

	0.000-0.	0.025-0.	0.050-0.	0.075-0.	0.100-0.	0.125-0.	0.150-0.	>=0.175	TOTAL	AVG O3
N	10	80	0	0	0	0	0	0	90	0.032
NNE	34	183	0	0	0	0	0	0	217	0.031
NE	33	164	0	0	0	0	0	0	197	0.031
ENE	20	110	0	0	0	0	0	0	130	0.030
E	6	67	0	0	0	0	0	0	73	0.031
ESE	2	23	0	0	0	0	0	0	25	0.030
SE	4	19	0	0	0	0	0	0	23	0.030
SSE	2	18	1	0	0	0	0	0	21	0.033
S	2	32	3	0	0	0	0	0	37	0.035
SSW	3	60	0	0	0	0	0	0	63	0.033
SW	26	313	0	0	0	0	0	0	339	0.033
WSW	46	358	0	0	0	0	0	0	404	0.033
W	33	146	0	0	0	0	0	0	179	0.031
WNW	16	60	0	0	0	0	0	0	76	0.029
NW	10	33	0	0	0	0	0	0	43	0.029
NNW	5	44	0	0	0	0	0	0	49	0.032
TOTAL	252	1710	4	0	0	0	0	0	1966	0.032

[Program: EDMS_FREQDIST

Version: LC:08-JAN-90]

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK
 CRATERS OF THE MOON NM, ID
 01/OCT/92 - 31/DEC/92



EPA AEROMETRIC INFORMATION RETRIEVAL SYSTEM (AIRS)
AIR QUALITY SUBSYSTEM
YEARLY FREQUENCY DISTRIBUTION

STATE (16): IDAHO

SITE-ID: 16-023-0101
COUNTY (023): BUTTE CO
CITY (00000): NOT IN A CITY
SITE ADDRESS: CRATERS OF THE MOON NATIONAL MON, IDAH LOCATION-SETTING (3): RURAL
SUPPORT AGENCY (815): NATIONAL PARK SERVICE
SITE COMMENTS: 18 MILES SW OF ARCO, IDAHO AT CRATERS OF THE MOON NM VISITOR CTR.

LATITUDE: 43:27:38 N
LONGITUDE: 113:33:44 W
UTM ZONE: 12
UTM-NORTHING: 4814934
UTM-EASTING: 00292714
ELEVATION-MSL: 01815 M

ACR (061): EASTERN IDAHO
URBAN AREA (0000): NOT IN AN URBAN AREA
LAND USE (8): BLIGHTED AREAS
ACR (061): EASTERN IDAHO
URBAN AREA (0000): NOT IN AN URBAN AREA
LAND USE (8): BLIGHTED AREAS
ACR (061): EASTERN IDAHO
URBAN AREA (0000): NOT IN AN URBAN AREA
LAND USE (8): BLIGHTED AREAS

POLLUTANT NAME				MON-TPE		REPT-ORG		METHOD OF COLLECTION AND ANALYSIS							INTERVAL		STANDARD UNITS																				
POL/METH/INT/UNTS/POC																																					
EXC PCT NBR				#EXCURS		MIN		MIN		PERCENTILES							MAX		2ND		GEOM																
EVT OBS OBS				PRI SEC		DET		OBS		10		30		50		70		90		95		99		OBS		MAX		ARIT		GEOM							
YR																														STD D							

OZONE				C		815		INSTRUMENTAL							ULTRA VIOLET							1 HOUR		PPM													
44201-014-1-007-1																																					
92				13		660		0		0		.005		.033		.036		.037		.038		.040		.045		.051		.051		.045		.0393*		.0391*		1.10	

<AN ASTERISK (*) WITH A MEAN VALUE INDICATES THE MEAN DID NOT MEET SUMMARY CRITERIA>

EPA AEROMETRIC INFORMATION RETRIEVAL SYSTEM (AIRS)
AIR QUALITY SUBSYSTEM
STANDARDS REPORT - OZONE (44201)
1-HOUR MAXIMUM
STATE 16 IDAHO

SITE-ID: 16-023-0101 POC: 1
COUNTY (023): BUTTE CO
CITY (00000): NOT IN A CITY
SITE ADDRESS: CRATERS OF THE MOON NATIONAL MON, IDAH LOCATION-SETTING (3): RURAL
SUPPORT AGENCY (815): NATIONAL PARK SERVICE
SITE COMMENTS: 18 MILES SW OF ARCO, IDAHO AT CRATERS OF THE MOON NM VISITOR CTR.
MONITOR COMMENTS:
REPORTING ORGANIZATION (815): NATIONAL PARK SERVICE
MONITOR TYPE (C): NON-EPA FEDERAL MONI
COLLECTION AND ANALYSIS METHOD (014): INSTRUMENTAL ULTRA VIOLET

AQCR (061): EASTERN IDAHO
URBAN AREA (0000): NOT IN AN URBAN AREA
LAND USE (8): BLIGHTED AREAS
LAND LOCATION-SETTING (3): RURAL
SUPPORT AGENCY (815): NATIONAL PARK SERVICE
SITE COMMENTS: 18 MILES SW OF ARCO, IDAHO AT CRATERS OF THE MOON NM VISITOR CTR.
MONITOR COMMENTS:
REPORTING ORGANIZATION (815): NATIONAL PARK SERVICE
MONITOR TYPE (C): NON-EPA FEDERAL MONI
COLLECTION AND ANALYSIS METHOD (014): INSTRUMENTAL ULTRA VIOLET

SITE-1D: 16-023-0101 POC: 1
COUNTY (023): BUTTE CO
CITY (00000): NOT IN A CITY
SITE ADDRESS: CRATERS OF THE MOON NATIONAL MON, IDAH LOCATION-SETTING (3): RURAL
SUPPORT AGENCY (815): NATIONAL PARK SERVICE
SITE COMMENTS: 18 MILES SW OF ARCO, IDAHO AT CRATERS OF THE MOON NM VISITOR CTR.
MONITOR COMMENTS:
REPORTING ORGANIZATION (815): NATIONAL PARK SERVICE
MONITOR TYPE (C): NON-EPA FEDERAL MONI
COLLECTION AND ANALYSIS METHOD (014): INSTRUMENTAL ULTRA VIOLET

JAN 1992 FEB 1992 MAR 1992 APR 1992 MAY 1992 JUN 1992 JUL 1992 AUG 1992 SEP 1992 OCT 1992 NOV 1992 DEC 1992

	JAN 1992	FEB 1992	MAR 1992	APR 1992	MAY 1992	JUN 1992	JUL 1992	AUG 1992	SEP 1992	OCT 1992	NOV 1992	DEC 1992
1	W	S	S	S	W	F	M	W	S	T	.033	S
2	T	S	S	M	T	S	T	T	S	F	.051	T
3	F	M	M	T	F	S	W	F	S	T	.039	M
4	S	T	T	W	S	M	T	S	M	S	.045	T
5	S	W	W	T	S	T	F	S	T	F	.035	S
6	M	T	T	F	M	W	S	M	W	S	.037	M
7	T	F	F	S	T	W	S	T	T	S	.042	T
8	W	S	S	S	W	F	M	T	F	W	.037	S
9	T	S	S	M	T	S	T	T	S	T	.036	M
10	F	M	M	T	F	S	W	T	S	F	.043	T
11	S	T	T	W	S	M	T	F	S	T	.038	M
12	S	W	W	T	S	T	S	S	T	F	.036	S
13	M	T	T	F	M	W	M	T	W	T	.040	M
14	T	F	F	S	T	S	W	T	F	W	.032	S
15	W	S	S	S	W	F	M	T	S	T	.032	M
16	T	S	S	M	T	T	W	T	S	F	.037	T
17	F	M	M	T	F	S	W	F	M	T	.037	W
18	S	T	T	W	S	M	T	S	T	S	.025	T
19	S	W	W	T	S	T	F	S	S	F	.038	T
20	M	T	T	F	M	W	S	S	W	T	.021	F
21	T	F	F	S	T	S	M	T	T	S	.038	S
22	W	S	S	S	W	T	F	F	S	M	.042	S
23	T	T	T	T	T	M	T	W	T	W	.037	M
24	F	M	M	T	F	W	T	T	S	F	.033	T
25	S	T	T	W	S	W	F	F	S	T	.032	W
26	M	W	W	T	M	T	S	T	M	T	.040	T
27	T	F	F	S	S	F	S	F	S	S	.041	F
28	M	T	T	W	T	S	T	S	T	T	.032	S
29	W	F	S	T	M	W	M	W	W	F	.036	F
30	T	S	S	S	T	T	S	T	T	S	.042	S
31	F	T	T	T	W	F	T	F	S	M	.036	M

VALID DAYS
MAXIMUM
VIOLATIONS

28
.051

27
.039

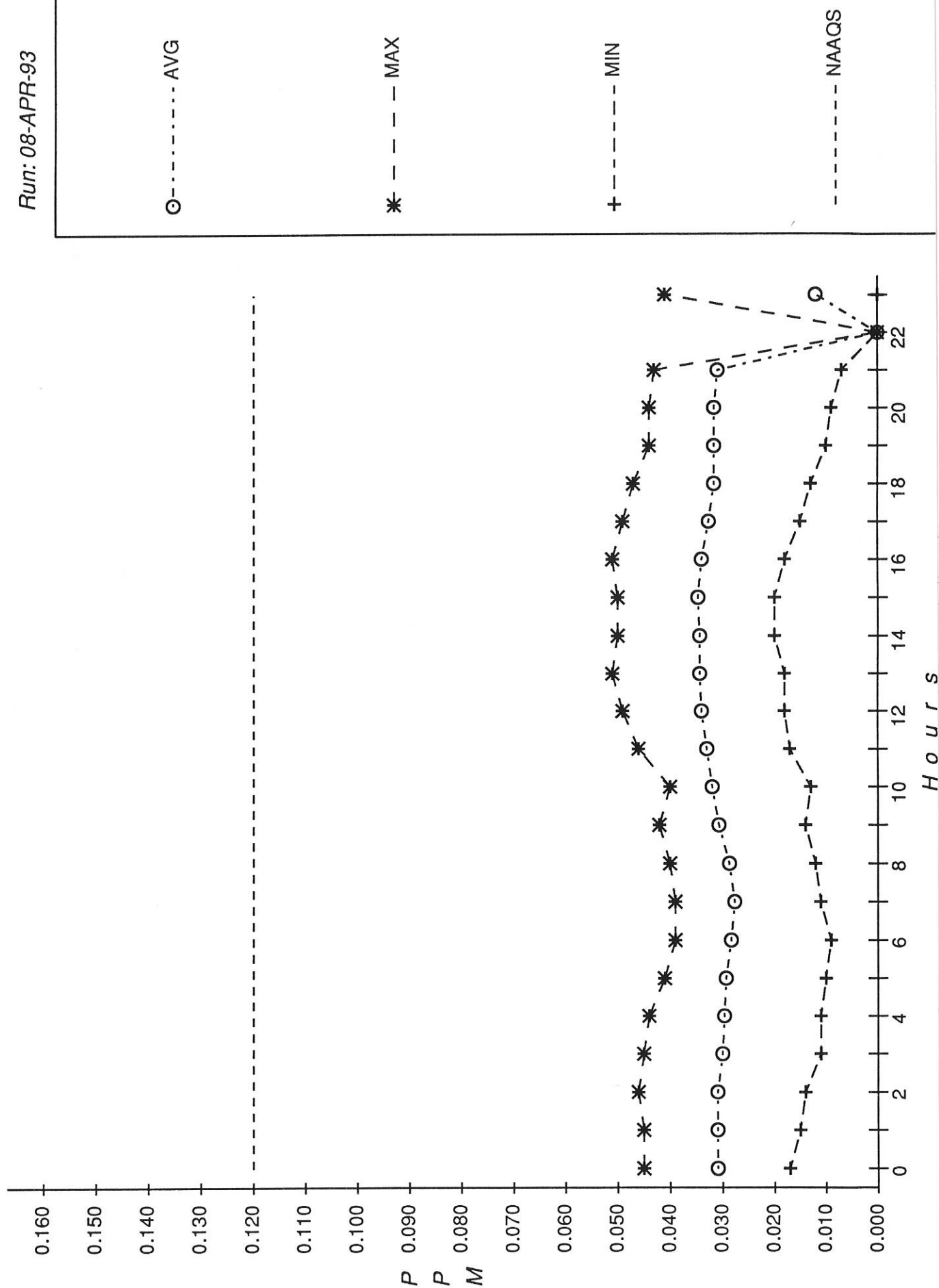
31
.043

TOTAL SAMPLES = 1971
% OF POSSIBLE OBSERVATIONS = 22.4
86 VALID DAILY MAXIMA
0 STARRED (*) DAILY-MAXIMA EXCEEDING THE STANDARD OF .125PPM
5 MISSING DAYS ASSUMED TO BE LESS THAN THE STANDARD
0 DAILY MAXIMUMS EXCEED THE ALERT LEVEL OF .200 PPM

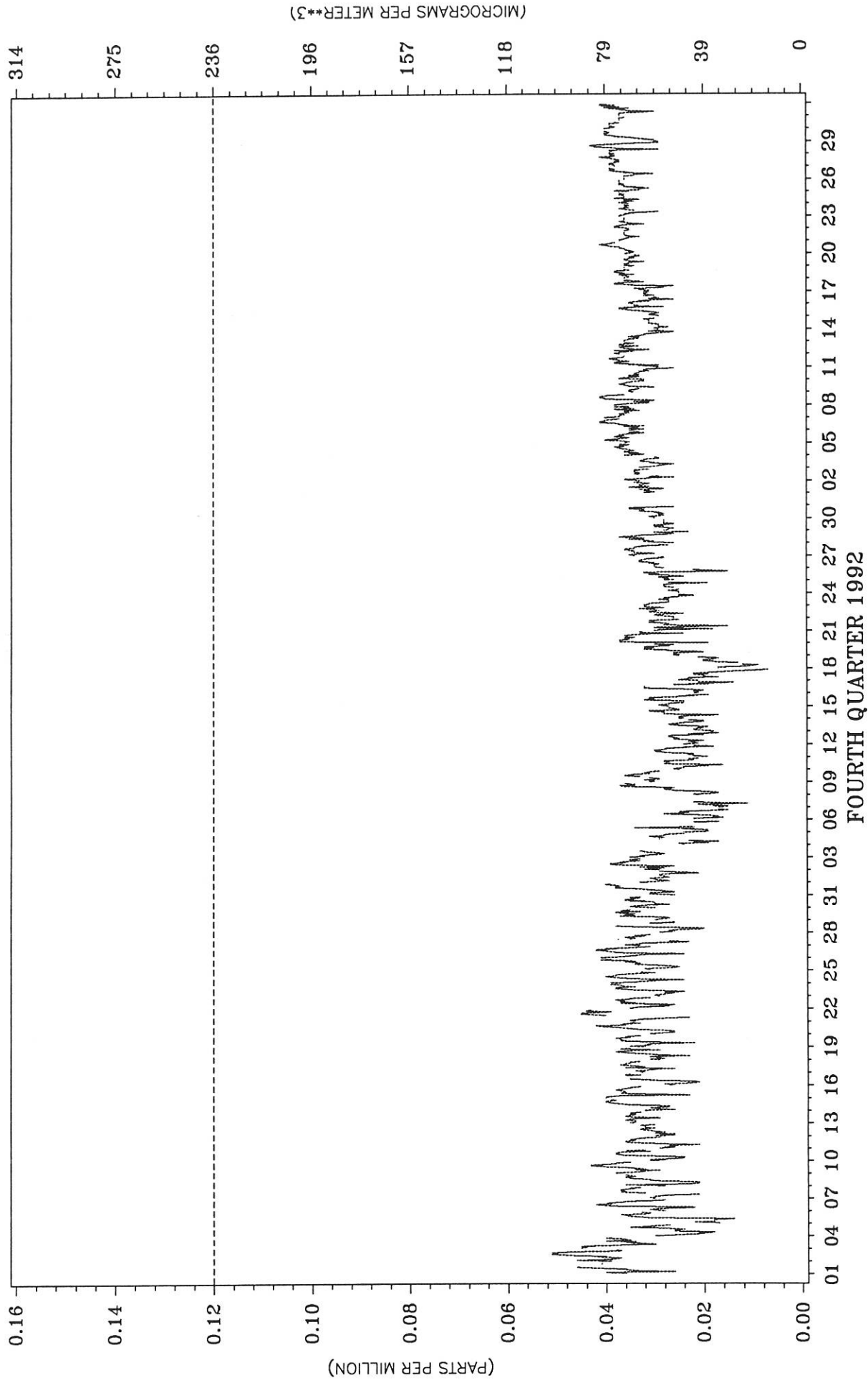
Diurnal Ozone Plot

CRATERS OF THE MOON NATIONAL MONUMENT - OCT/NOV/DEC

Run: 08-APR-93

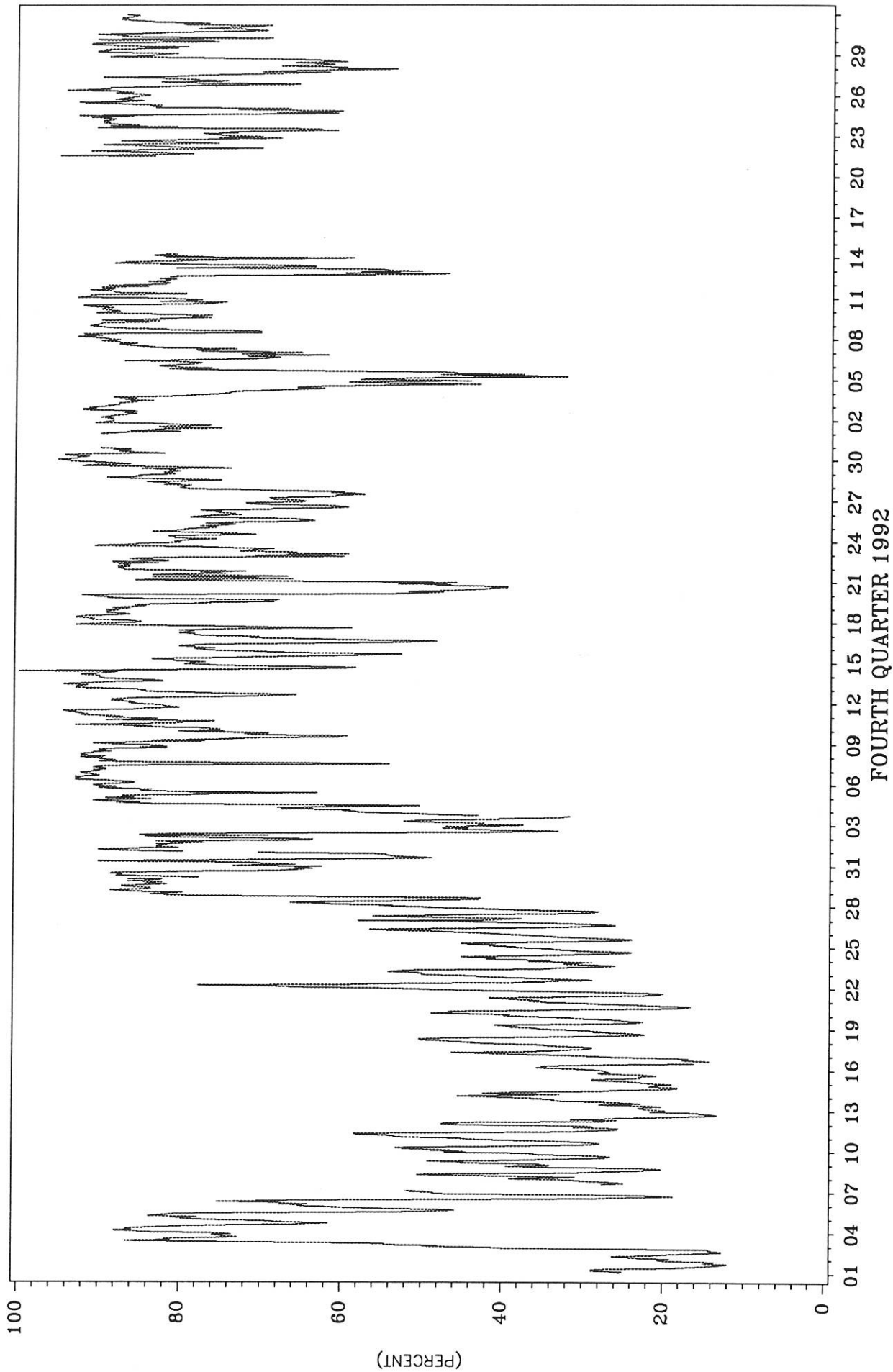


HOURLY DATA - OZONE
CRATERS OF THE MOON NATIONAL MONUMENT
OCT TO DEC 1992



---- NAAQS

HOURLY DATA - RELATIVE HUMIDITY
CRATERS OF THE MOON NATIONAL MONUMENT
OCT TO DEC 1992



MISSING DATA CODES

BM	Begin Monitoring
CA	Calibration
EM	End Monitoring
IM	Instrument Malfunction (not discovered until after data had been collected)
IN	Interference (acts of nature)
IW	Instrument Warmup
LI	Local Interference
MT	Maintenance (preventive maintenance, changing chart paper, replacing instrument parts)
NA	No Data
OE	Operator Error
OR	Out for Repair
OS	Off Scale (at top of chart, data is presumed good)
PA	Performance Audit
PC	Precision Check
PF	Power Failure (generator failure)
RF	Recording System Failure (chart jams, chart runs out, or data acquisition system fails)
SA	System Audit
SC	Station Check (precision check and instrument zero/span check)
TH	Station temperature > 30 degrees C
TL	Station temperature < 20 degrees C
TO	Sample Time Out of Limits
ZS	Instrument Zero/Span check

```

*****
  PRELIMINARY DATA
  AS OF 71 JUN/89
*****

7

*****
  SUBJECT TO
  REVISION
*****

```

[illegible]

Version: LC:08-MAR-89J

- | | | | |
|---|--|----|--|
| 1 | PARAMETER | 10 | MONTHLY AVERAGE OF ALL DATA VALUES |
| 2 | COMPUTER PARAMETER CODE | 11 | MONTHLY PEAK |
| 3 | UNITS OF DATA | 12 | REVISION DATE |
| 4 | PROJECT NAME | 13 | COMPUTER PROGRAM NAME |
| 5 | STATION IDENTIFICATION NUMBER | 14 | MONTHLY STANDARD DEVIATION FOR EACH HOUR |
| 6 | MONTHLY PERIOD WHICH DATA COVERS | 15 | MONTHLY AVERAGES FOR EACH HOUR |
| 7 | STATUS AND DATE THE DATA WAS FINALIZED | 16 | LETTERS INDICATING REASON FOR MISSING DATA |
| 8 | DAILY AVERAGES OF ALL HOURLY AVERAGES | 17 | DAY OF MONTH |
| 9 | HIGHEST HOURLY AVERAGE FOR EACH DAY | 18 | BEGINNING HOUR IN LOCAL STANDARD TIME |
| | | | Thus the hourly average under "02"
occurred during the period 0200 to 0300. |

OZONE [44201]

PARTS PER MILLION

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1

SITE 54 CRATERS OF THE MOON NM, ID

OCT, 1992

AEROVIRONMENT INC.

*
* FINAL DATA *
* AS OF 6/APR/93 *
*

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG	PEAK	
1	[BM]	036	038	040	033	026	033	035	036	036	040	041	045	046	[TH]	[TH]	[TH]	[TH]	[TH]	041	041	041	[SC]	[ZS]	[ZS]	038	046
2	039	044	046	042	039	038	037	038	040	042	040	046	049	051	050	050	051	049	047	037	037	037	[SC]	[ZS]	[ZS]	043	051
3	045	045	044	045	044	041	037	037	030	031	034	036	035	034	040	037	035	036	036	038	040	039	[SC]	[ZS]	[ZS]	038	045
4	030	026	026	022	021	021	019	018	024	026	026	026	025	024	028	031	035	034	031	031	029	027	[SC]	[ZS]	[ZS]	026	035
5	017	019	022	018	018	018	018	018	017	014	021	031	033	035	035	036	036	037	032	031	033	033	[ZS]	[ZS]	[ZS]	026	037
6	028	029	031	030	029	026	022	022	023	037	040	041	042	041	039	040	039	036	036	032	029	028	[SC]	[ZS]	[ZS]	033	042
7	030	031	030	030	030	028	028	021	[MT]	[ZS]	032	035	037	036	037	037	037	036	036	034	035	033	[ZS]	[ZS]	[ZS]	033	042
8	028	031	036	028	023	021	021	021	022	028	030	031	031	034	035	035	036	036	034	035	036	036	[ZS]	[ZS]	[ZS]	030	036
9	038	038	035	032	033	033	029	034	033	032	035	036	039	041	041	043	043	040	038	038	038	035	[ZS]	[ZS]	[ZS]	037	043
10	031	028	031	029	026	025	024	024	028	032	036	037	037	038	038	038	037	037	031	033	036	032	[ZS]	[ZS]	[ZS]	032	038
11	029	028	026	028	026	027	024	021	026	029	031	035	036	036	035	034	[IM]	035	034	033	031	029	[ZS]	[ZS]	[ZS]	030	036
12	028	030	026	029	026	030	030	030	028	030	031	032	033	033	032	030	032	032	032	032	033	033	[ZS]	[ZS]	[ZS]	030	033
13	035	034	034	034	034	034	036	035	035	033	029	030	034	036	036	035	034	034	035	035	035	033	[SC]	[ZS]	[ZS]	034	036
14	032	031	026	029	029	031	028	027	027	027	031	035	037	038	039	039	040	040	040	038	039	039	[ZS]	[ZS]	[ZS]	034	040
15	040	040	040	038	037	023	025	030	034	037	036	036	036	037	037	038	037	036	035	035	034	033	[ZS]	[ZS]	[ZS]	035	040
16	027	026	028	024	023	022	021	022	028	031	031	035	035	035	[PA]	[PA]	[PA]	[PA]	[PA]	036	033	036	[ZS]	[ZS]	[ZS]	029	036
17	033	032	033	034	032	030	031	026	031	036	032	032	034	036	037	036	036	036	035	035	033	033	[ZS]	[ZS]	[ZS]	033	037
18	029	031	028	029	029	031	029	023	025	029	031	033	035	036	037	038	037	034	029	033	037	035	[ZS]	[ZS]	[ZS]	032	038
19	032	035	033	031	032	031	031	022	027	031	035	037	036	037	037	037	038	036	035	036	035	033	[ZS]	[ZS]	[ZS]	034	038
20	030	031	029	028	026	027	026	027	029	033	034	035	037	038	040	041	042	036	037	036	033	035	[SC]	[ZS]	[ZS]	033	042
21	034	034	035	033	032	028	028	023	[MT]	[ZS]	[ZS]	040	042	043	045	045	045	040	039	044	044	043	[ZS]	[ZS]	[ZS]	038	045
22	035	034	034	033	029	027	029	026	029	035	037	034	036	037	036	037	038	036	035	035	034	031	[ZS]	[ZS]	[ZS]	034	038
23	029	030	030	028	028	026	028	026	024	027	029	034	036	038	038	038	037	034	036	037	037	039	[ZS]	[ZS]	[ZS]	032	039
24	037	039	034	033	030	031	024	025	031	035	038	039	040	039	038	038	038	035	035	030	032	033	[ZS]	[ZS]	[ZS]	034	040
25	031	031	031	032	029	026	026	025	027	029	030	033	034	034	033	034	036	034	035	037	041	039	[ZS]	[ZS]	[ZS]	032	041
26	041	039	036	036	034	033	031	024	028	035	038	038	040	040	042	042	041	038	040	036	033	031	[ZS]	[ZS]	[ZS]	036	042
27	033	036	034	033	032	027	024	023	027	[ZS]	[ZS]	035	035	034	035	036	035	032	034	032	031	031	[SC]	[ZS]	[ZS]	032	036
28	029	027	026	027	027	026	025	021	020	022	028	033	036	038	[IM]	[IM]	[IM]	[IM]	031	026	027	026	[ZS]	[ZS]	[ZS]	028	038
29	030	029	029	028	027	028	032	037	036	034	036	036	034	037	037	038	033	033	037	036	035	035	[ZS]	[ZS]	[ZS]	034	038
30	030	033	035	034	032	031	027	029	030	030	030	031	035	032	036	036	035	034	033	033	035	033	[ZS]	[ZS]	[ZS]	032	036
31	026	028	031	031	031	031	026	026	028	029	031	032	033	035	038	038	038	037	038	038	040	039	[ZS]	[ZS]	[ZS]	033	040
AV	032	032	032	031	030	028	027	026	028	031	033	035	036	037	038	038	038	036	036	035	035	034	[]	[]	[]	033	
SD	005	006	006	005	005	005	005	006	005	005	004	004	004	005	004	004	004	003	003	003	004	004	[]	[]	[]		
PK	045	045	046	045	044	041	037	038	040	042	040	046	049	051	050	050	051	049	047	044	044	043	[]	[]	[]	051	

00000 [Program: EDMS_MONTHSUM

Version: LC:12-MAY-92]

OZONE [44201]

PARTS PER MILLION

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1

SITE 54 CRATERS OF THE MOON NM, ID

NOV, 1992

AEROVIRONMENT INC.

*
* FINAL DATA *
* AS OF 6/APR/93 *
*

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG	PEAK
1	033	030	029	027	028	030	030	030	031	029	027	028	028	029	029	029	028	026	021	022	027	029	[ZS]	[ZS]	028	033
2	029	032	031	028	030	033	028	026	027	036	039	038	039	037	036	037	036	033	034	035	035	033	[ZS]	[ZS]	033	039
3	035	032	032	033	032	030	029	028	029	031	032	032	033	033	[MT]	[ZS]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	032	039
4	[IM]	024	024	025	019	022	017	017	023	[SC]	[ZS]	029	029	029	028	030	031	029	028	028	027	024	[ZS]	[ZS]	025	031
5	024	020	019	019	019	021	024	022	028	034	022	023	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	022	017	017	[ZS]	[ZS]	022	034
6	022	022	022	018	016	018	018	017	019	023	025	028	025	025	023	025	022	020	017	015	017	017	[ZS]	[ZS]	021	028
7	017	015	018	015	017	021	016	011	015	018	022	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ZS]	[ZS]	017	022
8	021	022	019	017	017	018	019	022	026	026	028	028	027	026	027	032	036	037	034	034	034	036	[ZS]	[ZS]	027	037
9	031	030	030	030	032	031	029	029	031	031	[MT]	033	035	036	035	034	031	031	032	031	031	029	[ZS]	[ZS]	032	036
10	025	026	025	024	024	024	019	021	017	016	025	028	028	[MT]	027	028	028	024	022	022	023	029	[ZS]	[ZS]	024	028
11	019	019	022	022	023	023	022	025	028	028	030	030	030	028	028	028	027	023	024	018	020	022	[ZS]	[ZS]	025	030
12	024	021	022	022	022	023	022	020	024	026	026	025	026	026	027	027	026	020	022	023	021	017	[ZS]	[ZS]	023	027
13	018	019	021	022	022	021	020	021	019	019	023	024	026	027	026	025	025	023	021	020	020	023	[ZS]	[ZS]	022	027
14	025	024	025	025	024	023	019	017	024	028	028	028	028	029	031	031	025	025	026	026	027	027	[ZS]	[ZS]	026	031
15	027	029	028	027	027	027	024	024	024	024	029	032	032	031	030	031	026	025	025	022	022	019	[ZS]	[ZS]	027	032
16	022	021	021	022	022	020	021	023	025	030	032	032	032	032	[CA]	[CA]	026	019	023	019	014	021	[ZS]	[ZS]	024	032
17	021	025	024	023	022	023	017	019	020	020	020	022	019	022	022	020	018	015	013	010	009	007	[ZS]	[ZS]	019	025
18	017	017	014	011	011	010	009	012	012	[ZS]	013	017	018	018	020	020	018	018	018	017	018	021	[ZS]	[ZS]	016	021
19	025	026	025	026	026	026	020	021	022	027	027	028	032	032	031	030	032	031	027	029	026	030	[ZS]	[ZS]	027	032
20	019	031	037	037	037	037	036	035	036	036	034	036	036	036	036	035	034	030	024	033	032	033	[ZS]	[ZS]	034	037
21	030	027	018	020	028	030	029	023	015	023	028	027	027	027	028	031	030	030	030	031	028	025	[ZS]	[ZS]	027	031
22	026	026	026	027	029	030	029	027	024	026	028	031	031	029	030	030	030	033	031	028	031	032	[ZS]	[ZS]	029	033
23	032	032	031	031	030	028	027	027	027	027	027	029	027	028	028	028	025	025	022	022	025	025	[ZS]	[ZS]	027	032
24	025	025	025	026	027	026	025	025	[MT]	[MT]	026	027	028	028	028	028	027	026	022	019	027	027	[ZS]	[ZS]	026	028
25	028	026	028	028	027	029	029	029	024	025	027	031	029	030	032	032	027	016	015	017	022	022	[ZS]	[ZS]	026	032
26	028	029	030	030	030	030	030	029	029	031	030	032	033	033	033	033	032	032	030	028	029	028	[ZS]	[ZS]	030	033
27	034	035	034	033	030	031	034	034	034	035	034	036	035	036	034	034	034	033	032	031	027	029	[ZS]	[ZS]	033	036
28	026	030	030	032	030	032	032	035	033	032	032	035	037	034	033	032	028	027	026	026	030	023	[ZS]	[ZS]	031	037
29	028	027	027	027	026	028	028	030	028	028	028	026	026	026	028	028	028	028	028	028	028	028	[ZS]	[ZS]	028	030
30	030	030	031	030	029	028	029	029	028	029	030	029	031	033	032	032	033	035	032	035	033	026	[ZS]	[ZS]	031	035
AV	026	026	026	025	025	026	024	024	025	027	028	029	029	030	029	030	028	026	025	025	025	025	[]	[]	026	
SD	005	005	005	006	006	006	006	006	006	005	005	004	005	004	004	004	005	006	006	006	007	006	[]	[]		
PK	035	035	037	037	037	037	036	035	036	036	039	038	039	037	036	037	036	037	034	035	035	036	[]	[]		039

DU000 [Program: EDMS_MONTHSUM

Version: LC:12-MAY-92]

OZONE [442013]

PARTS PER MILLION

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1

SITE 54 CRATERS OF THE MOON NM, ID

DEC, 1992

AEROVIRONMENT INC.

*
* FINAL DATA *
* AS OF 6/APR/93 *
*

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG	PEAK	
1	.032	.030	.030	.032	.031	.031	.033	.029	.028	.030	.035	.034	.031	.032	.033	.033	.033	.032	.031	.033	.034	.033	.033	[PC]	[ZS]	.032	.035
2	.033	.036	.036	.032	.031	.031	.026	.031	.029	[ZS]	[ZS]	.033	.034	.033	.033	.034	.034	.034	.034	.033	.034	.034	.031	[ZS]	[ZS]	.033	.036
3	.033	.033	.031	.030	.029	.029	.027	.026	.028	.030	.031	.030	.032	.033	.032	.032	.032	.031	.029	.029	.030	.030	.030	[ZS]	[ZS]	.030	.033
4	.036	.033	.032	.035	.033	.034	.036	.035	.036	.034	.035	.035	.036	.037	.037	.037	.038	.036	.037	.036	.035	.037	[ZS]	[ZS]	.035	.038	
5	.036	.035	.036	.036	.038	.040	.039	.038	.036	.035	.036	.038	.038	.037	.036	.037	.036	.035	.033	.032	.035	.038	[ZS]	[ZS]	.036	.040	
6	.035	.033	.032	.034	.035	.034	.033	.036	.032	.035	.036	.037	.037	.038	.041	.040	.041	.040	.040	.040	.038	.037	[ZS]	[ZS]	.037	.041	
7	.040	.039	.037	.037	.037	.036	.037	.037	.037	.035	.036	.035	.036	.033	.034	.037	.038	.034	.036	.035	.038	.035	[ZS]	[ZS]	.036	.040	
8	.038	.036	.035	.031	.031	.031	.034	.031	.030	.032	.036	.040	.040	.040	.041	.041	.040	.040	.039	.036	.036	.036	.036	[PC]	[ZS]	.036	.041
9	.034	.035	.035	.035	.035	.034	.033	.033	.035	.033	.034	.034	.033	.033	.036	.037	.036	.036	.036	.035	.034	.032	.032	[ZS]	[ZS]	.035	.037
10	.032	.033	.037	.036	.034	.033	.035	.033	.035	.033	.034	.034	.033	.033	.033	.033	.031	.032	.032	.031	.028	.026	[ZS]	[ZS]	.033	.037	
11	.029	.031	.033	.029	.035	.034	.036	.038	.038	.037	.035	.036	.037	.037	.038	.039	.038	.037	.036	.036	.036	.036	[ZS]	[ZS]	.036	.039	
12	.037	.038	.037	.037	.037	.034	.038	.033	.031	.034	.034	.036	.036	.037	.036	.033	.035	.037	.037	.037	.034	.036	[ZS]	[ZS]	.036	.038	
13	.036	.036	.036	.035	.035	.033	.034	.034	.034	.035	.034	.032	.032	.032	.031	.030	.029	.027	.026	.031	.028	.030	[ZS]	[ZS]	.032	.036	
14	.029	.030	.028	.027	.029	.029	.029	.029	.029	.030	.032	.032	.034	.035	.036	.037	.034	.036	.028	.034	.033	.034	[PC]	[ZS]	.032	.037	
15	.029	.029	.030	.031	.031	.030	.029	.030	.030	.032	.031	.029	.030	.030	[ZS]	.032	.030	.031	.032	.032	.032	.032	.031	[ZS]	.032	.035	
16	.034	.035	.035	.034	.031	.033	.031	.030	.026	.028	.031	.029	.030	.030	[ZS]	.032	.030	.034	.034	.033	.036	.035	[ZS]	[ZS]	.036	.038	
17	.031	.031	.033	.033	.032	.034	.029	.028	.029	.026	.033	.035	.034	.038	.038	.037	.035	.032	.034	.033	.036	.035	[ZS]	[ZS]	.036	.038	
18	.036	.036	.035	.035	.035	.036	.037	.034	.037	.037	.036	.037	.038	.038	.037	.035	.036	.036	.036	.036	.036	.036	[ZS]	[ZS]	.035	.038	
19	.034	.036	.036	.036	.035	.035	.035	.034	.032	.035	.035	.036	.036	.035	.035	.034	.034	.035	.033	.033	.034	.034	.034	[ZS]	.036	.036	
20	.035	.034	.035	.034	.035	.035	.036	.036	.036	.037	.037	.037	.037	.039	.039	.040	.041	.040	.039	.039	.038	.038	[ZS]	[ZS]	.037	.041	
21	.037	.037	.036	.036	.036	.035	.035	.033	.035	.035	.036	.036	.036	.036	.036	.036	.036	.036	.036	.036	.035	.035	[ZS]	[ZS]	.037	.041	
22	.036	.036	.038	.038	.037	.037	.036	.035	.032	.034	.035	.036	.037	.036	.036	.036	.036	.036	.036	.036	.036	.036	[PC]	[ZS]	.037	.038	
23	.037	.036	.036	.035	.036	.034	.035	.032	.029	[MT]	.034	.034	.036	.036	.036	.036	.036	.036	.036	.036	.036	.036	[ZS]	[ZS]	.035	.037	
24	.036	.037	.036	.036	.034	.036	.036	.033	.034	.038	.037	.036	.036	.036	.036	.036	.036	.036	.036	.037	.037	.037	[ZS]	[ZS]	.035	.038	
25	.038	.037	.033	.033	.033	.031	.034	.032	.035	.036	.036	.036	.037	.036	.036	.037	.037	.037	.037	.037	.037	.037	[ZS]	[ZS]	.036	.038	
26	.036	.036	.036	.036	.036	.036	.034	.034	.034	.030	.032	.036	.035	.036	.038	.039	.038	.039	.038	.039	.039	.039	[ZS]	[ZS]	.036	.039	
27	.038	.038	.038	.039	.039	.039	.038	.038	.037	.037	.038	.037	.037	.038	.039	.039	.040	.041	.039	.038	.039	.038	[ZS]	[ZS]	.039	.041	
28	.038	.039	.039	.039	.039	.039	.039	.036	.029	.035	.037	.039	.042	.042	.042	.043	.042	.041	.037	.036	.032	.029	[ZS]	[ZS]	.037	.043	
29	.030	.030	.030	.032	.032	.034	.034	.035	.038	.038	.039	.040	.040	.040	.040	.039	.039	.040	.040	.040	.040	.040	[PC]	[ZS]	.040	.040	
30	.039	.039	.038	.038	.039	.039	.039	.039	.039	.039	.037	.038	.038	[MT]	[ZS]	.037	.037	.037	.037	.037	.036	.036	[ZS]	[ZS]	.037	.038	
31	.037	.037	.037	.037	.037	.035	.032	.032	.030	.035	.035	.037	.036	.039	.035	.040	.038	.037	.040	.041	.038	.041	[ZS]	.041	.037	.041	
AV	.035	.035	.035	.034	.034	.034	.034	.033	.033	.034	.035	.035	.036	.036	.036	.036	.036	.036	.035	.035	.035	.034	[]	[]	.036	.035	
SD	.003	.003	.003	.003	.003	.003	.003	.003	.004	.003	.002	.003	.003	.003	.003	.003	.003	.003	.004	.003	.003	.003	[]	[]	.003		
PK	.040	.039	.039	.039	.039	.040	.039	.039	.039	.039	.040	.042	.042	.042	.042	.043	.042	.041	.040	.041	.040	.041	[]	[]	.041	.043	

DU000 [Program: EDMS_MONTHSUM

Version: LC:12-MAY-92]

WIND SPEED [61101]

METERS/SECOND

LEVEL HEIGHT : 10 METERS

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1

SITE 54 CRATERS OF THE MOON NM, ID

OCT, 1992

AEROVIRONMENT INC.

*
* FINAL DATA
* AS OF 6/APR/93
*

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG	PEAK
1	[BM]	0.9	0.8	0.6	1.7	1.2	1.2	1.8	4.2	3.3	3.6	3.5	2.7	2.7	3.1	3.0	3.2	3.4	1.5	2.1	2.5	2.0	0.7	1.4	2.2	4.2
2	1.0	2.3	2.9	1.8	1.8	2.5	1.1	3.2	3.5	3.2	3.6	3.2	5.0	7.3	7.3	6.8	6.2	4.5	3.0	5.1	7.7	8.0	9.4	12.9	4.7	12.9
3	11.5	10.7	10.9	10.2	4.3	3.1	1.2	1.2	3.3	4.1	6.5	6.2	7.4	7.4	6.9	6.3	6.4	8.3	8.4	7.9	7.3	5.9	6.1	4.9	6.5	11.5
4	1.9	0.6	2.1	1.3	1.1	0.9	1.0	0.8	1.1	2.2	3.2	4.0	4.5	4.9	4.6	5.8	6.5	5.7	5.4	4.2	3.0	2.1	1.1	1.7	2.9	6.5
5	0.8	0.7	1.7	2.6	2.6	2.6	1.9	1.6	2.2	2.5	2.7	2.8	2.4	1.7	1.4	2.1	2.7	3.1	2.7	2.9	2.1	2.6	1.1	1.6	2.1	3.1
6	1.6	1.0	1.0	1.3	3.5	2.2	1.1	1.6	2.2	5.7	5.7	5.7	5.5	4.8	5.2	4.2	4.0	2.7	2.7	2.1	1.9	1.7	3.1	3.2	3.1	5.7
7	3.1	1.8	1.8	1.6	1.7	1.2	1.5	0.7	1.9	1.9	1.7	2.9	4.3	4.5	5.2	5.8	6.0	5.5	5.0	4.6	3.4	1.7	0.8	0.8	2.9	6.0
8	2.4	2.9	2.4	0.7	0.6	1.2	1.3	2.3	1.4	1.6	1.4	2.8	2.9	5.9	5.3	4.8	4.4	5.0	4.7	4.3	5.1	5.9	6.3	3.2	3.3	6.3
9	2.7	1.7	1.5	1.3	1.6	1.2	1.1	1.9	2.6	3.1	3.2	3.9	6.0	6.4	6.0	6.4	6.2	6.5	6.2	5.6	4.6	3.1	2.0	1.5	3.6	6.5
10	0.7	1.0	1.5	1.3	0.8	0.8	0.8	0.9	1.3	1.9	1.9	2.9	3.5	4.0	4.7	4.2	3.9	3.7	2.7	2.3	2.2	1.5	0.9	0.8	3.1	4.7
11	0.6	0.7	0.8	0.9	0.6	1.2	0.8	0.9	1.6	1.4	1.4	2.6	3.6	5.2	6.3	6.9	7.9	7.8	6.5	6.0	4.4	2.4	2.3	0.8	3.1	7.9
12	0.6	0.6	0.9	1.0	1.1	2.6	2.9	2.4	1.9	3.3	4.6	6.4	8.2	9.2	9.9	10.4	10.0	8.0	5.5	5.3	5.2	4.5	4.2	4.1	4.7	10.4
13	4.5	4.2	5.4	5.1	5.4	5.3	5.7	6.0	6.8	6.8	7.1	9.6	9.3	10.6	10.6	11.1	11.3	8.5	6.8	6.8	5.3	1.7	1.7	1.2	6.5	11.3
14	1.9	1.1	1.5	2.5	1.8	2.0	2.5	2.2	2.4	3.5	5.8	8.1	8.8	10.8	10.2	10.7	9.4	7.7	5.7	5.2	7.8	6.9	6.0	5.6	5.4	10.8
15	6.4	5.1	2.0	1.3	0.9	0.7	0.7	1.0	1.3	3.6	2.5	2.4	3.2	4.0	6.0	7.3	7.1	8.5	8.7	7.1	3.9	2.7	2.1	2.5	3.8	8.7
16	1.1	0.6	0.9	0.7	0.9	1.2	0.8	1.3	1.4	1.3	[PA]	[PA]	[PA]	[PA]	[PA]	10.1	10.2	7.8	7.7	5.0	4.7	3.2	2.3	3.3	3.4	10.2
17	2.5	1.6	2.2	2.3	2.3	1.7	1.8	0.7	1.0	1.5	3.7	7.0	6.9	6.1	6.9	7.3	7.4	6.3	5.2	3.6	1.3	1.1	1.7	2.4	3.5	7.4
18	1.4	0.8	0.5	0.6	1.6	1.1	0.9	0.6	1.9	1.9	2.5	2.3	2.6	4.4	5.9	5.7	3.9	3.0	2.5	5.0	5.5	3.4	2.1	2.4	2.6	5.9
19	3.5	3.5	2.4	1.1	1.6	1.5	1.3	0.8	2.1	2.6	1.6	2.8	4.1	4.9	5.8	6.6	6.7	5.6	5.1	5.1	4.3	1.0	0.9	0.8	3.2	6.7
20	1.7	1.5	1.1	1.5	0.9	0.9	0.8	1.6	2.4	2.5	2.3	2.0	2.7	3.9	4.3	4.7	3.8	2.3	2.0	2.3	2.5	2.4	1.1	0.8	2.2	4.7
21	0.8	0.8	1.6	0.7	1.1	1.0	0.6	0.6	1.1	1.7	2.1	5.3	5.9	6.2	6.7	6.9	6.2	6.0	4.7	7.7	6.8	7.0	5.6	5.8	3.9	7.7
22	4.3	4.4	4.1	3.6	2.4	2.6	1.9	1.7	1.5	3.6	4.6	6.0	6.4	5.4	5.9	7.6	7.2	5.9	5.4	4.1	2.7	1.4	0.8	0.7	3.9	7.6
23	0.8	1.4	2.1	1.5	1.6	2.5	1.8	2.2	3.1	2.6	3.2	4.1	4.4	4.1	4.1	3.3	2.7	3.2	3.5	3.8	4.2	4.1	2.8	1.6	2.9	4.4
24	3.0	3.3	1.9	1.5	0.8	0.9	0.6	0.7	0.6	1.2	1.6	2.3	5.0	5.7	5.9	6.7	6.3	3.5	2.6	0.8	1.5	2.2	0.8	1.0	2.5	6.7
25	1.2	1.3	1.3	1.0	1.0	0.7	0.8	0.6	1.7	2.6	2.6	1.8	1.9	2.8	4.8	5.0	5.0	4.8	4.7	5.2	6.6	6.0	5.1	4.7	3.0	6.6
26	4.0	3.8	3.1	3.2	1.9	1.0	1.1	0.9	0.9	2.0	3.7	5.7	6.4	6.4	7.9	9.9	7.8	6.1	5.5	1.6	1.0	1.3	1.9	1.6	3.7	9.9
27	3.8	3.5	2.4	1.7	2.3	1.7	1.5	1.0	2.6	2.6	2.4	2.0	2.0	4.5	5.4	5.7	5.9	4.7	4.4	4.1	4.4	3.9	2.2	1.2	3.2	5.9
28	0.6	0.7	1.4	3.5	2.6	1.4	1.2	0.7	1.6	2.4	2.4	1.9	1.8	2.9	3.3	3.5	4.1	5.5	4.4	7.1	3.9	4.9	4.3	4.6	2.8	5.5
29	2.5	1.9	3.1	2.3	2.3	3.5	4.9	5.5	6.0	5.1	5.8	6.0	6.4	8.8	8.3	9.4	7.2	7.6	7.9	7.1	4.9	4.8	5.3	5.9	5.5	9.4
30	5.4	6.7	[RF]	4.0	3.6	3.7	3.7	2.6	2.1	2.7	3.9	7.7	10.4	8.4	8.5	6.2	4.8	5.7	5.7	6.6	4.8	3.9	4.8	4.3	5.2	10.4
31	4.8	3.3	2.8	2.5	1.9	1.3	2.5	5.3	7.4	6.6	5.9	5.9	5.5	4.9	5.0	6.2	7.3	6.6	4.5	3.8	3.2	3.9	5.4	5.4	4.7	7.4
AV	2.7	2.4	2.3	2.1	1.9	1.8	1.6	1.8	2.4	2.9	3.4	4.3	5.0	5.6	6.0	6.5	6.2	5.6	4.9	4.5	4.2	3.5	3.1	3.0	3.6	
SD	2.3	2.2	1.9	1.9	1.1	1.1	1.2	1.5	1.7	1.4	1.6	2.1	2.3	2.2	2.1	2.3	2.2	1.9	1.9	1.9	1.9	1.9	2.2	2.5		
PK	11.5	10.7	10.9	10.2	5.4	5.3	5.7	6.0	7.4	6.8	7.1	9.6	10.4	10.8	10.6	11.1	11.3	8.5	8.7	7.9	7.8	8.0	9.4	12.9		12.9

WIND SPEED [61101]

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1

METERS/SECOND

SITE 54 CRATERS OF THE MOON NM, ID

LEVEL HEIGHT : 10 METERS

NOV, 1992

AEROVIRONMENT INC.

*
* FINAL DATA
* AS OF 6/APR/93
*

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG	PEAK	
1	6.0	6.5	3.8	2.8	3.0	3.2	3.8	6.2	7.1	7.2	6.3	7.6	8.9	10.3	11.1	9.4	7.8	6.6	6.5	4.3	4.2	5.4	2.8	2.8	2.8	6.0	11.1
2	5.1	5.5	6.4	8.3	8.6	4.5	2.2	1.3	2.0	4.5	6.6	4.8	6.9	6.9	5.1	4.9	4.2	3.5	3.5	3.4	4.0	3.5	2.7	2.7	4.3	4.7	8.6
3	3.3	2.4	1.9	2.2	2.4	2.4	2.2	1.4	1.3	3.2	4.3	3.4	2.5	2.5	2.1	2.1	[MT]	2.8	2.4	1.5	1.3	1.3	1.5	0.8	2.2	4.3	
4	1.3	0.9	0.7	1.0	1.6	1.5	1.2	0.7	1.6	2.3	5.0	4.4	2.7	3.2	4.8	5.6	5.1	5.4	4.5	3.5	1.3	2.2	1.5	2.4	2.7	5.6	
5	3.6	2.1	2.5	2.5	2.0	1.1	1.8	1.3	1.9	2.9	3.3	4.1	5.4	6.2	7.0	7.2	6.2	4.7	3.4	3.5	1.7	2.2	2.4	2.8	3.4	7.2	
6	3.2	3.0	2.5	1.4	1.8	1.5	1.1	1.3	1.5	1.0	0.8	0.7	1.1	1.3	0.8	0.6	1.4	1.1	1.2	1.2	0.9	1.0	0.9	0.9	1.3	3.2	
7	1.0	1.2	0.9	1.5	1.1	1.3	1.7	0.7	1.2	1.6	1.7	1.6	4.3	5.4	4.8	6.3	9.1	9.3	6.8	4.6	3.7	2.5	1.7	1.8	3.1	9.3	
8	2.4	3.3	0.9	1.5	2.6	3.8	4.0	4.8	5.4	3.9	6.0	8.2	7.4	6.5	6.1	5.8	7.5	7.6	6.8	8.0	6.6	7.1	7.6	5.1	5.4	8.2	
9	4.2	4.8	4.0	5.1	6.3	4.9	6.3	6.3	4.9	5.4	6.5	6.8	6.9	7.0	7.1	6.8	6.3	5.5	3.6	2.2	1.4	2.2	1.8	1.7	4.9	7.1	
10	0.9	0.5	0.9	1.1	0.7	1.5	1.7	1.7	1.8	3.0	4.9	5.9	6.5	6.4	5.9	5.4	5.2	5.0	3.8	2.6	2.0	1.6	1.3	1.2	3.0	6.5	
11	1.6	1.6	1.6	0.6	1.8	1.4	1.3	1.2	1.2	1.0	1.1	1.1	1.4	1.1	1.2	1.5	1.5	1.3	1.1	0.7	2.0	2.1	2.7	2.6	1.5	2.7	
12	1.6	0.7	0.9	0.6	1.8	1.4	1.3	2.1	1.5	1.1	1.4	1.5	1.4	1.5	1.8	1.4	1.7	1.4	1.8	2.0	1.1	0.9	1.2	0.8	1.5	2.3	
13	1.4	1.1	1.6	2.5	2.1	2.4	2.9	2.4	1.8	3.0	3.2	3.2	3.2	2.9	2.4	2.3	2.0	1.9	3.4	3.3	2.7	2.8	2.8	2.0	2.0	3.4	
14	2.9	2.3	1.9	0.9	0.7	0.7	0.7	0.6	2.0	2.7	2.8	2.8	2.4	2.0	1.5	1.5	2.0	2.9	2.6	2.8	2.7	1.0	0.5	0.7	2.2	3.2	
15	1.3	1.7	1.9	0.9	0.7	1.2	1.3	2.1	1.1	2.2	2.2	1.8	1.6	1.7	2.3	3.0	3.7	2.2	2.0	0.8	0.5	0.8	0.5	0.6	1.5	3.2	
16	0.6	0.8	0.6	0.6	0.5	0.7	0.7	1.0	1.5	2.2	1.4	0.8	2.1	4.3	5.1	4.3	4.9	3.3	3.3	2.0	0.4	0.5	1.2	0.9	1.4	3.0	
17	0.5	0.5	0.5	0.6	0.5	1.2	1.3	2.1	2.2	2.4	3.3	3.1	4.1	4.3	4.2	4.4	4.9	3.3	3.3	2.3	3.0	2.1	3.0	2.6	2.0	5.1	
18	1.5	1.1	1.1	0.8	1.9	1.0	1.3	1.3	0.6	1.1	1.2	2.0	1.9	1.4	1.7	1.9	2.6	1.4	1.0	1.5	0.8	1.2	1.1	2.3	2.0	4.9	
19	1.6	1.3	1.5	1.7	1.6	1.1	1.3	1.3	0.6	1.1	1.2	2.0	4.4	5.2	3.0	2.5	1.9	1.6	0.7	1.4	1.6	0.8	0.5	1.5	1.4	2.6	
20	2.0	3.0	4.1	4.8	4.5	4.7	3.7	2.7	3.9	4.5	4.6	4.5	4.4	5.2	3.0	2.8	1.9	2.5	1.9	1.4	1.6	2.0	3.2	1.5	3.2	5.2	
21	1.0	2.6	3.1	1.8	1.4	1.1	1.4	1.5	1.4	1.0	1.3	2.0	2.5	3.3	3.3	2.8	2.8	2.5	1.9	1.2	0.9	1.5	0.8	0.6	1.8	3.3	
22	0.8	1.5	1.9	1.0	2.3	2.1	3.3	3.0	2.6	2.3	4.3	3.6	2.8	2.0	2.6	2.0	2.6	2.7	2.0	0.9	0.7	1.0	1.8	0.7	2.1	4.3	
23	1.6	1.7	2.0	2.1	1.6	1.3	1.3	1.0	1.3	1.5	1.0	2.0	2.9	3.2	3.7	4.3	3.6	2.4	1.0	1.0	1.2	1.6	2.0	0.9	1.9	4.3	
24	0.6	0.7	0.7	1.6	1.1	1.1	1.2	0.9	0.7	2.2	3.0	1.6	1.0	1.4	2.4	3.1	2.9	2.7	1.0	1.0	2.4	0.9	1.1	1.4	1.5	3.1	
25	1.0	0.8	1.1	0.9	0.9	0.6	0.6	0.6	0.7	0.6	1.4	1.1	1.2	1.2	1.3	1.2	0.8	0.5	0.7	0.7	0.7	0.6	0.5	0.6	0.8	1.4	
26	0.7	1.7	3.0	1.8	0.9	1.7	1.1	0.8	1.3	2.0	1.8	3.1	3.3	3.4	3.3	3.1	2.3	2.5	1.7	1.3	1.2	0.8	1.0	1.7	1.9	3.4	
27	2.5	2.3	0.8	1.5	0.7	1.7	3.2	3.0	2.6	3.0	2.5	2.9	2.5	1.9	2.2	2.5	1.4	1.6	1.4	0.9	0.6	1.5	1.2	0.8	1.9	3.2	
28	0.7	0.8	1.0	1.3	0.9	0.7	0.6	2.0	1.9	1.6	0.7	1.4	1.4	3.3	3.6	3.3	2.5	2.7	1.5	1.4	2.6	1.5	1.3	0.9	1.6	3.6	
29	0.7	0.7	0.5	0.6	0.7	1.9	2.2	2.6	2.1	1.0	2.2	2.1	3.8	4.4	4.4	3.1	2.2	1.2	0.8	0.8	0.9	0.7	0.9	0.7	1.7	4.4	
30	1.3	1.1	1.4	1.0	1.1	0.9	0.9	0.8	0.6	1.5	3.4	4.3	4.6	4.1	4.5	6.2	6.9	8.3	3.0	5.8	3.1	1.7	4.3	3.9	3.1	8.3	
AV	1.9	1.9	1.9	1.9	2.0	1.9	1.9	1.9	2.1	2.5	3.0	3.2	3.4	3.7	3.7	3.7	3.6	3.3	2.6	2.2	2.0	1.8	1.9	1.7	2.5		
SD	1.4	1.5	1.3	1.6	1.7	1.2	1.3	1.5	1.5	1.5	1.8	2.0	2.1	2.2	2.3	2.1	2.3	2.3	1.7	1.7	1.4	1.4	1.4	1.2			
PK	6.0	6.5	6.4	8.3	8.6	4.9	6.3	6.3	7.1	7.2	6.6	8.2	8.9	10.3	11.1	9.4	9.1	9.3	6.8	8.0	6.6	7.1	7.6	5.1		11.1	

DU000 [Program: EDMS_MONTHSUM]

Version: LC:12-MAY-92]

WIND SPEED [61101]

METERS/SECOND
LEVEL HEIGHT :

10 METERS

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1

SITE 34 CRATERS OF THE MOON NM, ID

DEC, 1992

AEROVIRONMENT INC.

*
* FINAL DATA
* AS OF 6/APR/93
*

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG	PEAK
1	3.6	2.2	1.9	2.1	3.4	2.7	2.0	0.8	0.7	0.9	2.0	2.3	3.2	3.1	3.3	2.9	3.0	3.2	2.8	2.5	2.5	3.4	3.4	3.5	2.6	3.6
2	3.3	3.1	1.2	0.6	0.6	1.2	1.6	0.6	0.9	0.9	2.1	2.2	2.0	0.7	1.7	3.2	1.2	1.0	3.4	2.0	2.6	1.9	1.0	2.7	1.7	3.4
3	3.1	2.6	2.6	2.9	2.4	2.0	2.3	1.5	0.7	1.5	1.5	3.5	3.9	4.5	3.9	3.3	2.4	1.3	0.5	0.9	0.8	0.8	0.6	0.4	2.1	4.5
4	1.5	0.7	0.8	4.1	2.9	4.6	2.2	3.2	3.9	3.3	4.8	4.3	3.9	4.4	3.9	4.5	4.0	3.9	4.6	3.3	1.8	1.4	0.9	1.3	2.3	5.0
5	3.5	5.3	5.4	2.7	3.9	4.6	0.7	1.0	0.8	0.7	0.9	2.7	1.8	1.2	2.1	2.0	2.3	2.4	1.1	1.2	1.8	2.7	3.4	3.4	2.5	4.7
6	2.8	1.0	0.6	0.9	0.6	0.7	0.8	1.0	0.6	2.1	2.5	2.7	3.1	3.6	4.0	4.2	4.7	4.5	3.3	4.4	2.0	0.6	0.5	0.5	2.2	4.1
7	4.1	3.2	2.6	1.8	1.7	2.9	2.5	2.9	2.8	1.7	5.4	8.5	7.9	9.1	10.4	9.5	9.0	8.7	8.1	8.0	7.4	6.1	6.0	5.2	6.2	10.4
8	1.7	2.3	3.5	3.7	3.6	8.0	6.2	7.0	6.3	6.5	6.9	7.5	7.0	7.1	6.4	7.2	7.5	7.5	7.2	6.4	5.8	4.7	3.1	2.9	6.1	8.0
9	5.8	5.3	4.2	5.1	5.6	0.9	1.2	1.2	1.3	1.1	0.7	1.6	2.2	3.4	4.3	3.1	2.5	1.7	1.4	2.8	3.3	4.3	4.8	5.7	2.3	5.7
10	2.2	1.3	1.3	0.9	0.9	1.2	1.5	5.8	4.2	3.8	3.5	3.0	2.3	3.7	5.9	6.2	5.5	4.3	2.2	1.5	1.5	1.3	2.6	1.5	4.1	6.4
11	6.3	5.8	6.4	5.5	6.2	5.0	5.0	5.8	4.2	3.8	3.5	3.0	2.3	3.7	5.9	6.2	5.5	4.3	2.2	1.5	1.5	1.3	2.6	1.5	4.1	6.4
12	1.8	2.6	1.1	0.9	1.0	1.5	2.7	1.4	0.8	1.7	1.0	1.6	1.1	1.6	1.2	1.6	2.0	2.4	3.0	3.0	0.9	2.2	0.8	4.0	1.9	3.8
13	3.8	2.0	2.2	1.1	2.2	1.4	1.3	1.4	1.6	2.1	2.9	3.3	2.0	2.9	2.2	2.6	3.4	2.4	1.4	0.9	2.9	2.2	0.9	2.2	2.1	3.0
14	1.4	0.9	1.1	0.9	2.1	2.3	1.2	1.0	0.6	1.2	1.5	2.9	2.2	2.1	1.9	2.7	2.1	2.4	2.3	0.7	1.2	1.0	0.8	0.9	1.6	2.7
15	0.7	0.8	1.4	1.6	2.2	1.2	1.2	1.6	2.0	1.5	1.1	1.1	1.4	2.1	1.9	2.5	2.2	2.3	0.6	0.9	0.7	1.0	1.4	1.8	1.5	2.5
16	0.5	0.8	0.5	0.6	1.6	0.9	0.8	0.7	0.9	1.0	1.6	2.1	2.9	1.8	2.2	1.2	0.5	1.9	2.6	2.1	2.4	0.8	0.9	1.1	2.1	5.3
17	2.2	3.2	3.9	4.2	5.3	5.2	3.1	2.0	2.3	2.0	2.5	2.9	3.5	3.1	1.9	1.5	2.6	3.2	3.4	2.7	1.8	1.9	1.9	1.7	1.5	2.9
18	0.5	0.4	0.7	0.7	0.5	0.6	0.7	0.8	0.7	1.0	1.4	2.0	2.4	2.2	1.9	1.5	2.6	3.2	3.4	2.7	1.8	1.9	1.9	1.7	1.5	2.9
19	0.6	1.0	1.5	0.7	0.5	0.5	1.0	0.6	0.7	1.0	1.4	2.0	2.4	2.2	1.9	1.5	2.6	3.2	3.4	2.7	1.8	1.9	1.9	1.7	1.5	2.9
20	1.0	0.7	0.6	0.7	0.7	1.0	0.8	1.0	1.7	0.7	1.9	1.6	1.8	3.9	4.2	3.8	4.3	4.6	2.2	1.9	2.0	1.6	2.1	1.6	1.4	2.4
21	2.3	3.2	2.9	4.1	2.0	2.4	3.8	3.4	7.1	6.5	7.1	6.5	6.1	7.9	10.9	9.6	4.6	5.7	8.6	6.9	6.3	2.8	3.0	4.8	5.6	10.9
22	9.1	8.9	9.6	8.9	9.3	11.2	10.4	9.1	8.5	7.8	6.5	7.3	8.2	9.0	8.1	9.1	7.9	8.8	8.6	7.0	6.1	6.9	4.0	4.8	8.2	11.2
23	4.7	3.5	3.8	3.3	3.4	2.9	2.4	1.1	1.1	1.6	1.5	2.0	1.8	3.1	5.0	4.0	4.3	5.3	3.6	1.9	1.9	2.6	3.3	2.3	2.9	5.3
24	2.1	2.8	6.0	5.4	2.7	3.1	4.5	1.7	1.9	4.9	2.4	2.8	2.5	2.9	2.3	2.6	2.6	1.7	3.1	2.1	2.3	1.9	1.7	0.9	2.8	6.0
25	1.6	1.2	2.3	1.0	1.5	2.5	0.9	0.4	1.1	2.0	2.4	3.1	2.6	2.2	3.1	3.1	2.9	2.3	2.3	7.2	8.6	1.0	0.7	0.8	1.9	3.1
26	0.5	0.7	0.5	1.2	1.6	1.4	0.7	0.7	0.6	0.6	1.3	1.9	5.6	5.4	5.3	5.9	6.3	6.5	6.1	7.2	8.6	8.8	8.7	8.0	3.8	8.8
27	7.6	7.7	9.7	10.4	10.6	10.5	8.4	8.0	7.1	6.9	6.4	6.1	5.6	5.4	5.3	5.9	6.3	6.5	4.9	3.8	2.8	2.1	1.7	2.6	6.3	10.6
28	1.0	2.3	2.4	3.7	2.5	1.7	3.0	3.1	3.6	3.1	2.3	1.3	1.4	1.7	2.0	1.5	1.4	1.3	1.0	0.9	2.1	2.6	2.0	3.5	2.1	3.7
29	4.7	4.6	3.6	5.1	4.6	6.1	6.2	6.2	5.4	5.7	4.9	4.3	2.8	1.7	1.4	1.1	1.2	1.5	3.3	4.0	3.9	3.0	5.3	6.0	4.0	6.2
30	5.2	4.6	4.4	3.6	3.7	3.5	3.2	3.3	3.2	2.7	1.6	4.7	6.5	6.6	9.1	9.2	8.8	9.2	8.3	7.8	9.3	7.3	5.0	4.1	5.6	9.3
31	3.7	3.4	2.9	1.9	1.5	1.6	1.1	2.9	1.8	2.7	2.8	3.4	3.6	3.8	3.7	4.2	3.5	2.7	3.5	3.4	2.1	1.9	1.8	1.5	2.7	4.2
AV	3.0	2.8	3.0	2.9	2.9	3.1	2.9	2.7	2.6	2.8	2.9	3.3	3.3	3.6	3.9	4.1	3.8	3.7	3.5	3.1	3.0	3.0	2.8	2.8	3.1	
SD	2.2	2.1	2.4	2.4	2.4	2.7	2.4	2.4	2.3	2.1	1.9	2.0	2.0	2.2	2.7	2.7	2.4	2.5	2.4	2.3	2.3	2.1	2.0	2.0		
PK	9.1	8.9	9.7	10.4	10.6	11.2	10.4	9.1	8.5	7.8	7.1	8.5	8.2	9.1	10.9	9.6	9.0	9.2	8.6	8.0	9.3	8.8	8.7	8.0		11.2

RESULTANT SPEED [61103]

METERS/SECOND

LEVEL HEIGHT : 10 METERS

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1

SITE 54 CRATERS OF THE MOON NM, ID

OCT, 1992

AEROVIRONMENT INC.

*
* FINAL DATA
* AS OF 6/APR/93
*

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG	PEAK
1	[BM]	0.3	0.6	0.3	1.6	0.8	0.2	1.7	4.1	3.2	3.4	3.3	2.4	2.4	2.4	2.1	2.8	3.1	1.3	2.0	2.5	1.8	0.1	0.3	0.6	4.1
2	0.5	2.1	2.8	1.1	1.7	1.8	0.2	3.0	3.0	3.0	3.2	2.8	3.7	6.9	7.1	6.6	6.1	4.4	2.9	5.1	7.6	7.8	9.2	12.9	1.7	12.9
3	11.3	10.6	10.7	10.1	4.2	3.1	0.1	1.0	3.2	4.0	6.4	6.1	7.4	7.4	6.8	6.2	6.4	8.3	8.3	7.8	7.2	5.8	6.1	4.8	6.3	11.3
4	1.7	0.1	2.1	0.9	0.8	0.5	0.8	0.6	0.9	2.1	3.1	3.9	4.4	4.8	4.3	5.7	6.5	5.7	5.3	4.2	2.9	2.0	0.4	1.4	2.2	6.5
5	0.5	0.4	1.1	2.4	2.5	1.8	1.8	1.6	1.5	2.4	2.6	2.6	2.1	1.3	0.7	1.4	2.4	3.0	2.6	2.9	2.9	2.6	0.7	1.3	0.4	3.0
6	1.1	0.6	0.6	0.3	3.4	1.4	0.4	1.3	2.0	4.8	5.9	5.3	5.2	4.4	4.9	3.6	3.6	2.6	2.5	1.7	1.7	1.6	3.0	3.1	2.1	5.5
7	3.0	1.7	1.7	1.5	1.6	1.1	1.4	0.3	1.7	1.7	1.2	2.5	4.0	4.3	5.1	5.5	5.9	5.4	4.9	4.5	3.3	1.6	0.5	0.5	1.4	5.9
8	2.3	2.8	2.4	0.3	0.2	1.1	1.1	2.2	0.8	1.4	1.1	2.7	0.4	5.7	5.1	4.7	4.2	4.9	4.6	4.3	5.0	5.8	6.2	2.6	2.2	6.2
9	2.5	1.4	1.2	0.9	1.3	0.8	0.7	1.4	2.4	2.7	3.0	3.7	5.7	5.9	5.9	6.3	6.1	6.5	6.1	5.5	4.6	2.7	1.5	0.6	2.7	6.5
10	0.2	0.4	0.9	0.9	0.4	0.5	0.4	0.4	1.0	1.7	1.5	2.6	3.1	3.9	4.6	4.1	3.8	3.6	2.6	2.3	2.2	1.3	0.5	0.5	1.2	4.6
11	0.4	0.5	0.2	0.6	0.2	0.5	0.2	0.3	1.5	1.2	1.1	2.1	3.3	4.9	6.1	6.8	7.8	7.8	6.5	6.0	4.2	2.0	2.0	0.3	2.1	7.8
12	0.4	0.3	0.6	0.4	0.7	2.5	2.8	2.4	0.2	3.2	4.5	6.2	8.0	9.1	9.7	10.3	9.9	8.0	5.5	5.2	5.2	4.5	4.1	4.1	4.2	10.3
13	4.4	4.1	5.3	5.0	5.3	5.3	5.7	5.9	6.8	6.7	6.9	9.4	9.1	10.3	10.4	11.0	11.2	8.4	6.8	6.7	7.8	6.9	5.3	0.7	6.2	11.2
14	1.8	0.7	0.6	2.3	1.7	1.6	2.3	2.1	2.2	3.4	5.7	7.9	8.6	10.7	10.0	10.6	9.3	7.6	5.6	5.2	7.8	6.9	5.9	5.6	5.1	10.7
15	6.4	5.0	1.6	1.0	0.4	0.2	0.3	0.8	1.1	3.4	2.0	2.0	2.6	3.7	5.9	7.2	7.0	8.4	8.7	7.1	3.8	2.5	2.0	2.3	2.8	8.7
16	0.7	0.2	0.4	0.2	0.1	0.6	0.3	0.7	0.7	1.2	[PA]	[PA]	[PA]	[PA]	[PA]	10.1	10.1	7.8	7.7	4.9	4.7	3.1	1.9	2.9	2.7	10.1
17	2.3	1.3	2.0	2.1	2.1	1.6	1.4	0.3	0.6	1.3	3.6	6.9	6.7	5.8	6.8	7.2	7.3	6.3	4.8	3.1	0.7	0.3	1.4	2.3	2.9	7.3
18	1.0	0.5	0.1	0.1	0.5	1.0	0.7	0.1	1.8	1.8	2.4	2.0	1.5	4.2	5.7	5.6	3.8	2.9	2.4	5.0	5.4	3.4	2.0	0.2	1.5	5.7
19	3.4	3.0	1.7	0.6	0.8	1.2	0.9	0.5	1.6	2.6	1.0	2.5	3.8	4.7	5.7	6.5	6.6	5.6	5.1	5.1	4.2	0.6	0.5	0.3	2.2	6.6
20	1.5	0.7	0.1	0.8	0.2	0.4	0.2	1.6	2.3	2.4	2.2	1.7	2.0	3.7	4.1	4.5	3.7	2.2	1.8	2.2	2.4	2.4	0.9	0.2	0.8	4.5
21	0.4	0.4	0.6	0.3	0.4	0.4	0.4	0.2	1.0	1.4	1.4	5.1	5.8	6.0	6.6	6.7	6.1	6.0	4.6	7.6	6.7	6.9	5.5	5.7	3.2	7.6
22	4.3	4.4	4.1	3.6	2.2	2.5	1.3	1.5	1.3	3.5	4.3	5.9	6.3	5.2	5.8	7.6	7.1	5.9	5.4	4.1	2.6	1.2	0.4	0.2	3.6	7.6
23	0.2	1.1	1.6	0.7	1.5	2.1	1.6	2.1	3.1	2.5	3.1	3.9	4.2	3.9	4.0	3.1	2.4	3.2	3.5	3.8	4.2	4.0	2.7	1.3	2.3	4.2
24	2.9	3.2	1.7	1.2	0.2	0.6	0.1	0.5	1.1	1.1	1.3	1.7	4.8	5.6	5.7	6.6	6.3	3.5	2.4	0.5	1.4	2.0	0.6	0.4	1.2	6.6
25	0.8	1.1	0.7	0.7	0.5	0.3	0.5	0.3	1.2	2.5	2.5	1.5	1.3	2.1	4.5	4.9	5.0	4.8	4.6	5.1	6.6	6.0	5.0	4.6	1.9	6.6
26	3.9	3.8	3.0	3.1	1.5	0.6	0.5	0.5	0.8	1.2	3.6	5.6	6.3	6.2	7.8	9.8	7.8	6.1	5.4	1.3	0.6	1.2	1.8	1.6	3.3	9.8
27	3.7	3.3	1.6	1.6	2.0	1.6	0.9	0.3	2.9	2.4	2.2	1.8	1.3	4.3	5.3	5.7	5.8	4.7	4.4	4.0	4.4	3.9	1.7	0.8	1.6	5.8
28	0.1	0.3	1.1	3.5	2.6	1.3	0.8	0.1	1.9	2.3	2.2	1.6	1.3	2.4	2.9	3.3	3.8	5.2	4.2	2.4	3.9	4.9	4.3	4.5	1.0	5.2
29	2.3	1.9	3.0	2.2	2.2	2.6	4.8	5.5	6.0	5.1	5.7	5.9	6.3	8.7	8.3	9.4	7.1	7.6	7.8	7.1	4.8	4.7	5.3	5.9	5.4	9.4
30	5.4	6.6	[RF]	3.8	3.5	3.6	3.6	2.4	2.0	2.6	3.8	7.7	10.3	8.4	8.3	6.1	4.7	5.7	5.6	6.6	4.8	3.9	4.7	4.1	5.1	10.3
31	4.5	3.2	2.7	2.4	1.7	0.9	2.3	5.2	7.3	6.5	5.8	5.8	5.4	4.8	4.8	6.1	7.3	6.6	4.5	3.8	3.2	3.8	5.3	5.4	4.5	7.3
AV	2.1	1.6	1.1	1.1	0.7	0.6	0.7	0.5	0.2	0.5	1.2	2.4	3.4	4.5	5.0	5.7	5.5	5.1	4.3	4.0	3.7	2.8	2.3	2.3	2.4	
SD	2.8	2.7	2.6	2.5	1.9	1.7	1.7	2.1	2.8	3.1	3.5	4.0	4.1	3.9	3.8	3.7	3.4	3.0	2.9	2.7	2.6	2.7	2.9	3.1		
PK	11.3	10.6	10.7	10.1	5.3	5.3	5.7	5.9	7.3	6.7	6.9	9.4	10.3	10.7	10.4	11.0	11.2	8.4	8.7	7.8	7.8	7.8	9.2	12.9		12.9

Note: Averages are vector averages
QU005 [Program: EDMS_MONTHSUM

Version: LC:12-MAY-92]

RESULTANT SPEED [61103]

METERS/SECOND

LEVEL HEIGHT : 10 METERS

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1

SITE 54 CRATERS OF THE MOON NM, ID

NOV, 1992

AEROVIRONMENT INC.

*
* FINAL DATA / *
* AS OF 6/APR/93 *
*

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG	PEAK
1	5.9	6.3	3.8	2.7	2.9	3.1	3.8	6.1	7.0	6.9	6.2	7.5	8.9	10.3	11.0	9.4	7.8	6.6	6.5	4.2	4.2	5.3	2.1	2.6	5.4	11.0
2	5.0	5.4	6.4	8.3	8.5	2.6	0.3	0.5	0.6	4.2	6.3	4.4	6.6	6.4	4.6	4.5	3.7	3.3	3.2	3.2	3.6	3.4	2.3	4.1	2.8	8.5
3	2.3	2.2	1.7	1.8	2.2	2.3	2.1	1.3	0.8	3.0	4.1	3.3	2.2	2.0	0.6	1.9	[MT]	2.7	2.3	1.4	1.3	1.2	1.4	0.6	1.3	4.1
4	1.1	0.5	0.3	1.0	1.6	0.9	0.7	0.1	1.4	1.1	4.9	3.9	2.2	3.1	4.7	5.5	5.0	5.3	4.5	3.4	2.4	0.7	1.2	2.3	1.9	5.5
5	3.5	1.3	2.3	2.2	1.7	0.7	1.4	0.8	1.7	2.7	3.1	4.1	5.4	6.1	7.0	7.2	6.2	4.6	3.3	3.4	1.5	2.1	2.3	2.7	2.6	7.2
6	3.2	3.0	2.4	1.3	1.8	0.9	0.8	1.2	0.4	0.9	0.7	0.6	0.9	1.3	0.7	0.5	1.4	1.1	1.1	1.2	0.5	0.7	0.5	0.8	0.5	3.2
7	0.6	0.5	0.1	0.6	0.4	1.0	1.3	0.2	0.4	1.5	1.6	1.1	4.2	5.3	4.6	6.2	9.0	9.2	6.1	4.6	3.6	2.3	1.6	1.7	2.1	9.2
8	2.4	3.2	0.8	0.7	2.5	3.7	3.9	4.7	5.3	3.6	5.8	8.1	7.4	6.5	6.0	5.8	7.5	7.5	6.8	8.0	6.6	7.1	7.5	5.1	5.2	8.1
9	4.2	4.8	4.0	5.0	6.2	4.9	6.2	6.2	4.8	5.3	6.5	6.7	6.8	6.9	7.0	6.7	6.3	5.5	3.4	2.1	1.2	2.2	1.7	0.8	4.7	7.0
10	0.5	0.1	0.7	0.7	0.2	1.4	1.7	1.7	1.8	2.9	4.8	5.8	6.5	6.3	5.9	5.3	5.1	4.9	3.7	2.5	1.9	1.3	0.6	0.9	2.5	6.5
11	1.3	1.4	1.5	1.4	1.8	1.2	1.1	0.6	1.1	0.7	0.9	0.8	1.1	0.7	0.7	1.1	1.3	1.1	0.8	0.2	0.9	2.1	2.7	2.6	0.9	2.7
12	1.3	0.2	0.4	0.4	1.7	1.3	1.2	2.0	1.9	2.1	2.2	2.0	1.7	1.4	1.7	1.2	1.7	1.4	1.7	2.0	0.9	0.6	0.7	0.3	1.1	2.2
13	1.0	0.4	1.5	2.4	2.0	2.3	2.9	2.3	1.4	0.7	1.1	1.2	1.2	1.5	1.1	1.2	0.4	1.5	3.4	3.2	2.4	2.8	2.8	2.1	0.6	3.4
14	2.9	2.2	1.8	2.0	2.0	2.4	1.0	0.3	1.5	2.9	3.0	3.0	3.1	2.7	2.3	2.3	1.9	1.9	2.5	2.8	2.7	0.7	0.4	0.6	1.9	3.1
15	1.1	1.7	1.9	0.7	0.3	0.1	0.2	0.2	1.8	2.7	2.7	2.7	2.3	1.9	1.3	1.4	1.9	2.9	2.1	0.6	0.2	0.9	0.3	0.1	1.1	2.9
16	0.2	0.7	0.4	0.1	0.3	1.1	1.2	2.1	0.9	2.1	2.1	1.7	1.1	1.2	2.0	3.0	1.6	0.5	1.8	0.2	0.0	0.4	1.1	0.4	0.4	3.0
17	0.2	0.2	0.1	0.2	0.2	0.3	0.3	0.6	0.8	2.1	0.8	0.5	1.9	4.3	5.0	4.2	3.6	2.0	2.4	2.2	3.0	1.9	3.0	2.5	1.2	5.0
18	1.3	0.9	0.8	0.3	1.5	0.7	1.1	2.1	2.1	2.4	3.2	3.0	4.0	4.3	4.1	4.3	4.9	3.3	3.3	1.8	1.4	0.7	0.3	1.5	2.0	4.9
19	1.2	1.0	1.4	1.4	1.5	0.5	1.2	1.2	0.4	0.6	1.0	1.8	1.8	1.2	1.5	1.7	2.4	0.5	1.0	0.7	0.7	0.7	0.3	1.5	0.3	2.4
20	2.0	2.8	3.9	4.6	4.3	4.4	3.4	2.5	3.7	4.3	4.5	4.3	4.3	5.1	2.8	2.4	1.7	1.2	0.2	1.3	1.3	1.9	3.1	1.1	2.8	5.1
21	0.7	2.5	3.1	1.7	1.3	0.9	0.7	1.1	1.2	0.8	1.1	1.7	2.5	3.2	3.2	2.7	2.8	2.4	1.9	1.1	0.5	1.5	0.6	0.1	1.2	3.2
22	0.8	1.4	1.9	0.7	2.3	1.9	3.3	3.0	2.5	1.7	4.3	3.6	1.4	1.8	2.4	1.6	2.5	2.5	1.8	0.6	0.3	0.6	1.4	0.2	0.5	4.3
23	1.4	1.5	1.8	1.9	1.5	1.2	0.7	0.8	1.2	0.8	0.8	1.8	2.8	3.1	3.6	4.2	3.5	2.3	0.9	0.9	1.1	1.6	1.9	0.4	0.7	4.2
24	0.2	0.3	0.2	1.6	1.0	0.5	1.0	0.8	0.6	1.2	2.9	1.5	0.8	1.2	2.2	3.0	2.8	2.5	0.8	0.6	2.2	0.8	0.6	1.1	0.0	3.0
25	0.7	0.5	0.8	0.4	0.1	0.3	0.5	0.2	0.1	0.3	1.1	1.0	1.1	1.0	1.0	1.1	0.4	0.3	0.1	0.2	0.4	0.4	0.2	0.3	0.2	1.2
26	0.2	1.2	2.9	1.4	0.3	1.3	0.8	0.3	0.3	1.7	1.7	3.0	3.3	3.4	3.2	3.1	2.4	2.4	1.5	1.1	0.3	0.4	0.6	1.3	1.4	3.4
27	2.5	2.3	0.9	1.2	0.4	1.5	3.2	3.0	2.6	3.0	2.5	2.7	2.4	1.8	2.2	2.9	1.3	1.6	1.0	0.4	0.4	1.1	0.6	0.4	1.5	3.2
28	0.4	0.4	0.4	1.1	0.4	0.3	0.1	1.8	1.8	1.2	0.3	1.3	1.3	3.3	3.5	3.3	2.5	2.6	0.6	0.9	2.3	1.5	1.0	0.7	1.1	3.5
29	0.1	0.1	0.2	0.4	0.5	1.7	2.2	2.6	2.0	0.6	2.1	1.7	3.8	4.4	4.3	3.0	2.1	1.1	0.5	0.6	0.5	0.5	0.8	0.3	1.0	4.4
30	1.3	1.0	1.4	1.0	1.0	0.8	0.8	0.8	0.3	1.3	3.3	4.2	4.4	4.0	4.4	6.0	6.5	8.3	0.8	5.7	0.5	0.5	4.2	3.9	1.7	8.3
AV	0.6	0.6	0.6	0.6	0.7	0.6	0.5	0.5	0.4	0.3	0.5	1.1	1.4	1.6	2.0	2.1	2.2	1.8	1.0	1.1	0.8	0.7	0.8	0.7	0.8	
SD	2.1	2.3	2.1	2.3	2.5	1.9	2.1	2.3	2.4	2.7	3.4	3.4	3.7	3.9	3.7	3.7	3.5	3.5	2.8	2.5	2.1	2.1	2.1	1.8		
PK	5.9	6.3	6.4	8.3	8.5	4.9	6.2	6.2	7.0	6.9	6.5	8.1	8.9	10.3	11.0	9.4	9.0	9.2	6.8	8.0	6.6	7.1	7.5	9.1	11.0	

Note: Averages are vector averages
DU005 CProgram: EDMS_MONTHSUM

Version:

LC:12-MAY-92J

RESULTANT SPEED [61103]

METERS/SECOND

LEVEL HEIGHT : 10 METERS

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1

SITE 54 CRATERS OF THE MOON NM, ID

DEC, 1992

AEROVIRONMENT INC.

*
* FINAL DATA
* AS OF 6/APR/93
*

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG	PEAK
1	3.4	1.7	0.8	2.0	3.3	2.1	1.9	0.3	0.4	0.8	1.9	2.3	3.1	3.1	3.2	2.8	2.8	3.1	2.6	2.4	2.4	3.4	3.4	3.4	1.8	3.4
2	3.3	3.1	1.1	0.5	0.6	1.1	2.1	0.1	0.8	0.5	2.1	2.1	1.9	0.5	0.8	3.2	1.1	0.5	3.4	1.0	2.3	1.4	0.2	2.7	0.5	3.4
3	3.0	2.4	2.5	2.8	2.3	2.0	1.1	1.5	0.2	1.4	1.1	3.4	3.9	4.5	3.9	3.3	2.3	1.0	0.2	0.7	0.1	0.3	0.4	0.3	0.2	4.5
4	1.4	0.4	0.3	4.0	2.6	1.7	3.6	4.8	3.7	3.1	4.7	4.2	3.9	4.3	3.9	4.5	4.0	3.8	4.5	3.2	2.7	5.0	2.3	2.9	3.2	5.0
5	3.3	5.2	5.3	2.6	3.6	4.5	2.0	2.8	0.6	0.4	0.7	2.6	1.4	0.5	1.1	1.8	2.3	2.3	0.4	0.3	1.3	0.5	0.2	0.7	0.9	5.3
6	2.6	0.5	0.3	0.5	0.4	0.3	0.3	0.1	0.4	1.9	2.4	2.6	3.1	2.5	3.9	4.1	4.7	4.5	3.2	4.4	1.7	2.5	3.3	3.3	2.0	4.7
7	4.0	3.0	2.4	1.4	1.6	2.6	2.4	2.7	2.6	1.5	2.3	1.7	2.0	2.7	2.2	3.9	4.0	1.4	1.4	0.9	1.0	0.3	0.2	0.2	1.9	4.0
8	0.9	2.2	3.5	3.7	3.5	3.1	4.8	5.0	4.9	5.7	5.3	8.5	7.9	9.0	10.4	9.4	9.0	8.7	8.1	7.9	7.4	6.1	6.0	5.2	5.9	10.4
9	5.8	5.3	4.2	5.1	5.6	7.9	6.1	7.0	6.3	6.5	6.9	7.5	6.9	7.1	6.4	7.2	7.5	7.4	7.1	6.3	5.7	4.7	3.0	2.8	6.1	7.9
10	2.2	1.1	1.2	0.5	0.8	1.1	1.5	1.0	1.2	0.9	0.2	1.6	2.0	3.3	4.1	3.1	2.4	1.5	1.0	2.7	3.2	4.2	4.8	5.6	1.6	5.6
11	6.3	5.7	6.3	5.5	6.2	4.8	4.9	5.8	4.2	3.8	3.5	3.0	1.5	1.1	1.6	6.1	5.5	4.3	0.9	1.0	0.9	0.5	2.5	3.9	1.1	3.9
12	1.6	2.4	0.5	0.6	0.3	0.5	2.6	0.7	0.4	1.1	0.8	1.5	1.1	1.6	1.1	1.6	1.3	1.9	2.8	2.6	0.5	2.0	3.8	0.9	1.1	3.7
13	3.7	1.6	1.6	0.7	1.5	1.3	1.2	0.9	1.2	2.0	2.8	3.2	1.4	2.8	2.2	2.6	3.3	2.3	1.3	0.4	2.8	1.9	0.6	2.0	1.4	3.7
14	1.2	0.1	0.3	0.3	2.0	2.3	1.1	0.6	0.3	1.1	1.4	2.2	2.1	2.2	2.3	2.7	2.0	2.3	2.3	0.5	1.1	0.4	0.7	0.2	1.1	2.7
15	0.3	0.3	0.6	1.5	2.1	0.8	0.8	1.4	1.6	1.1	0.9	0.9	1.3	1.8	1.7	2.3	2.0	2.1	0.2	0.4	0.3	0.7	1.3	1.5	0.8	2.3
16	0.2	0.3	0.2	0.4	1.4	0.5	0.2	0.3	0.6	0.6	0.8	2.1	2.9	1.7	2.2	0.3	0.1	1.7	2.6	2.0	2.4	2.7	1.6	1.6	0.3	2.9
17	2.1	3.2	3.9	4.2	5.3	5.2	3.1	2.0	2.3	2.0	2.9	2.6	1.8	1.6	0.3	1.0	0.4	0.1	0.2	0.2	0.8	0.2	0.6	0.7	1.8	5.3
18	0.2	0.2	0.6	0.7	0.3	0.2	0.4	0.4	2.2	2.2	2.5	2.8	3.4	3.1	1.9	1.0	2.5	3.1	3.3	2.6	1.8	1.9	1.8	0.4	1.5	3.4
19	0.5	0.9	1.5	0.6	0.1	0.3	0.8	0.7	0.4	0.2	1.2	1.9	2.3	2.1	1.8	1.4	1.6	2.1	2.1	1.7	1.9	1.5	2.1	1.4	0.9	2.3
20	0.4	0.2	0.4	0.4	0.6	0.3	0.2	0.7	1.4	0.2	1.8	1.4	0.8	3.9	4.1	3.7	4.2	4.5	2.4	0.9	1.0	2.2	2.4	1.0	1.1	4.5
21	1.9	3.0	2.4	3.6	1.6	2.1	3.4	2.4	7.0	6.4	7.1	6.4	6.0	7.8	10.8	9.6	4.4	5.4	8.6	6.8	6.0	5.8	5.5	4.6	4.9	10.8
22	9.1	8.8	9.5	8.8	9.2	11.2	10.3	9.0	8.5	7.7	6.4	7.3	8.0	9.0	8.0	9.1	7.8	8.7	8.5	7.0	6.0	6.8	4.7	6.4	8.1	11.2
23	4.6	3.3	3.7	3.2	3.3	2.3	2.3	0.6	0.5	1.4	1.4	1.9	1.7	3.0	4.9	4.0	4.3	5.2	3.4	0.6	0.8	1.7	3.0	2.2	2.0	5.2
24	1.0	2.3	6.0	5.4	2.2	2.2	3.2	0.8	0.9	4.7	0.7	1.1	1.8	2.6	1.1	1.8	1.6	0.8	2.6	1.8	2.2	1.8	1.5	0.3	1.2	6.0
25	0.9	0.4	2.1	0.3	0.3	2.2	0.8	0.3	0.8	1.9	2.4	3.0	2.5	2.0	3.1	3.1	2.8	2.2	2.2	2.2	2.2	0.4	0.4	0.3	1.4	3.1
26	0.2	0.1	0.0	1.1	1.4	1.0	0.3	0.2	0.1	0.4	0.9	1.5	2.0	2.0	0.9	8.7	7.6	7.8	5.9	7.1	8.5	8.7	8.6	8.0	2.8	8.7
27	7.6	7.7	9.6	10.4	10.6	10.4	8.4	8.0	7.1	6.9	6.4	6.0	5.5	5.4	5.3	5.9	6.3	6.4	4.8	3.7	2.8	2.1	1.7	1.6	6.2	10.6
28	0.1	2.1	2.0	3.6	2.2	1.5	2.7	3.1	3.6	2.9	1.9	1.0	1.3	1.6	2.0	1.3	1.3	0.5	0.6	0.7	2.0	2.5	1.4	3.4	1.0	3.6
29	4.6	4.5	3.6	5.1	4.6	6.1	6.2	6.1	5.3	5.6	4.8	4.1	2.7	1.7	1.1	0.2	0.9	1.3	3.1	4.0	3.0	3.0	5.3	5.9	3.7	6.2
30	5.2	4.6	4.3	3.5	3.6	3.5	3.1	3.2	3.1	2.6	1.5	4.7	6.5	6.5	9.1	9.2	8.7	9.2	8.2	7.7	9.3	7.2	5.0	4.1	5.4	9.3
31	3.6	3.4	2.7	1.4	1.0	1.0	0.1	2.6	1.4	2.2	2.7	3.4	3.6	3.8	3.7	4.1	3.5	2.6	3.5	3.4	2.0	1.9	1.7	1.4	1.6	4.1
AV	1.2	1.2	1.4	1.3	0.9	1.0	1.0	0.9	1.1	1.1	0.9	1.4	1.3	1.5	1.7	1.8	1.8	1.8	1.7	1.4	1.3	1.2	1.1	1.0	1.3	
SD	3.4	3.2	3.4	3.5	3.6	3.9	3.5	3.4	3.2	3.2	3.2	3.5	3.5	3.9	4.3	4.6	4.0	4.0	3.8	3.5	3.5	3.4	3.1	3.2		
PK	9.1	8.8	9.6	10.4	10.6	11.2	10.3	9.0	8.5	7.7	7.1	8.5	8.0	9.0	10.8	9.6	9.0	9.2	8.6	7.9	9.3	8.7	8.6	8.0		11.2

Note: Averages are vector averages

DU005 [Program: EDMS_MONTHSUM

Version: LC:12-MAY-92]

RESULTANT DIRECTION [61104]

DEGREES, COMPASS

LEVEL HEIGHT : 10 METERS

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1

SITE 54 CRATERS OF THE MOON NM, ID

OCT, 1992

AEROVIRONMENT INC.

*
* FINAL DATA
* AS OF 6/APR/93
*

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG
1	[BM]	270	238	193	33	62	67	59	57	60	61	89	83	98	145	162	158	215	266	227	254	269	333	297	104
2	297	20	19	8	35	28	31	33	38	75	56	79	128	166	178	174	177	176	190	231	236	248	250	257	207
3	264	253	251	252	244	245	333	217	225	224	225	240	236	238	236	241	241	240	235	229	234	237	241	242	242
4	267	284	18	37	266	298	246	51	175	216	227	222	213	212	215	220	230	232	246	242	246	266	344	338	233
5	295	33	4	20	49	30	20	62	63	41	54	72	95	130	127	163	227	235	253	280	271	290	283	284	7
6	307	287	270	341	256	319	284	274	240	353	345	2	3	11	17	4	348	17	37	67	60	68	5	7	358
7	11	19	37	38	21	7	317	61	78	81	135	207	205	223	215	228	233	235	235	240	240	288	23	331	236
8	266	277	292	279	0	59	30	36	98	90	176	203	312	230	217	205	214	226	251	261	259	261	256	283	244
9	295	277	7	281	287	337	23	13	78	220	206	218	230	215	224	234	238	237	240	234	243	248	273	335	238
10	351	344	300	256	300	0	340	230	101	100	122	206	194	220	217	219	210	222	259	270	274	293	325	12	227
11	4	27	329	284	333	357	270	125	68	101	117	199	208	204	241	242	241	246	249	242	263	298	2	238	242
12	295	333	262	343	268	263	262	262	196	214	186	198	225	245	235	245	248	247	253	255	256	235	234	260	241
13	261	258	245	254	253	250	252	252	249	246	232	225	239	238	238	241	243	245	245	254	249	256	246	247	243
14	281	301	335	280	259	274	251	251	233	226	211	237	230	230	244	237	240	246	249	254	247	253	276	284	236
15	251	254	279	290	328	249	265	294	120	82	123	139	183	203	222	229	225	236	241	247	253	229	239	262	239
16	312	346	54	196	315	353	289	88	79	104	[PA]	[PA]	[PA]	[PA]	[PA]	245	240	233	228	243	237	229	239	262	234
17	279	287	281	266	273	259	290	215	180	118	206	217	235	226	222	230	241	241	195	207	188	274	266	282	234
18	297	282	153	127	15	278	68	169	74	98	89	88	165	208	221	224	229	245	253	232	244	265	262	270	230
19	264	269	284	270	309	278	297	267	46	64	129	183	205	214	223	226	232	245	246	242	253	313	6	336	239
20	284	299	68	24	214	287	109	58	69	79	88	110	184	205	225	213	221	256	271	257	257	256	265	230	224
21	231	235	320	9	35	335	0	270	90	82	152	223	223	227	228	224	227	240	235	255	249	259	247	237	237
22	239	231	238	237	270	259	299	263	227	215	238	211	215	236	242	226	233	241	241	243	277	300	301	351	237
23	339	10	22	19	55	21	47	60	65	70	69	71	73	71	67	76	50	13	7	7	354	2	12	47	42
24	9	15	32	44	353	45	270	74	133	125	102	161	216	221	224	224	226	241	287	297	259	266	260	263	234
25	279	266	33	262	17	241	41	75	55	73	86	116	152	199	221	226	227	238	251	248	240	245	246	249	235
26	239	249	262	260	259	253	264	247	69	182	207	217	209	220	234	234	233	241	247	253	282	290	268	253	235
27	267	272	277	257	45	54	14	346	35	79	94	78	178	210	224	223	227	242	249	248	235	236	271	22	239
28	135	225	66	27	18	44	19	304	73	67	82	95	136	191	189	205	206	207	266	252	249	231	234	252	221
29	260	228	224	232	200	225	242	241	236	233	228	228	228	240	237	240	236	243	245	251	234	231	238	239	237
30	230	243	[RF]	242	233	227	236	222	232	238	224	228	241	237	245	245	231	245	248	248	245	248	239	259	239
31	251	249	255	230	243	232	215	230	230	237	226	246	256	249	237	242	248	258	266	268	249	225	235	243	243
AV	267	265	278	269	281	286	275	263	148	156	190	210	219	222	227	230	232	239	246	247	249	254	255	261	240

Note: Averages are vector averages
DU005 [Program: EDMS_MONTHSUM

Version: LC:12-MAY-92]

RESULTANT DIRECTION [61104]

DEGREES, COMPASS

LEVEL HEIGHT : 10 METERS

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1

SITE 54 CRATERS OF THE MOON NM, ID

NOV, 1992

AEROVIRONMENT INC.

*
* FINAL DATA
* AS OF 6/APR/93
*

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG
1	242	235	216	189	176	198	198	225	236	210	214	237	247	249	251	251	248	251	235	238	255	255	9	241	237
2	236	241	244	245	254	315	329	292	287	32	331	336	335	343	333	331	352	0	356	349	358	355	2	343	315
3	313	261	292	353	19	24	6	18	28	37	35	76	66	47	122	108	[MT]	107	104	74	52	21	7	12	38
4	333	319	27	281	251	276	16	161	74	60	198	223	249	222	224	233	247	238	233	233	230	268	19	278	237
5	254	14	282	277	254	281	280	254	38	50	227	230	235	230	224	227	227	239	258	248	256	261	263	262	244
6	261	261	259	266	255	293	293	266	242	257	237	240	36	32	63	101	43	42	57	63	39	46	12	248	286
7	45	262	270	305	17	40	32	90	62	70	80	171	206	213	224	245	242	233	239	236	236	251	280	249	234
8	240	236	246	306	241	229	232	230	240	191	242	238	225	218	217	219	228	239	234	239	240	247	245	236	233
9	228	235	230	235	245	243	232	236	228	229	240	235	245	238	244	240	238	245	247	269	270	276	269	311	240
10	20	349	264	43	270	262	258	269	247	235	227	218	218	218	218	228	228	229	240	253	273	272	358	5	233
11	18	37	52	44	31	28	25	43	115	67	159	134	160	169	217	32	24	22	8	254	34	21	16	23	38
12	13	291	62	55	50	47	63	43	50	55	62	85	93	94	88	83	59	66	49	20	22	295	291	308	55
13	285	283	267	290	286	276	273	271	253	122	166	217	142	110	73	108	143	27	22	29	33	30	25	33	349
14	32	50	82	41	41	67	78	142	46	51	60	65	75	79	73	66	42	21	24	19	21	60	68	66	52
15	39	24	11	21	236	14	225	104	68	41	70	85	95	89	96	71	26	16	18	30	337	29	351	22	50
16	32	262	349	225	49	25	27	25	51	59	96	104	107	81	181	215	228	333	6	35	135	34	33	14	63
17	270	9	297	315	27	312	350	47	282	249	242	96	211	230	224	227	234	253	250	243	251	250	27	24	245
18	14	9	264	326	246	249	247	240	229	226	230	237	229	223	230	226	236	239	235	257	254	243	3	261	238
19	280	53	305	240	233	221	45	57	90	194	115	182	151	165	159	154	197	186	41	358	256	242	71	30	174
20	48	26	16	3	4	353	4	22	5	10	18	17	17	17	11	4	343	265	325	301	50	23	352	322	8
21	256	255	239	248	260	261	21	237	235	131	120	207	225	229	232	219	186	210	240	269	53	57	77	76	227
22	53	44	32	34	29	13	17	24	31	34	235	230	259	81	86	221	248	266	271	309	336	13	13	14	350
23	17	14	14	20	23	61	21	24	35	31	213	207	191	208	223	237	254	275	265	260	273	273	290	37	266
24	14	41	50	38	37	307	249	78	251	62	63	99	129	150	200	202	224	261	304	353	354	61	43	357	62
25	2	241	26	307	281	39	261	337	153	86	98	131	138	139	114	120	86	350	248	251	282	250	270	253	115
26	121	25	24	17	29	27	35	68	20	74	93	83	74	76	67	64	38	38	38	28	0	69	69	33	55
27	27	34	13	54	78	41	23	33	45	48	61	80	79	89	71	72	56	54	67	90	16	19	321	266	51
28	353	28	256	274	270	285	34	289	299	252	170	79	210	231	236	237	254	257	341	295	267	241	278	19	255
29	248	284	277	286	343	310	274	270	266	76	67	209	233	235	239	245	237	220	217	222	27	37	178	45	247
30	55	48	44	53	50	39	51	63	85	204	217	230	229	207	188	171	202	233	356	240	24	3	261	259	219
AV	292	284	292	297	285	318	310	280	273	64	211	213	222	222	223	225	238	249	264	266	289	297	326	306	255

Note: Averages are vector averages
DU005 [Program: EDMS_MONTHSUM]

Version: LC:12-MAY-92J

RESULTANT DIRECTION [61104]

DEGREES, COMPASS
LEVEL HEIGHT : 10 METERS

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1

SITE 54 CRATERS OF THE MOON NM, ID

DEC, 1992

AEROVIRONMENT INC.

*
* FINAL DATA *
* AS OF 6/APR/93 *
*

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG
1	257	257	328	2	44	16	48	241	17	79	69	71	64	58	51	49	48	37	31	41	47	36	46	47	41
2	31	30	65	79	100	79	66	104	64	128	263	251	244	227	226	38	59	171	218	43	46	63	315	34	41
3	40	42	86	81	74	49	62	88	315	82	203	236	237	228	227	232	246	278	319	347	270	0	12	0	203
4	325	16	48	10	27	33	21	22	33	55	27	41	35	52	28	25	20	22	19	62	60	20	54	55	31
5	51	31	31	57	27	14	56	60	232	239	150	229	218	85	81	209	252	270	282	292	42	81	40	14	30
6	14	328	270	9	266	276	243	153	188	62	66	72	66	57	45	40	27	25	29	22	52	40	35	24	38
7	17	24	48	46	66	54	40	29	36	79	53	81	69	65	66	33	35	98	73	59	61	264	247	39	48
8	11	263	241	240	235	214	203	194	216	225	222	235	234	235	236	243	246	243	234	233	231	236	235	238	233
9	235	238	233	237	236	248	237	242	236	233	232	236	234	239	246	245	249	247	242	241	236	238	246	251	240
10	236	278	335	357	58	44	33	357	25	29	291	249	248	244	249	246	252	268	259	263	244	247	245	242	257
11	234	232	226	235	236	240	233	253	233	235	232	236	233	230	227	230	235	235	232	273	278	275	291	269	237
12	4	5	338	265	284	311	320	17	40	17	253	256	229	235	251	246	313	350	340	348	28	11	3	7	336
13	8	2	12	4	301	251	284	0	274	263	245	240	256	239	239	239	241	242	240	284	244	253	275	258	264
14	242	117	343	256	65	46	59	58	112	66	62	48	52	45	45	32	37	34	37	37	15	336	25	6	43
15	359	312	305	13	12	16	279	283	299	287	264	240	238	330	337	328	269	312	333	341	355	22	32	12	322
16	279	311	0	25	244	255	45	259	246	43	92	227	239	237	236	292	34	30	29	17	30	35	51	42	351
17	36	21	22	25	25	17	39	43	39	48	31	31	47	48	151	79	11	63	41	8	320	351	270	266	29
18	261	219	263	266	307	21	28	277	287	274	272	248	237	233	234	248	240	242	262	246	271	259	251	253	254
19	248	255	250	260	270	261	262	90	56	352	46	49	45	53	52	58	39	37	17	22	27	49	37	46	33
20	287	211	259	235	239	37	8	55	41	146	51	53	207	215	201	175	186	190	211	218	187	224	229	201	198
21	181	166	197	233	165	176	209	229	246	219	227	243	230	232	248	247	241	231	251	237	217	190	204	265	229
22	256	262	292	245	244	246	245	240	231	230	225	235	231	235	234	237	238	236	245	246	243	228	232	236	240
23	240	264	255	254	258	270	255	320	308	255	264	251	249	246	252	243	245	239	261	341	72	98	31	35	256
24	30	233	241	236	33	251	245	57	73	220	262	22	62	255	7	356	341	9	287	283	260	268	254	251	264
25	35	297	248	294	11	55	44	24	33	48	30	32	8	47	39	27	33	30	31	30	27	356	278	325	28
26	251	90	90	284	245	22	346	320	307	35	59	44	37	51	227	251	251	249	240	245	247	249	247	238	250
27	241	243	241	247	248	251	243	239	234	238	234	231	232	234	233	236	247	233	235	248	257	248	260	274	241
28	338	17	10	31	38	45	25	27	14	22	45	57	56	55	31	26	49	9	34	256	220	218	193	199	30
29	223	227	225	226	224	220	217	227	229	230	233	237	230	217	356	27	49	275	247	234	231	232	237	242	230
30	233	242	236	239	247	263	256	242	222	236	244	235	224	221	239	237	253	256	254	253	251	238	226	216	241
31	218	232	239	261	285	46	326	21	19	21	44	19	20	26	28	30	29	57	32	30	42	39	25	50	23
AV	263	267	253	259	265	269	253	257	251	236	243	245	239	237	248	255	261	256	264	266	252	248	256	262	254

Note: Averages are vector averages
QU005 [Program: EDMS_MONTHSUM

Version:

LC:12-MAY-92J

TEMPERATURE [621013]

DEGREES CENTIGRADE

LEVEL HEIGHT : 10 METERS

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1

SITE 54 CRATERS OF THE MOON NM, ID

OCT, 1992

AEROVIRONMENT INC.

*
* FINAL DATA
* AS OF 6/APR/93
*

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG	PEAK	
1	[BM]	14.6	14.1	14.8	13.0	12.4	12.6	13.6	14.5	17.8	20.7	22.3	23.7	25.3	26.5	26.5	26.1	24.6	21.7	21.2	20.7	18.8	15.3	14.7	18.9	26.5	
2	14.5	16.9	18.3	15.8	12.8	13.3	12.8	14.4	16.8	18.0	19.0	20.8	23.7	24.5	23.5	23.0	22.5	22.1	21.2	17.2	14.8	14.0	13.7	12.0	17.7	24.5	
3	11.4	11.5	10.8	10.1	10.2	9.7	9.1	8.5	7.4	6.7	6.1	5.6	5.4	5.4	6.0	6.1	6.1	5.8	5.2	4.6	4.4	4.9	5.0	4.8	7.1	11.5	
4	4.4	4.3	4.4	4.3	4.3	4.3	4.4	4.6	5.2	5.7	6.4	7.6	9.4	10.1	11.4	11.7	12.1	11.3	9.7	8.8	7.9	6.9	5.8	5.9	7.1	12.1	
5	4.7	4.6	4.6	5.6	4.9	4.5	4.8	5.0	5.7	6.5	8.2	9.7	11.6	12.6	13.5	13.1	12.5	10.8	9.2	8.4	8.2	6.8	6.1	8.1	13.5		
6	6.1	5.5	6.1	5.5	5.7	4.9	3.3	4.9	6.0	5.6	6.5	8.7	9.8	10.3	11.0	10.9	10.4	8.9	7.3	5.6	3.7	2.4	1.9	1.4	6.3	11.0	
7	0.4	0.5	0.1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[MT]	9.4	9.6	10.4	10.0	8.7	8.0	7.1	6.8	6.4	5.4	5.1	6.3	10.4	
8	5.0	4.8	4.9	3.7	3.4	2.8	1.8	2.4	3.2	6.0	7.6	8.7	9.8	11.0	11.8	12.4	12.7	12.1	11.0	10.2	9.8	9.4	9.0	8.8	7.6	12.7	
9	7.9	7.1	5.8	4.4	4.5	3.8	2.9	6.3	7.9	8.9	10.7	11.8	13.2	13.5	14.0	14.2	14.1	12.6	10.7	10.2	10.2	8.5	6.7	6.6	9.0	14.2	
10	5.9	4.9	5.4	4.6	3.5	3.6	3.3	4.6	8.2	9.9	11.9	13.7	14.9	15.5	15.5	15.3	14.8	14.2	12.4	11.1	10.4	9.0	7.8	8.1	9.5	15.5	
11	6.8	5.7	5.4	5.3	5.0	4.6	4.1	4.5	8.1	10.8	13.1	15.7	17.3	18.6	19.7	19.9	19.7	18.4	16.5	16.0	15.2	14.0	11.2	8.8	11.8	19.9	
12	8.5	8.2	7.1	8.6	7.7	11.8	11.5	12.7	12.5	14.5	16.2	18.2	20.7	21.4	22.3	22.4	21.3	19.8	17.8	16.8	16.2	14.3	12.0	12.4	14.8	22.4	
13	13.3	14.1	13.8	13.0	13.0	11.9	11.7	11.6	13.3	14.9	14.8	16.0	17.3	17.3	17.1	16.3	15.1	13.1	11.4	10.4	9.7	7.9	7.8	5.2	12.9	17.3	
14	5.0	4.2	3.4	3.0	2.1	2.1	0.8	1.4	3.0	4.3	6.3	8.3	9.7	10.4	10.6	10.3	9.5	7.7	5.9	4.4	4.7	4.0	3.2	3.1	5.3	10.6	
15	2.1	1.9	1.2	0.1	-1.7	-3.0	-3.7	-2.0	0.9	2.5	4.0	5.2	6.0	6.3	7.3	7.2	7.2	5.7	4.7	4.7	4.8	3.1	2.2	2.1	2.9	7.3	
16	1.7	1.3	1.0	0.4	-0.6	-0.2	-0.5	0.3	1.8	3.0	6.0	9.2	[PA]	[PA]	[PA]	12.8	12.1	10.9	9.7	8.8	8.8	8.1	7.4	7.5	5.2	12.8	
17	6.9	5.6	5.6	5.0	4.8	4.1	3.9	4.0	7.7	10.2	11.3	12.0	13.0	13.9	14.1	13.9	13.2	11.8	10.7	10.0	9.3	8.0	6.1	6.3	8.8	14.1	
18	5.2	4.7	3.2	3.1	2.6	2.2	3.0	3.4	5.0	7.8	9.8	11.1	14.0	15.1	15.4	15.3	14.9	13.6	11.2	11.5	12.3	10.6	9.8	9.5	8.9	15.4	
19	8.3	8.8	8.1	6.4	6.5	6.2	6.0	5.6	8.9	10.7	13.4	15.6	16.2	16.7	17.3	17.2	16.9	15.1	13.9	13.2	12.9	11.1	10.4	9.0	11.4	17.3	
20	8.4	8.0	6.0	5.9	4.0	5.3	5.3	5.3	7.7	10.4	12.0	14.7	17.5	18.8	19.6	20.2	20.0	17.5	15.6	15.3	13.4	12.6	11.5	9.0	11.8	20.2	
21	8.4	8.0	8.5	8.6	7.2	7.1	6.6	6.6	10.2	11.6	14.3	17.1	17.9	18.2	18.9	18.4	17.1	15.0	12.5	11.8	11.5	10.8	9.8	9.4	11.9	18.9	
22	8.8	7.9	7.6	7.0	5.6	4.8	5.1	5.4	7.7	10.4	12.1	12.7	13.4	14.0	14.4	14.4	13.4	11.7	10.5	9.8	8.6	7.3	5.9	4.7	9.3	14.4	
23	4.6	5.2	4.8	4.3	3.8	3.1	3.1	3.5	3.8	7.5	10.6	11.7	12.6	13.7	14.2	14.6	14.1	12.2	11.2	11.1	11.6	12.0	11.3	8.5	8.9	14.6	
24	9.8	11.5	8.6	7.5	8.0	7.7	6.6	6.9	9.7	12.1	13.2	15.3	17.3	18.7	19.1	18.4	17.4	15.7	14.2	13.6	13.3	12.0	11.3	11.2	12.5	19.1	
25	9.6	9.7	8.7	8.5	8.6	7.1	7.5	6.9	9.7	12.1	13.2	15.3	17.3	18.7	19.1	18.4	17.4	15.7	14.2	13.6	13.3	12.0	11.3	11.2	12.5	19.1	
26	11.7	10.3	8.7	7.6	7.5	6.7	5.1	4.2	6.8	10.1	13.0	14.1	15.0	15.2	16.2	16.4	15.9	14.3	13.1	10.8	9.4	8.9	8.5	7.1	10.7	16.4	
27	8.1	8.4	8.7	9.3	7.9	5.4	5.0	4.8	6.8	8.8	10.3	12.2	14.5	15.3	15.5	15.5	15.1	12.9	11.3	10.1	9.4	8.6	7.5	7.0	9.9	15.5	
28	5.1	4.8	5.6	5.1	5.3	5.3	4.5	3.9	4.1	6.2	8.1	10.0	12.0	13.6	13.5	13.4	12.7	10.7	7.5	7.2	7.3	6.9	6.5	5.9	7.7	13.6	
29	6.0	5.7	5.6	5.3	5.5	5.0	4.1	4.9	5.2	5.0	5.1	5.2	5.0	4.8	4.3	4.5	4.3	4.1	3.6	3.2	2.4	2.9	3.3	4.2	4.6	6.0	
30	3.6	3.3	[RF]	2.8	2.6	2.3	2.0	2.4	2.8	3.1	4.0	4.4	4.8	4.4	5.1	4.9	4.8	4.0	3.0	2.7	2.0	1.7	1.4	1.2	3.2	5.1	
31	-0.2	-0.3	0.3	0.5	0.3	0.9	-0.1	-1.1	-0.4	1.2	2.7	4.1	5.2	5.8	6.3	5.8	4.7	3.4	2.6	2.5	2.9	3.0	2.2	2.2	2.2	2.3	6.3
AV	6.7	6.8	6.5	6.2	5.6	5.3	4.9	5.3	7.0	8.7	10.4	11.9	13.4	14.0	14.4	14.4	13.9	12.5	11.0	10.1	9.5	8.7	7.7	7.0	9.2		
SD	3.5	4.1	4.0	3.8	3.6	3.7	3.8	3.8	3.9	4.3	4.4	4.8	5.3	5.5	5.5	5.4	5.3	5.1	4.8	4.5	4.4	4.0	3.6	3.3			
PK	14.5	16.9	18.3	15.8	13.0	13.3	12.8	14.4	16.8	18.0	20.7	22.3	23.7	25.3	26.5	26.5	26.1	24.6	21.7	21.2	20.7	18.8	15.3	14.7		26.5	

DU000 [Program: EDMS_MONTHSUM

Version: LC:12-MAY-92J

TEMPERATURE [62101]

DEGREES CENTIGRADE

LEVEL HEIGHT : 10 METERS

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1

SITE 54 CRATERS OF THE MOON NM, ID

NOV, 1992

AEROVIRONMENT INC.

*
* FINAL DATA
* AS OF 6/APR/93
*

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG	PEAK
1	1.7	1.5	1.4	1.2	1.3	1.6	1.8	2.0	2.6	2.8	3.4	3.8	4.0	4.2	4.9	4.9	5.0	4.2	3.3	3.3	3.9	4.1	3.9	3.4	3.1	5.0
2	3.1	2.1	1.9	2.0	2.7	2.6	0.5	0.6	1.6	2.6	2.2	3.7	4.3	4.8	4.7	4.0	2.5	1.6	1.3	1.2	0.8	-0.2	0.2	0.5	2.1	4.8
3	0.3	-1.3	-1.6	-1.5	-2.8	-3.4	-3.7	-3.6	-2.6	-0.4	1.1	1.2	1.8	2.1	2.8	2.6	[MTJ]	0.9	-0.5	-1.6	-3.0	-4.2	-4.6	-4.9	-1.2	2.8
4	-4.9	-5.0	-4.9	-5.0	-5.4	-5.4	-5.1	-4.3	-3.5	-2.0	-1.3	-1.7	-2.3	-2.5	-2.4	-2.2	-2.2	-2.2	-2.5	-2.6	-2.7	-2.8	-3.7	-4.0	-2.3	-1.3
5	-3.5	-3.6	-3.7	-3.6	-3.7	-3.4	-3.2	-3.1	-0.9	1.6	0.3	0.6	-0.8	-0.9	-1.0	-1.2	-1.8	-2.7	-3.0	-2.8	-3.3	-3.6	-3.7	-4.0	-2.3	1.6
6	-3.7	-3.8	-4.1	-5.8	-6.1	-5.8	-5.5	-4.9	-4.4	-3.4	-2.6	-2.0	-1.9	-2.0	-1.7	-1.2	-1.2	-1.7	-1.7	-1.9	-2.2	-2.3	-2.8	-3.2	-3.2	-1.2
7	-2.6	-2.6	-2.1	-2.2	-1.9	-1.8	-2.6	-2.8	-1.9	-0.6	0.9	3.5	5.6	6.6	6.3	2.7	2.2	1.5	1.2	0.3	-0.6	-0.8	-0.7	-0.8	0.3	6.6
8	-1.5	-0.6	-1.4	-1.8	-2.2	-2.6	-3.2	-3.2	-2.7	-2.6	-2.0	-2.2	-2.1	-2.0	-1.9	-1.7	-1.7	-1.6	-2.3	-4.6	-4.8	-5.4	-2.0	-2.6	-2.1	-0.6
9	-3.1	-3.5	-3.6	-3.0	-2.7	-3.1	-4.2	-4.5	-4.0	-3.9	-2.6	-1.7	-1.1	-0.5	-1.1	-1.5	-2.5	-3.4	-3.8	-4.6	-4.8	-5.4	-6.5	-6.7	-3.4	-0.5
10	-7.2	-7.1	-6.9	-7.0	-7.3	-8.2	-9.0	-8.4	-7.7	-7.2	-6.6	-4.8	-4.0	-3.5	-3.4	-3.2	-3.2	-4.7	-5.6	-6.0	-5.9	-7.1	-8.4	-9.0	-6.3	-3.2
11	-8.6	-8.2	-8.0	-7.9	-8.1	-8.2	-8.3	-8.4	-8.2	-8.0	-7.0	-6.5	-6.1	-5.9	-5.5	-5.4	-5.2	-5.6	-6.1	-6.3	-6.5	-6.6	-7.0	-7.2	-7.0	-5.2
12	-7.4	-7.4	-7.2	-6.9	-6.7	-6.7	-6.7	-6.7	-6.4	-5.5	-4.2	-3.2	-2.5	-1.8	-1.3	-0.9	-1.0	-2.0	-3.5	-4.7	-5.2	-5.6	-6.1	-6.4	-4.8	-0.9
13	-5.8	-5.5	-5.7	-4.3	-3.9	-4.0	-4.2	-4.4	-5.0	-4.0	-2.6	-2.2	-1.4	-1.2	-1.1	-0.4	-0.5	-1.2	-2.4	-3.5	-4.7	-5.4	-6.1	-6.4	-4.8	-0.4
14	-4.7	-4.9	-4.9	-5.0	-5.3	-5.7	-6.8	-7.2	-3.4	-1.6	-0.7	1.3	3.1	4.5	5.4	5.6	4.6	2.8	1.8	0.9	0.5	-0.2	-0.1	0.1	-0.8	5.6
15	0.0	0.5	0.1	-0.6	-0.6	-0.8	-1.9	-1.6	0.5	2.3	3.2	4.1	5.2	6.1	6.9	7.4	6.6	4.4	3.3	2.3	2.0	1.2	0.6	0.3	2.1	7.4
16	0.3	0.0	0.7	-0.1	-0.4	-0.7	-0.4	0.4	1.4	3.4	4.3	5.3	7.1	8.2	8.8	8.5	7.3	4.8	3.6	2.0	1.4	1.4	1.6	0.5	2.9	8.8
17	0.0	0.2	-0.1	-0.4	-0.5	-0.3	0.0	-0.2	0.4	0.7	1.4	2.1	3.3	5.7	6.2	3.8	2.9	1.5	0.1	-1.3	-2.2	-2.8	-0.3	-0.1	0.8	6.2
18	0.0	0.1	-0.2	-0.2	-1.1	-1.4	-1.1	-1.5	-1.3	-0.9	-0.9	-0.4	0.1	0.1	0.1	0.1	-1.2	-1.4	-1.4	-1.3	-1.3	-1.7	-1.8	-0.9	0.1	0.6
19	-2.0	-2.3	-2.6	-2.4	-2.4	-2.4	-2.8	-3.0	-2.5	-1.8	-1.5	-1.0	-0.2	-0.1	0.3	0.6	0.1	-1.4	-1.8	-1.9	-2.0	-2.3	-2.3	-2.3	-1.7	0.6
20	-2.6	-3.4	-2.9	-2.2	-2.0	-2.0	-2.2	-2.9	-2.1	-1.6	-1.4	-1.0	-0.5	-0.4	-0.3	-0.7	-1.5	-3.9	-4.8	-5.1	-6.8	-6.6	-5.0	-6.6	-2.9	-0.3
21	-8.7	-8.4	-10.5	-10.9	-8.6	-8.0	-9.6	-11.1	-11.6	-7.8	-6.9	-6.2	-6.1	-4.9	-4.6	-4.2	-4.4	-5.0	-5.1	-5.2	-5.4	-6.2	-6.2	-6.1	-7.2	-4.2
22	-6.3	-6.3	-6.3	-6.2	-6.3	-6.0	-5.7	-5.4	-4.9	-4.3	-3.7	-3.4	-2.5	-2.2	-2.2	-2.9	-3.3	-3.9	-5.1	-6.8	-6.1	-5.1	-5.1	-6.7	-4.9	-2.2
23	-5.0	-4.4	-3.8	-5.0	-5.2	-5.6	-6.2	-6.3	-6.5	-5.4	-4.8	-3.5	-3.5	-3.9	-4.2	-5.8	-7.4	-8.1	-9.0	-8.3	-8.2	-8.0	-8.9	-11.0	-6.2	-3.5
24	-11.0	-11.9	-11.7	-10.4	-10.7	-11.1	-10.7	-11.0	-11.6	-11.0	-10.3	-9.1	-7.9	-7.1	-7.4	-8.0	-9.1	-10.8	-12.1	-12.9	-11.0	-11.9	-12.5	-12.5	-10.6	-7.1
25	-12.5	-13.3	-13.6	-14.4	-14.9	-14.1	-13.9	-14.8	-13.7	-11.6	-10.5	-9.1	-8.0	-7.3	-7.5	-8.2	-9.3	-11.3	-12.9	-13.9	-14.2	-14.3	-14.1	-13.7	-12.1	-7.3
26	-14.3	-13.8	-13.5	-13.8	-14.3	-13.8	-14.1	-15.3	-14.2	-11.6	-10.2	-9.0	-8.4	-8.1	-7.9	-7.9	-9.3	-10.8	-11.4	-11.9	-12.4	-12.2	-11.4	-11.7	-7.9	-7.9
27	-11.1	-11.2	-12.0	-11.9	-12.9	-13.5	-11.2	-10.6	-10.3	-8.9	-8.7	-7.4	-7.3	-7.3	-7.6	-7.3	-7.2	-7.3	-7.8	-7.9	-9.9	-9.8	-10.0	-10.7	-9.6	-7.2
28	-11.7	-12.2	-12.6	-12.1	-12.8	-12.3	-12.1	-10.5	-10.7	-9.7	-8.5	-7.9	-6.7	-6.2	-6.4	-7.0	-7.8	-8.6	-9.3	-9.7	-9.0	-12.4	-10.2	-9.3	-9.8	-6.2
29	-10.7	-9.0	-10.3	-10.5	-10.3	-10.1	-8.9	-8.3	-7.6	-7.9	-6.5	-6.2	-8.0	-8.0	-8.4	-8.4	-8.6	-8.6	-8.9	-9.0	-9.2	-9.2	-9.2	-9.3	-8.8	-6.2
30	-10.4	-10.2	-10.2	-10.5	-10.6	-10.6	-10.6	-10.8	-10.3	-8.7	-7.2	-6.8	-6.1	-5.8	-6.1	-6.2	-5.8	-5.3	-6.8	-5.4	-6.4	-6.4	-6.2	-6.2	-8.0	-5.3
AV	-5.1	-5.2	-5.3	-5.4	-5.5	-5.6	-5.7	-5.8	-5.1	-4.0	-3.2	-2.3	-1.7	-1.3	-1.2	-1.5	-2.2	-3.0	-3.8	-4.2	-4.5	-5.0	-4.9	-5.2	-4.0	
SD	4.7	4.6	4.7	4.7	4.7	4.6	4.3	4.5	4.7	4.5	4.3	4.3	4.6	4.8	5.0	4.8	4.8	4.6	4.6	4.5	4.4	4.5	4.4	4.4		
PK	3.1	2.1	1.9	2.0	2.7	2.6	1.8	2.0	2.6	3.4	4.3	5.3	7.1	8.2	8.8	8.5	7.3	4.8	3.6	3.3	3.9	4.1	3.9	3.4		8.8

TEMPERATURE [62101]

DEGREES CENTIGRADE

LEVEL HEIGHT : 10 METERS

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1

SITE 54 CRATERS OF THE MOON NM, ID

DEC, 1992

AEROVIRONMENT INC.

*
* FINAL DATA
* AS OF 6/APR/93
*

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG	PEAK
1	-6.4	-7.1	-7.9	-5.6	-7.3	-8.9	-8.6	-8.5	-8.7	-6.9	-6.1	-6.9	-6.8	-6.6	-5.8	-6.0	-7.5	-8.5	-8.4	-8.1	-7.6	-7.4	-7.4	-7.6	-7.4	-5.6
2	-7.6	-7.0	-7.0	-6.9	-6.8	-7.0	-7.2	-7.1	-6.9	-6.4	-4.4	-2.6	-1.8	-1.2	-1.1	-3.6	-3.2	-3.2	-2.9	-3.4	-3.9	-3.8	-3.8	-3.9	-4.7	-1.1
3	-5.0	-5.7	-6.4	-7.3	-8.0	-8.4	-8.7	-9.2	-9.3	-8.7	-8.7	-8.7	-8.9	-8.5	-8.7	-9.5	-10.3	-12.8	-13.9	-14.6	-14.4	-14.2	-14.9	-15.3	-10.0	-5.0
4	-14.7	-16.4	-16.3	-14.7	-14.5	-17.1	-16.4	-17.6	-16.2	-17.2	-15.7	-15.5	-14.2	-12.4	-12.2	-11.6	-14.3	-14.6	-15.9	-15.8	-12.3	-14.2	-15.2	-14.9	-11.6	
5	-17.5	-17.4	-16.0	-15.1	-13.4	-9.6	-9.3	-12.8	-11.8	-9.0	-7.9	-7.8	-7.0	-6.8	-7.6	-9.5	-10.3	-11.9	-12.6	-13.7	-12.6	-13.5	-14.3	-14.2	-11.7	-6.8
6	-14.0	-15.5	-16.7	-16.3	-15.7	-16.5	-16.9	-17.1	-16.7	-13.7	-13.3	-12.0	-11.6	-11.1	-10.9	-11.2	-12.5	-12.5	-12.6	-11.4	-13.8	-14.8	-14.0	-13.4	-13.9	-10.9
7	-11.5	-10.4	-12.5	-12.9	-13.3	-11.7	-11.5	-9.1	-8.4	-9.4	-7.8	-8.0	-7.7	-8.3	-8.1	-6.4	-5.7	-7.3	-7.1	-7.1	-6.7	-6.3	-5.8	-5.4	-8.7	-5.4
8	-5.1	-3.7	-3.1	-3.1	-3.1	-3.1	-3.4	-3.9	-4.7	-4.5	-3.8	-2.1	-1.9	-1.8	-2.0	-2.5	-2.9	-2.8	-3.0	-3.1	-3.3	-3.2	-3.0	-3.0	-3.2	-1.8
9	-2.8	-3.0	-3.1	-3.1	-3.0	-1.3	-1.7	-1.4	-2.6	-2.5	-2.9	-2.7	-3.4	-3.3	-3.8	-3.8	-3.9	-4.2	-4.4	-5.3	-5.9	-6.3	-6.7	-6.2	-3.6	-1.3
10	-5.8	-5.6	-5.3	-5.4	-5.8	-5.9	-5.7	-5.5	-5.0	-4.5	-4.2	-3.7	-1.5	-0.1	0.5	0.0	-0.5	0.3	-1.8	-0.4	-0.5	0.1	-0.2	-0.2	-0.5	0.5
11	-1.0	-1.9	-1.9	-2.8	-2.5	-2.8	-2.8	-1.7	-2.1	-2.5	-2.5	-2.0	-1.8	-1.7	-1.9	-2.2	-2.4	-3.0	-4.0	-4.6	-6.6	-7.2	-7.2	-7.9	-3.2	-1.0
12	-7.3	-5.4	-7.3	-8.7	-7.9	-8.2	-6.1	-8.1	-9.0	-7.8	-7.3	-6.2	-5.4	-5.4	-5.1	-6.0	-4.6	-4.1	-3.6	-4.0	-8.4	-6.8	-7.4	-6.2	-6.5	-3.6
13	-7.2	-7.7	-7.8	-9.1	-9.8	-14.6	-12.9	-11.2	-12.1	-8.7	-10.1	-11.9	-10.2	-11.2	-11.5	-12.0	-13.7	-14.8	-15.3	-12.5	-15.1	-13.1	-11.2	-10.7	-11.4	-7.2
14	-15.0	-15.7	-16.8	-17.2	-15.7	-16.3	-15.5	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	-16.0
15	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]
16	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]
17	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]
18	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]
19	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]
20	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]
21	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]	[CMT]
22	-6.3	-6.7	-5.9	-6.0	-6.0	-6.0	-6.6	-7.0	-7.7	-7.2	-6.8	-5.3	-5.3	-5.3	-4.9	-5.3	-5.0	-4.7	-4.2	-4.0	-3.7	-5.3	-4.5	-3.8	-5.6	-3.7
23	-4.5	-5.0	-5.2	-5.9	-6.4	-7.1	-7.5	-7.2	-6.1	-4.8	-2.3	-2.3	-1.6	-2.6	-6.5	-7.5	-5.2	-7.0	-7.2	-6.9	-7.8	-8.5	-8.6	-8.2	-5.9	-1.6
24	-6.6	-5.6	-4.8	-4.5	-7.5	-6.1	-5.6	-9.3	-8.6	-4.9	-5.0	-6.0	-7.5	-6.2	-5.4	-3.8	-3.8	-4.7	-6.8	-5.9	-6.4	-7.1	-9.6	-11.3	-6.4	-3.8
25	-9.1	-10.1	-13.6	-15.0	-16.0	-15.9	-15.1	-16.0	-15.5	-15.3	-12.7	-11.9	-11.1	-10.4	-10.6	-10.9	-10.9	-10.1	-10.5	-11.0	-11.3	-12.6	-14.4	-15.2	-12.7	-9.1
26	-15.9	-15.5	-15.6	-11.9	-10.8	-11.7	-12.9	-11.7	-11.9	-11.4	-11.1	-10.8	-10.4	-10.8	-9.4	-3.6	-3.6	-3.8	-4.1	-2.5	-2.2	-2.4	-3.2	-3.2	-8.8	-2.2
27	-3.2	-2.6	-2.6	-2.6	-2.5	-2.5	-2.5	-2.6	-3.8	-3.5	-3.1	-3.3	-3.1	-2.9	-3.1	-2.5	-1.6	-1.0	-3.3	-5.3	-4.7	-5.4	-5.8	-5.0	-3.3	-1.0
28	-7.0	-5.7	-5.4	-6.4	-6.9	-7.1	-5.3	-4.8	-3.5	-3.1	-3.6	-3.0	-1.6	-1.9	-1.9	-1.7	-2.0	-2.3	-2.5	-2.6	-1.7	-1.2	-1.5	-0.9	-3.5	-0.5
29	-1.2	-1.6	-1.8	-1.7	-2.4	-2.5	-2.4	-2.3	-2.4	-2.5	-2.6	-2.6	-2.7	-3.0	-2.9	-3.1	-4.0	-4.3	-4.7	-4.4	-4.3	-4.1	-4.2	-4.1	-4.2	-3.0
30	-4.9	-5.2	-7.4	-8.1	-7.8	-6.5	-6.3	-6.1	-6.6	-6.8	-6.6	-6.2	-6.6	-6.5	-6.0	-6.9	-7.6	-7.9	-8.1	-8.6	-8.4	-8.2	-10.2	-10.1	-7.2	-4.9
31	-10.4	-10.8	-10.9	-11.3	-11.3	-13.7	-14.2	-11.9	-11.0	-11.1	-11.6	-10.7	-10.3	-10.2	-10.1	-10.0	-9.7	-10.5	-10.6	-10.5	-10.1	-9.7	-9.0	-8.6	-10.8	-8.6
AV	-7.9	-8.0	-8.4	-8.4	-8.5	-8.8	-8.5	-8.4	-8.3	-7.5	-7.0	-6.6	-6.2	-6.0	-6.0	-6.0	-6.1	-6.6	-7.1	-7.1	-7.5	-7.5	-7.8	-7.8	-7.6	
SD	4.7	4.9	5.1	4.8	4.4	4.9	4.8	4.7	4.4	4.1	3.9	4.0	3.8	3.7	3.6	3.6	3.8	4.4	4.2	4.2	4.4	4.2	4.3	4.6		
PK	-1.0	-1.6	-1.8	-1.7	-2.4	-1.3	-1.7	-1.4	-2.1	-2.5	-2.3	-2.0	-1.5	-0.1	0.5	0.0	-0.5	0.3	-1.8	-0.4	-0.5	0.1	-0.2	-0.5		0.5

DU000 [Program: EDMS_MONTHSUM

Version: LC:12-MAY-92]

DEWPOINT [62103]

DEGREES CENTIGRADE

LEVEL HEIGHT : 10 METERS

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1

SITE 54 CRATERS OF THE MOON NM, ID

OCT, 1992

AEROVIRONMENT INC.

*
* FINAL DATA
* AS OF 6/APR/93
*

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG	PEAK
1	CBM	-5.2	-5.2	-5.1	-5.2	-5.3	-5.2	-4.7	-4.7	-4.0	-3.9	-4.3	-4.4	-3.9	-3.8	-4.6	-5.5	-6.1	-6.2	-7.0	-8.2	-8.0	-8.0	-8.0	-5.5	-3.8
2		-7.9	-6.8	-5.8	-6.0	-7.4	-6.8	-6.2	-5.6	-5.3	-5.4	-4.0	-4.0	-6.0	-6.7	-6.3	-6.1	-6.5	-7.0	-1.0	0.9	0.8	0.8	0.8	1.4	-4.7
3		1.1	0.7	1.2	1.3	1.4	1.7	2.6	3.7	4.6	3.6	2.6	2.5	2.5	1.7	2.0	1.5	1.6	1.0	0.5	0.4	0.5	0.8	1.1	1.9	4.9
4		1.5	2.0	2.1	2.5	2.4	2.1	2.3	2.9	3.1	3.5	4.2	5.1	5.5	5.1	5.3	4.9	4.4	3.7	3.1	2.7	2.4	2.1	2.2	3.2	5.5
5		1.5	1.4	1.6	2.0	1.7	2.0	2.0	2.7	3.3	3.2	2.6	2.6	2.3	2.0	2.0	1.8	1.9	1.7	1.4	1.2	0.9	0.3	0.0	1.8	3.3
6		-0.1	-0.1	-0.3	-0.3	0.2	-0.2	-0.7	0.0	0.8	-2.4	-4.7	-5.2	-7.7	-8.3	-9.7	-10.6	-12.6	-13.6	-12.6	-9.4	-6.9	-7.5	-8.0	-8.3	0.8
7		-8.6	-9.0	-8.8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]
8		-8.4	-10.1	-11.1	-10.2	-9.1	-8.2	-7.5	-7.4	-7.7	-8.2	-8.6	-8.8	-8.7	-9.1	-9.1	-8.9	-9.6	-9.6	-9.4	-9.4	-9.6	-8.8	-8.2	-7.8	-8.9
9		-6.8	-7.4	-6.7	-6.4	-6.7	-6.9	-6.9	-5.9	-5.3	-5.3	-5.3	-5.4	-5.2	-5.1	-4.4	-4.1	-4.1	-4.1	-4.2	-4.3	-4.0	-3.9	-5.0	-6.3	-8.1
10		-5.0	-5.1	-5.4	-5.4	-5.5	-5.5	-5.4	-4.8	-3.9	-3.8	-3.5	-3.4	-3.2	-3.1	-3.0	-3.1	-3.0	-3.1	-3.1	-3.0	-3.2	-3.4	-3.9	-4.7	-5.4
11		-3.5	-3.6	-3.5	-3.5	-3.4	-3.5	-3.0	-1.9	-1.5	-1.6	-1.4	-1.1	-0.9	-0.6	-0.3	-0.7	-0.7	-0.8	-1.9	-3.0	-3.6	-2.4	-2.5	-2.2	-0.3
12		-2.5	-2.4	-3.6	-3.1	-4.2	-6.6	-6.7	-6.6	-4.1	-3.6	-2.6	-2.1	-2.0	-2.7	-3.3	-6.7	-8.0	-8.9	-9.9	-9.7	-10.2	-10.0	-9.5	-9.6	-5.8
13		-9.5	-8.7	-8.3	-8.2	-8.2	-8.7	-9.2	-9.4	-9.2	-7.0	-4.5	-2.7	-3.0	-4.3	-3.7	-3.1	-3.4	-3.5	-4.2	-5.0	-5.8	-6.3	-6.8	-7.5	-6.3
14		-7.3	-7.6	-7.4	-8.6	-12.5	-12.7	-12.0	-10.2	-9.6	-8.8	-9.3	-9.4	-8.6	-8.9	-11.2	-12.0	-13.7	-15.2	-15.9	-15.8	-16.4	-17.7	-18.5	-11.9	-7.3
15		-18.3	-17.9	-17.8	-18.4	-19.4	-19.5	-19.4	-17.9	-16.9	-16.2	-15.5	-14.5	-13.8	-13.9	-13.8	-12.9	-11.8	-12.5	-12.4	-13.0	-14.2	-14.9	-15.0	-15.6	-11.8
16		-15.1	-14.4	-14.2	-13.9	-14.1	-14.2	-14.2	-13.8	-13.5	-13.5	-13.9	-15.3	[PA]	[PA]	[PA]	-13.9	-13.6	-13.3	-13.9	-15.1	-15.2	-14.1	-13.2	-11.0	-14.0
17		-10.2	-10.7	-9.8	-9.1	-7.6	-7.7	-7.3	-6.7	-5.9	-4.8	-4.6	-4.0	-4.2	-3.7	-3.9	-4.1	-4.7	-5.0	-4.7	-5.0	-5.6	-6.2	-6.6	-5.4	-6.1
18		-6.1	-6.8	-7.3	-7.4	-7.2	-7.3	-6.5	-6.1	-5.6	-4.7	-4.8	-4.9	-5.0	-5.5	-6.1	-6.2	-6.0	-6.2	-6.6	-6.2	-6.1	-6.5	-6.5	-6.3	-6.2
19		-6.3	-5.8	-6.0	-6.7	-6.9	-6.8	-6.9	-6.8	-5.8	-5.3	-5.4	-5.4	-5.0	-4.9	-3.9	-3.1	-3.2	-3.7	-4.0	-3.8	-3.7	-4.1	-4.2	-4.5	-5.1
20		-4.6	-5.1	-5.7	-5.2	-5.9	-5.4	-5.4	-5.3	-4.5	-4.1	-3.9	-4.0	-4.8	-5.7	-6.1	-6.0	-5.9	-6.3	-6.5	-5.5	-5.2	-5.2	-5.6	-6.1	-5.3
21		-6.2	-6.1	-6.0	-6.0	-6.1	-5.9	-5.9	-5.7	-5.0	-4.4	-4.4	-4.3	-4.7	-5.0	-4.6	-4.5	-4.5	-4.3	-2.7	-1.0	0.6	0.2	0.0	0.3	-4.1
22		0.5	1.3	1.5	1.5	1.6	1.2	2.1	2.9	-2.2	-2.0	-3.2	-1.6	-1.9	-3.0	-3.6	-3.2	-2.6	-3.1	-3.1	-3.1	-3.5	-4.5	-5.0	-5.2	0.3
23		-5.0	-4.5	-4.9	-5.1	-5.2	-5.4	-5.7	-5.5	-5.9	-5.4	-4.2	-4.0	-3.3	-3.5	-4.1	-4.8	-4.9	-5.3	-5.2	-5.0	-5.1	-5.7	-5.4	-5.6	-4.9
24		-4.6	-3.9	-4.5	-4.7	-4.7	-4.9	-5.1	-4.7	-3.7	-2.8	-2.1	-1.0	0.3	-0.3	-1.2	-1.5	-1.8	-2.1	-2.7	-3.5	-3.6	-3.4	-3.7	-4.4	-3.1
25		-4.0	-4.0	-4.1	-4.0	-4.1	-4.4	-4.4	-4.3	-3.7	-3.1	-3.2	-3.0	-2.8	-2.5	-2.1	-1.8	-1.7	-1.8	-2.1	-2.2	-2.4	-2.7	-2.6	-2.1	-3.0
26		-1.3	-2.2	-2.7	-3.1	-3.0	-3.2	-3.6	-3.8	-2.5	-1.2	-0.3	-0.9	-2.5	-2.4	-3.1	-3.3	-2.9	-3.1	-3.5	-4.3	-4.0	-2.5	-2.7	-0.7	-2.6
27		-3.8	-4.4	-4.4	-4.6	-4.3	-5.1	-3.7	-3.4	-2.8	-1.7	-2.3	-2.8	-2.6	-2.4	-2.8	-3.0	-2.9	-3.0	-2.8	-2.6	-2.7	-2.6	-3.2	-3.2	-1.7
28		-3.8	-3.7	-3.2	-2.8	-1.7	-1.4	-1.6	-1.9	-2.0	-1.9	-1.6	-0.1	1.0	1.2	1.8	1.6	1.9	2.8	3.7	4.2	4.1	4.3	3.8	2.9	0.2
29		2.7	3.1	3.4	3.4	3.7	2.9	1.6	2.4	2.6	2.7	3.0	3.2	3.0	2.2	1.8	1.6	1.5	0.8	0.6	0.6	0.3	0.6	1.4	2.1	3.7
30		1.5	0.9	[RF]	-0.7	-0.3	-0.3	0.2	0.5	0.9	1.2	2.3	3.0	1.6	1.5	0.5	-0.6	-1.0	-2.1	-2.9	-3.6	-3.9	-4.1	-4.4	-5.2	-0.7
31		-4.4	-5.1	-5.4	-4.9	-4.7	-3.8	-3.1	-2.5	-2.1	-2.4	-2.5	-2.9	-3.7	-3.8	-3.6	-4.1	-5.2	-5.9	-5.8	-5.5	-4.8	-3.5	-2.7	-3.9	-1.8
AV		-4.8	-4.9	-5.1	-4.8	-4.9	-5.0	-4.6	-4.0	-3.6	-3.5	-3.4	-2.9	-3.4	-3.7	-4.2	-4.4	-4.7	-4.9	-4.6	-4.5	-4.6	-4.7	-4.7	-4.7	-4.5
SD		4.8	4.7	4.7	4.7	5.0	5.0	4.8	4.6	4.7	4.5	4.4	4.5	4.0	4.1	4.2	4.5	4.7	4.8	4.9	4.7	4.7	4.8	4.8	4.8	4.9
PK		2.7	3.1	3.4	3.4	3.7	2.9	2.6	3.7	4.6	3.6	4.2	5.1	5.5	5.1	5.3	4.9	4.4	3.7	4.2	4.1	4.3	3.8	2.9	5.5	

DU000 [Program: EDMS_MONTHSUM

Version: LC:12-MAY-92]

DEWPOINT [62103]

DEGREES CENTIGRADE

LEVEL HEIGHT : 10 METERS

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1

SITE 54 CRATERS OF THE MOON NM, ID

NOV, 1992

AEROVIRONMENT INC.

*
* FINAL DATA
* AS OF 6/APR/93
*

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG	PEAK	
1	-1.5	-0.9	-0.8	-0.4	-0.2	-0.3	-0.4	-0.4	-0.5	0.2	0.7	1.1	1.1	1.5	1.6	1.7	1.3	0.6	0.7	-0.2	-1.3	-2.1	-2.5	-2.3	-0.1	1.7	
2	-1.4	-1.0	-0.7	-0.4	-1.2	-2.5	-1.8	-1.9	-1.4	-2.9	-4.7	-7.8	-9.1	-10.2	-9.9	-9.2	-8.4	-9.4	-8.8	-9.5	-10.1	-10.3	-11.4	-12.1	-6.1	-0.4	
3	-12.7	-12.4	-12.7	-12.8	-12.7	-12.5	-12.2	-12.4	-11.5	-10.6	-11.0	-10.9	-11.6	-12.6	-12.2	-12.7	[MT]	-10.4	-10.6	-11.1	-11.9	-12.2	-12.0	-12.0	-11.9	-10.4	
4	-11.9	-11.7	-11.8	-11.8	-10.5	-11.3	-10.7	-10.1	-10.7	-10.4	-11.0	-8.6	-7.2	-4.8	-4.6	-4.2	-4.4	-4.4	-4.0	-3.9	-4.1	-4.5	-6.1	-6.2	-7.9	-3.9	
5	-5.0	-5.6	-5.8	-5.5	-5.6	-6.2	-6.8	-6.4	-5.5	-4.8	-3.0	-2.7	-3.1	-3.1	-3.3	-3.6	-3.8	-4.1	-4.4	-4.2	-5.0	-5.1	-5.0	-5.4	-4.7	-2.7	
6	-5.1	-5.4	-6.0	-7.8	-8.1	-7.7	-7.2	-6.4	-5.5	-4.4	-3.6	-3.0	-3.0	-3.1	-2.7	-2.5	-2.6	-3.0	-3.0	-3.1	-3.3	-3.4	-4.0	-4.5	-4.5	-2.5	
7	-4.0	-3.9	-3.6	-3.6	-3.4	-3.4	-3.9	-4.2	-3.3	-2.2	-1.8	-1.6	-2.3	-2.1	-2.0	0.1	0.2	0.0	-0.4	-1.5	-2.3	-2.3	-2.3	-2.3	-0.2	0.2	
8	-2.6	-2.0	-3.0	-3.1	-3.3	-3.7	-4.3	-4.4	-4.0	-3.9	-3.7	-3.6	-3.5	-3.5	-3.3	-3.2	-3.6	-4.4	-4.5	-4.9	-4.5	-4.7	-4.6	-4.2	-3.8	-2.0	
9	-4.7	-4.8	-5.3	-5.4	-6.1	-6.6	-6.6	-7.3	-8.1	-7.9	-7.3	-6.5	-7.9	-7.2	-8.1	-7.7	-7.1	-7.8	-8.7	-9.2	-9.6	-8.7	-9.4	-10.5	-7.4	-4.7	
10	-10.5	-10.8	-10.6	-10.7	-11.3	-11.0	-10.7	-9.8	-8.7	-7.6	-6.9	-6.7	-6.5	-6.2	-6.4	-6.2	-6.9	-6.9	-7.1	-7.8	-8.4	-9.3	-10.1	-10.5	-8.8	-6.2	
11	-10.4	-9.8	-9.2	-9.0	-9.2	-9.3	-9.3	-9.3	-8.8	-7.6	-7.2	-6.7	-6.8	-6.7	-6.6	-6.6	-6.7	-6.4	-6.9	-7.8	-8.9	-9.0	-9.1	-9.2	-9.3	-8.7	-7.2
12	-9.3	-9.3	-9.2	-8.8	-8.3	-8.5	-8.4	-8.3	-8.2	-7.6	-7.2	-6.7	-6.8	-6.7	-6.6	-6.6	-6.7	-6.4	-6.9	-7.8	-7.8	-7.9	-8.3	-8.5	-7.8	-6.4	
13	-8.0	-7.4	-7.3	-5.3	-4.9	-5.0	-5.2	-5.5	-6.2	-4.9	-3.4	-3.2	-2.8	-2.8	-3.0	-3.1	-3.2	-3.6	-4.5	-5.4	-6.0	-6.1	-6.1	-6.3	-5.0	-2.8	
14	-6.1	-6.3	-6.0	-6.1	-6.5	-7.2	-8.4	-8.9	-4.6	-1.6	-2.0	-2.3	-2.2	-1.8	-1.8	-2.0	-2.4	-2.8	-2.9	-3.1	-3.1	-3.3	-3.3	-3.3	-4.1	-1.6	
15	-3.3	-3.1	-3.3	-3.6	-3.5	-3.7	-4.3	-4.0	-2.9	-1.9	-1.8	-1.8	-1.5	-1.4	-1.5	-1.7	-1.9	-2.3	-2.4	-2.6	-2.7	-2.8	-3.1	-3.2	-2.7	-1.4	
16	-3.1	-3.4	-3.1	-3.5	-3.7	-3.7	-3.5	-2.9	-2.3	-1.6	-1.6	-1.7	-1.4	-1.6	-1.6	-1.7	-1.6	-2.4	-2.8	-3.2	-3.2	-3.4	-3.3	-3.5	-2.7	-1.4	
17	-3.6	-3.2	-3.5	-3.7	-3.5	-3.3	-3.3	-3.4	-3.0	-2.3	-1.9	-1.8	-1.3	-0.9	-1.3	-1.6	-1.5	-1.9	-2.1	-2.9	-3.2	-4.1	-1.9	-2.1	-2.6	-0.9	
18	-2.2	-2.2	-2.2	-2.2	-2.4	-2.6	-2.4	-2.7	-2.3	-2.0	-1.9	-1.6	-1.7	-1.7	-1.9	-2.5	-2.7	-2.9	-2.9	-3.0	-3.0	-3.1	-3.3	-3.6	-2.5	-1.6	
19	-4.0	-4.1	-4.3	-4.4	-4.5	-4.7	-4.9	-5.2	-5.0	-5.3	-4.9	-5.4	-5.4	-5.0	-4.7	-4.6	-5.2	-3.8	-3.5	-3.6	-3.6	-3.7	-3.6	-3.6	-4.4	-3.5	
20	-3.7	-5.5	-8.1	-10.2	-11.2	-11.5	-12.0	-11.5	-12.1	-12.0	-12.2	-12.2	-12.0	-12.1	-12.5	-13.0	-13.4	-14.5	-14.9	-14.9	-15.2	-15.2	-15.0	-15.0	-12.0	-3.7	
21	-15.5	-12.7	-12.4	-13.1	-12.6	-13.2	-14.3	-14.7	-13.8	-11.7	-12.1	-10.0	-8.4	-7.6	-7.5	-8.1	-8.0	-8.3	-8.9	-9.5	-8.8	-8.0	-8.0	-7.9	-10.6	-7.5	
22	-8.0	-8.0	-8.2	-8.1	-8.0	-7.9	-7.6	-7.1	-6.8	-6.8	-5.3	-5.0	-5.1	-5.0	-4.9	-5.2	-5.4	-5.9	-7.2	-9.9	-11.6	-11.8	-11.3	-11.2	-7.6	-4.9	
23	-10.5	-10.4	-10.6	-10.3	-10.7	-10.9	-10.4	-10.8	-10.7	-9.9	-9.4	-8.5	-7.8	-7.5	-7.5	-7.8	-8.7	-9.5	-11.0	-10.3	-10.4	-10.4	-11.7	-13.8	-10.0	-7.5	
24	-13.7	-14.6	-14.5	-13.6	-14.2	-14.2	-13.4	-13.7	-14.2	-13.6	-13.1	-12.5	-12.3	-11.3	-11.3	-11.5	-12.1	-13.1	-14.6	-15.4	-13.9	-14.7	-15.4	-15.6	-13.1	-13.3	
25	-15.9	-16.7	-17.0	-17.5	-18.3	-17.7	-17.7	-18.5	-16.9	-15.4	-14.2	-14.4	-13.5	-13.1	-13.2	-13.8	-14.5	-15.7	-16.3	-16.8	-16.4	-16.6	-16.5	-16.8	-14.2	-14.2	
26	-18.0	-17.6	-17.1	-17.3	-17.7	-17.3	-17.4	-18.3	-17.9	-16.2	-14.9	-15.0	-14.7	-14.7	-14.2	-14.2	-15.1	-15.6	-15.8	-16.0	-16.4	-16.6	-16.5	-16.8	-14.2	-14.2	
27	-16.4	-16.3	-16.7	-16.6	-17.4	-18.0	-16.6	-16.4	-16.5	-15.1	-15.1	-14.5	-14.4	-14.1	-13.8	-13.7	-13.8	-13.3	-12.3	-12.4	-13.5	-12.8	-12.9	-13.5	-14.8	-12.3	
28	-14.5	-15.0	-15.4	-15.0	-15.2	-15.0	-14.6	-13.1	-13.1	-11.9	-11.4	-10.9	-10.4	-9.4	-9.1	-9.0	-9.4	-10.1	-11.2	-11.8	-11.0	-14.4	-12.6	-12.0	-12.3	-9.0	
29	-13.2	-11.7	-12.8	-13.0	-13.0	-12.9	-11.5	-11.0	-10.2	-10.0	-10.4	-9.5	-10.3	-10.0	-9.4	-9.6	-10.0	-10.5	-10.7	-10.7	-10.5	-10.3	-10.0	-10.1	-10.9	-9.4	
30	-11.1	-10.8	-10.9	-11.4	-11.5	-11.5	-11.6	-11.9	-11.3	-9.4	-7.9	-8.0	-7.4	-8.4	-8.2	-8.0	-7.5	-7.1	-8.7	-7.0	-8.3	-11.0	-7.6	-7.6	-9.3	-7.0	
AV	-8.3	-8.2	-8.4	-8.5	-8.6	-8.8	-8.7	-8.7	-8.2	-7.5	-7.0	-6.7	-6.7	-6.5	-6.4	-6.4	-6.4	-6.9	-7.3	-7.7	-8.0	-8.3	-8.3	-8.5	-7.7		
SD	5.1	5.0	5.0	5.1	5.0	4.8	4.9	4.9	4.7	4.6	4.6	4.5	4.4	4.4	4.3	4.5	4.5	4.5	4.7	4.7	4.6	4.7	4.6	4.6	4.8		
PK	-1.4	-0.9	-0.7	-0.4	-0.2	-0.3	-0.4	-0.4	-0.5	0.2	0.7	1.1	1.1	1.5	1.6	1.7	1.3	0.6	0.7	-0.2	-1.3	-2.1	-1.9	-2.1	1.7		

QU000 [Program: EDMS_MONTHSUM

Version: LC:12-MAY-92]

DEWPOINT [62103]

DEGREES CENTIGRADE

LEVEL HEIGHT : 10 METERS

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1

SITE 54 CRATERS OF THE MOON NM, ID

DEC, 1992

AEROVIRONMENT INC.

*
* FINAL DATA
* AS OF 6/APR/93
*

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG	PEAK
1	7.8	-8.7	-9.8	-8.5	-10.0	-10.8	-10.7	-10.9	-11.3	-10.0	-9.8	-9.4	-9.2	-9.4	-9.2	-9.5	-10.1	-11.0	-10.5	-9.4	-9.0	-8.9	-9.0	-9.2	-9.7	-7.8
2	-9.2	-8.6	-8.5	-8.5	-8.3	-8.4	-8.7	-8.7	-8.5	-8.2	-6.4	-4.7	-3.8	-3.1	-3.0	-5.7	-5.2	-4.5	-4.0	-4.5	-5.2	-5.1	-5.0	-5.2	-6.3	-3.0
3	-6.5	-7.3	-7.9	-9.0	-9.7	-10.1	-10.4	-11.1	-11.3	-10.6	-11.0	-10.7	-10.7	-10.4	-10.7	-11.3	-11.8	-14.9	-16.6	-17.5	-17.3	-17.3	-18.3	-18.8	-12.1	-6.5
4	-18.4	-20.0	-19.9	-18.7	-19.1	-21.5	-21.3	-22.6	-21.8	-22.1	-20.9	-20.5	-20.0	-19.6	-19.6	-20.5	-21.8	-22.0	-21.3	-22.1	-22.0	-22.1	-22.9	-23.6	-21.0	-18.4
5	-23.9	-24.2	-23.9	-24.1	-23.9	-23.3	-22.5	-23.0	-20.7	-21.0	-17.6	-17.6	-16.1	-15.2	-16.0	-14.5	-14.7	-15.4	-16.2	-15.9	-16.2	-16.7	-17.0	-19.0	-14.5	
6	-16.3	-18.0	-19.4	-19.1	-18.6	-19.5	-19.8	-19.7	-19.2	-15.4	-15.1	-15.2	-15.7	-16.5	-16.6	-16.0	-16.6	-16.5	-16.8	-17.3	-18.5	-18.7	-18.2	-17.8	-17.5	-15.2
7	-16.8	-14.3	-15.6	-16.0	-16.3	-14.8	-15.4	-12.9	-11.0	-11.5	-10.1	-9.6	-10.1	-9.8	-8.3	-7.7	-9.0	-8.8	-8.7	-8.1	-7.9	-7.5	-6.9	-11.1	-6.9	
8	-6.6	-5.1	-4.4	-4.3	-4.1	-4.3	-4.8	-5.1	-5.8	-5.6	-6.1	-6.8	-6.6	-6.5	-6.6	-6.1	-5.6	-5.4	-5.0	-4.9	-4.8	-4.6	-4.3	-4.2	-5.3	-4.1
9	-4.1	-4.3	-4.5	-4.5	-4.4	-3.6	-3.6	-4.0	-4.1	-3.9	-4.9	-5.6	-5.9	-6.6	-7.4	-7.0	-7.2	-7.5	-8.0	-7.8	-8.1	-7.6	-8.0	-7.6	-5.8	-3.6
10	-7.5	-7.3	-6.9	-6.9	-7.2	-7.3	-7.2	-7.1	-6.4	-5.7	-5.3	-4.8	-3.6	-3.2	-3.2	-3.8	-4.3	-3.7	-3.6	-4.3	-3.4	-3.4	-3.3	-5.1	-1	-3.2
11	-2.9	-2.9	-3.0	-4.0	-3.7	-4.0	-4.2	-4.8	-5.2	-4.4	-4.1	-3.7	-3.5	-3.1	-3.1	-3.9	-3.8	-4.6	-5.4	-6.0	-8.8	-9.0	-8.7	-9.9	-4.9	-2.9
12	-9.8	-8.0	-9.9	-11.2	-10.3	-10.4	-8.7	-10.7	-11.5	-10.5	-9.7	-8.9	-8.1	-8.1	-8.0	-8.8	-11.0	-12.9	-13.2	-13.8	-14.9	-14.9	-14.4	-14.9	-10.9	-8.0
13	-15.1	-15.3	-15.4	-15.6	-15.1	-17.2	-17.0	-16.8	-17.3	-14.4	-14.3	-14.2	-13.1	-13.3	-13.0	-13.9	-15.4	-17.4	-18.1	-16.1	-17.7	-17.6	-17.3	-17.3	-15.7	-13.0
14	-17.4	-18.7	-19.2	-19.3	-17.9	-18.8	-17.9	-17.9	-17.9	-17.9	-17.9	-17.9	-17.9	-17.9	-17.9	-17.9	-17.9	-17.9	-17.9	-17.9	-17.9	-17.9	-17.9	-17.9	-17.4	
15	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]
16	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]
17	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]
18	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]
19	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]
20	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]
21	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]
22	-9.3	-10.2	-10.5	-9.4	-8.7	-8.6	-8.7	-9.1	-9.1	-8.9	-9.2	-9.0	-8.6	-8.1	-7.3	-7.0	-7.2	-7.7	-8.1	-8.3	-8.8	-8.9	-8.7	-8.5	-8.7	-7.0
23	-8.5	-8.8	-8.9	-9.4	-9.7	-11.1	-11.1	-11.0	-10.8	-10.1	-8.9	-8.1	-7.8	-7.7	-8.3	-8.8	-8.0	-8.6	-8.7	-8.9	-9.8	-10.0	-10.1	-9.6	-9.3	-7.7
24	-8.1	-7.1	-6.2	-5.9	-9.0	-7.7	-7.2	-10.7	-10.1	-6.1	-6.7	-7.9	-8.5	-8.0	-8.2	-9.1	-10.3	-10.9	-11.7	-12.0	-12.9	-13.1	-14.2	-15.2	-9.4	-5.9
25	-14.2	-15.0	-15.8	-17.3	-18.2	-18.0	-17.2	-18.2	-17.7	-14.6	-13.7	-13.0	-12.0	-12.0	-12.7	-12.8	-12.6	-12.1	-12.1	-12.7	-13.1	-14.3	-16.3	-17.1	-14.8	-11.6
26	-18.0	-17.6	-17.6	-13.6	-12.3	-13.4	-14.7	-13.3	-13.4	-12.1	-12.1	-11.9	-11.8	-12.2	-10.9	-6.0	-6.1	-6.9	-7.6	-7.8	-7.8	-7.3	-5.9	-5.8	-11.1	-5.8
27	-5.7	-6.3	-6.6	-6.0	-5.7	-5.8	-5.1	-5.1	-5.2	-4.9	-5.8	-6.5	-6.5	-7.0	-7.5	-7.6	-7.4	-7.5	-8.0	-10.1	-10.3	-12.1	-13.4	-13.1	-7.5	-4.9
28	-13.3	-12.1	-12.0	-12.1	-11.9	-12.2	-11.6	-10.9	-9.9	-9.2	-9.0	-8.6	-8.5	-8.4	-8.5	-7.7	-7.5	-7.1	-6.6	-5.8	-3.8	-2.8	-3.3	-2.9	-8.6	-2.8
29	-3.6	-4.1	-4.5	-4.6	-4.0	-3.8	-3.7	-3.6	-3.9	-3.9	-4.2	-5.0	-5.5	-6.0	-6.0	-5.6	-5.9	-6.0	-5.6	-5.5	-5.6	-6.1	-7.9	-5.0	-3.6	
30	-7.9	-8.7	-8.9	-9.4	-9.9	-11.1	-11.1	-9.3	-8.3	-8.5	-8.4	-7.9	-7.9	-8.2	-8.5	-9.2	-10.3	-11.9	-12.7	-13.2	-12.6	-12.3	-13.3	-13.5	-10.1	-7.9
31	-14.0	-14.6	-15.3	-15.6	-15.9	-16.5	-16.9	-15.1	-14.3	-14.1	-13.8	-12.9	-12.3	-12.1	-11.9	-11.7	-11.5	-12.1	-12.2	-12.3	-12.0	-11.7	-11.0	-10.4	-13.3	-10.4
AV	-11.0	-11.1	-11.4	-11.4	-11.4	-11.8	-11.6	-11.5	-11.2	-10.3	-9.9	-9.7	-9.3	-9.2	-9.2	-9.3	-9.5	-10.1	-10.4	-10.5	-10.7	-10.8	-11.0	-11.2	-10.7	
SD	5.5	5.7	5.8	5.7	5.6	5.8	5.8	5.6	5.3	5.1	4.5	4.3	4.1	4.2	4.0	4.1	4.3	4.6	4.7	4.8	5.0	5.2	5.4	5.5		
PK	-2.9	-2.9	-3.0	-4.0	-3.7	-3.6	-3.6	-3.6	-3.9	-4.1	-3.7	-3.5	-3.1	-3.0	-3.8	-3.8	-3.8	-4.0	-3.7	-3.6	-2.8	-3.3	-2.9			-2.8

RELATIVE HUMIDITY [622011] NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1
 PERCENT RELATIVE HUMIDITY SITE 54 CRATERS OF THE MOON NM, ID
 OCT, 1992
 AEROVIRONMENT INC.

 *
 * FINAL DATA
 * AS OF 6/APR/93
 *

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG	PEAK
1	[NA]	25	26	25	28	29	29	28	27	23	19	17	15	14	13	13	12	13	15	14	14	16	20	20	20	29
2	21	19	19	22	24	24	26	25	22	20	19	17	16	13	13	14	14	14	14	29	39	41	42	49	23	49
3	50	48	52	55	55	58	64	72	84	87	84	81	82	82	74	75	73	75	75	75	76	73	75	77	71	87
4	82	85	85	88	88	86	87	87	85	84	82	79	75	73	66	65	62	63	66	68	70	73	77	77	77	88
5	80	80	81	78	80	84	82	82	81	80	71	62	55	50	49	46	47	49	54	58	61	60	64	65	67	84
6	65	68	64	66	68	70	75	71	70	57	45	37	29	27	23	21	19	19	23	33	46	48	48	49	48	75
7	51	50	52	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	28	27	25	25	27	28	30	30	33	37	39	34	52
8	38	33	31	36	40	45	50	49	45	36	31	28	27	24	23	22	20	21	24	33	39	39	37	34	33	50
9	35	35	40	45	45	46	49	42	39	37	33	30	27	27	28	28	28	31	35	36	36	42	47	45	37	49
10	46	49	46	49	52	52	53	51	43	38	34	31	29	28	28	29	29	31	34	37	39	43	45	45	40	53
11	48	52	53	54	55	56	58	58	50	43	36	31	29	27	26	26	26	28	31	30	29	30	39	45	40	58
12	46	47	47	44	43	27	28	26	31	29	28	25	22	20	18	14	13	14	14	16	16	18	22	21	26	47
13	20	20	21	22	22	23	23	22	20	22	26	28	25	23	24	27	28	32	34	34	33	36	35	40	27	40
14	41	42	45	43	33	33	38	42	39	38	32	28	27	25	21	20	18	18	19	22	21	20	19	29	29	45
15	21	22	23	24	25	27	29	29	25	24	23	23	23	22	21	22	23	28	28	28	27	27	27	27	25	29
16	28	30	31	34	36	34	35	34	31	29	23	16	[NA]	[NA]	[NA]	14	15	17	18	17	17	19	22	26	25	36
17	29	30	33	36	40	42	44	46	38	35	33	33	30	30	29	29	29	31	34	35	35	36	40	43	35	46
18	44	43	47	47	49	50	50	50	47	41	36	33	27	24	22	22	23	25	28	29	28	30	31	33	36	50
19	35	35	37	39	38	39	39	41	35	33	27	23	23	23	23	25	25	27	29	31	32	35	36	39	32	41
20	40	39	43	45	48	46	46	47	42	36	33	28	22	19	17	17	17	19	22	24	27	29	30	34	32	49
21	35	37	36	35	39	39	41	42	34	31	27	23	21	20	20	21	23	26	35	42	43	48	51	54	34	54
22	56	64	66	69	76	78	60	56	50	42	35	37	35	31	29	30	33	36	39	40	43	43	46	49	48	78
23	50	50	50	51	52	54	53	52	50	42	35	33	33	31	28	26	27	29	32	32	31	29	31	37	39	54
24	36	34	40	42	41	41	43	45	42	36	34	32	30	28	24	24	25	28	30	32	33	34	34	38	34	45
25	38	38	40	42	41	44	43	45	39	35	32	29	26	24	24	26	28	30	33	34	34	36	38	40	35	45
26	41	42	45	47	48	50	54	56	52	46	40	36	30	30	27	26	28	30	32	35	39	45	45	58	41	58
27	43	40	40	38	42	47	54	56	51	48	42	35	31	30	29	28	29	33	38	41	43	45	49	49	41	56
28	53	55	54	57	61	63	65	66	65	56	51	50	47	43	43	43	46	58	77	82	80	84	83	81	61	84
29	80	84	86	88	89	87	84	84	84	85	87	87	87	84	84	82	84	84	82	83	87	85	83	82	85	89
30	87	84	[NA]	78	82	83	88	87	87	87	89	88	80	82	73	68	66	65	66	64	65	66	66	63	77	89
31	73	70	66	68	70	71	80	90	90	79	69	63	56	51	49	51	53	54	54	55	55	57	66	70	65	90
AV	47	47	47	49	50	51	52	53	50	46	42	39	36	34	32	31	32	34	37	39	41	43	45	47	42	
SD	18	19	18	18	19	19	19	20	21	21	21	21	20	20	19	18	18	18	19	18	19	18	18	18	18	
PK	87	85	86	88	89	87	88	90	90	87	89	88	87	84	84	82	84	84	82	83	87	85	83	82	82	90

Version: LC:12-MAY-92J

DU0000 [Program: EDMS_MONTHSUM

RELATIVE HUMIDITY [622013]
PERCENT RELATIVE HUMIDITY

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1
SITE 54 CRATERS OF THE MOON NM, ID
NOV, 1992
AEROVIRONMENT INC.

*
* FINAL DATA *
* AS OF 6/APR/93 *
*

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG	PEAK
1	80	84	86	89	90	87	86	84	80	83	83	83	82	83	80	80	77	78	83	78	69	64	64	67	80	90
2	73	80	83	84	76	69	85	84	81	68	61	43	37	33	34	38	45	44	47	45	44	47	42	39	58	85
3	37	43	43	42	47	50	52	51	51	47	40	40	37	33	33	32	[NA]	43	47	49	51	54	56	58	45	58
4	58	60	59	59	68	64	67	68	62	59	50	58	66	83	86	88	85	85	89	91	90	88	84	87	73	91
5	89	87	86	87	87	81	77	78	72	63	79	79	84	85	84	84	87	90	90	90	88	89	91	90	84	91
6	90	89	87	86	86	87	88	89	92	93	93	93	92	92	93	91	90	91	91	92	92	92	92	91	90	93
7	90	91	89	90	89	89	91	90	90	89	82	70	57	54	56	83	87	90	89	88	89	90	89	90	84	91
8	92	90	89	91	92	92	92	92	91	91	89	90	90	89	90	89	87	82	85	82	84	82	82	89	88	92
9	89	91	88	84	78	77	84	81	73	74	70	70	60	61	59	63	71	72	69	70	69	78	80	75	74	91
10	78	75	75	76	77	78	86	84	85	89	93	86	82	80	81	79	76	85	87	83	83	84	88	89	83	93
11	87	89	92	92	92	92	92	93	92	94	94	95	92	87	85	84	80	80	81	82	82	82	84	85	88	95
12	87	87	86	87	89	87	88	89	87	85	80	77	73	70	68	66	66	72	78	79	82	84	84	85	81	89
13	84	87	89	93	93	93	93	92	92	94	95	93	90	89	87	82	82	84	86	87	89	90	90	90	89	95
14	90	90	92	92	92	89	89	88	92	100	91	77	69	64	60	58	61	67	72	75	77	80	79	78	80	100
15	79	77	78	80	81	81	84	84	78	74	66	61	55	50	48	49	54	60	64	69	72	71	70	75	68	80
16	78	78	76	78	78	80	80	79	77	70	66	76	63	59	56	53	55	62	66	70	72	75	77	78	72	84
17	77	78	78	78	80	80	79	79	78	80	79	76	72	63	59	68	73	78	85	89	93	91	89	87	79	93
18	85	85	87	87	91	92	91	92	93	92	93	92	88	88	87	87	89	89	89	89	89	88	89	88	89	93
19	87	88	89	87	86	84	86	85	83	77	78	75	69	70	70	69	68	84	89	89	89	90	91	91	82	91
20	92	86	68	55	50	49	47	52	47	45	44	43	42	41	40	39	40	48	47	47	53	51	46	52	51	92
21	58	72	86	84	73	66	69	75	84	74	67	75	84	82	80	75	77	78	75	72	77	87	87	87	77	87
22	88	88	87	87	88	87	87	88	87	83	89	89	82	82	82	84	86	87	85	79	65	60	62	71	82	89
23	66	64	59	67	66	67	73	71	72	71	70	69	73	77	78	86	91	90	86	82	80	80	80	80	75	91
24	81	80	76	78	76	78	81	81	81	82	80	77	71	72	74	77	79	84	82	79	78	77	76	73	73	79
25	76	76	76	78	76	75	73	74	77	74	75	66	65	64	64	65	66	70	76	72	72	70	65	65	69	78
26	74	73	75	75	76	75	77	78	74	69	69	62	61	59	61	61	63	68	70	72	75	79	80	80	66	80
27	65	66	69	69	69	69	65	63	61	61	60	57	57	59	62	60	60	63	70	70	75	79	80	81	82	89
28	80	80	80	79	82	80	82	82	83	84	80	79	75	78	82	86	89	89	87	85	86	85	83	81	82	89
29	82	81	82	82	81	80	82	81	82	85	74	78	84	86	92	92	90	87	87	88	90	92	94	94	85	94
30	95	95	95	93	93	93	92	92	92	95	95	92	91	82	85	87	88	87	87	89	87	87	90	90	90	95
AV	80	80	80	80	80	79	80	81	80	78	76	74	71	71	70	72	75	76	78	78	78	79	79	79	77	77
SD	12	11	11	12	12	12	11	11	12	14	15	15	16	17	17	17	14	14	13	13	12	13	13	13	13	100
PK	95	95	95	93	93	93	93	93	93	100	95	95	92	92	93	92	91	91	91	92	93	92	94	94	94	100

RELATIVE HUMIDITY [62201]

PERCENT RELATIVE HUMIDITY

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1

SITE 34 CRATERS OF THE MOON NM, ID

DEC, 1992

AEROVIRONMENT INC.

 *
 * FINAL DATA
 * AS OF 6/APR/93
 *

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG	PEAK
1	90	89	87	80	81	87	85	83	82	79	75	82	83	81	77	77	82	82	85	91	90	89	89	89	84	91
2	89	89	89	89	89	90	89	89	89	87	87	86	87	87	87	86	87	91	92	92	91	91	92	91	89	92
3	89	89	89	88	88	88	88	87	86	87	84	86	87	87	86	87	89	84	80	79	79	78	76	75	85	89
4	74	74	74	72	69	69	66	65	63	66	65	66	62	56	55	50	43	52	57	59	59	44	48	49	61	74
5	58	57	51	47	41	32	34	43	48	38	46	46	47	48	55	59	72	80	80	82	77	80	80	82	57	82
6	83	82	80	79	78	78	78	80	81	87	80	77	72	70	69	68	72	72	71	62	68	73	71	70	75	87
7	65	73	78	78	78	78	73	74	82	85	84	85	87	87	88	87	86	88	88	89	90	89	88	89	83	90
8	89	90	91	92	93	92	90	92	92	92	84	70	70	70	71	77	82	82	87	88	89	90	91	92	86	93
9	91	91	90	90	90	84	87	83	89	90	87	81	83	78	77	79	78	78	77	83	84	91	91	90	85	91
10	88	88	89	89	90	90	89	89	90	92	92	92	86	80	77	76	76	75	83	78	80	78	79	82	84	92
11	87	93	92	92	92	92	90	80	80	87	89	89	89	90	92	89	90	89	90	90	84	87	89	86	89	93
12	82	82	82	82	83	84	82	82	82	81	83	82	82	82	80	81	62	51	48	47	60	53	58	50	73	84
13	54	55	55	59	66	81	72	64	66	64	72	83	80	84	89	86	87	81	80	75	81	69	61	59	72	89
14	82	78	82	84	84	81	82	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	82	84
15	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[]	[]
16	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[]	[]
17	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[]	[]
18	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[]	[]
19	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[]	[]
20	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[]	[]
21	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[]	[]
22	80	77	70	77	82	82	85	85	90	88	83	76	78	95	86	82	79	81	81	86	88	92	90	84	86	95
23	74	75	76	77	78	73	76	74	70	67	61	65	63	69	87	91	81	89	89	86	68	76	73	70	79	90
24	89	89	90	90	89	89	89	90	89	92	88	87	93	87	81	67	61	63	69	63	60	63	70	73	80	93
25	67	68	84	83	83	84	84	83	86	89	92	92	93	88	85	86	87	89	88	87	87	87	86	86	85	93
26	84	84	84	87	89	87	87	88	89	95	92	92	89	89	89	84	83	79	77	68	66	69	82	82	84	95
27	83	76	75	78	79	78	82	83	90	90	82	79	78	74	72	69	65	62	70	69	65	60	56	54	74	90
28	61	61	60	64	68	68	62	63	62	63	66	66	60	62	61	64	66	70	74	79	86	89	88	84	69	89
29	84	83	82	81	89	91	91	91	89	90	89	84	81	85	80	83	89	89	91	92	92	91	87	76	86	92
30	80	77	89	91	85	70	69	78	88	88	87	88	91	88	83	84	81	73	70	70	72	73	78	77	80	91
31	75	74	70	71	69	80	80	77	77	79	84	84	86	87	87	88	87	88	88	87	87	86	86	87	82	88
AV	79	79	80	80	81	80	80	79	81	81	80	80	80	79	79	79	78	78	79	78	79	79	79	78	79	
SD	11	11	11	11	12	12	13	12	12	14	11	11	12	12	11	11	12	11	11	12	11	13	13	13		
PK	91	93	92	92	93	92	91	92	92	95	92	92	93	95	92	91	90	91	92	92	92	92	92	92		95

DU000 [Program: EDMS_MONTHSUM

Version: LC:12-MAY-92]

SOLAR RADIATION [63301]

LANGLEYS/MINUTE

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1

SITE 54 CRATERS OF THE MOON NM, ID

OCT, 1992

AEROVIRONMENT INC.

*
* FINAL DATA *
* AS OF 6/APR/93 *
*

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG	PEAK		
1	[BM]	0.00	0.00	0.00	0.00	0.00	0.02	0.10	0.21	0.61	0.86	0.94	1.00	0.95	0.85	0.57	0.31	0.08	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.28	1.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.20	0.29	0.45	0.74	0.85	0.84	0.67	0.40	0.23	0.11	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.85	
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.06	0.09	0.19	0.17	0.12	0.18	0.19	0.19	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.19	
4	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08	0.19	0.21	0.37	0.52	0.82	0.78	0.42	0.31	0.37	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.82	
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.18	0.29	0.40	0.68	0.95	0.45	0.43	0.41	0.22	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.95	
6	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.13	0.17	0.07	0.32	0.83	1.01	0.88	0.78	0.57	0.32	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	1.01	
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	
9	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.10	0.18	0.64	0.82	0.93	0.95	0.89	0.75	0.54	0.30	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.95	
10	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.11	0.18	0.61	0.80	0.92	0.91	0.77	0.46	0.32	0.15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.92	
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.17	0.62	0.74	0.88	0.88	0.84	0.71	0.51	0.26	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.88	
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.17	0.47	0.66	0.94	0.95	0.91	0.72	0.53	0.27	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.95	
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.18	0.60	0.73	0.80	0.92	0.86	0.71	0.51	0.27	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.92	
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.20	0.60	0.79	0.90	0.92	0.85	0.70	0.50	0.27	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.92	
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.18	0.60	0.78	0.88	0.91	0.86	0.70	0.48	0.21	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.91	
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.15	0.28	[PA]	[PA]	[PA]	[PA]	[PA]	[PA]	0.22	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.28	
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.17	0.54	0.72	0.83	0.79	0.71	0.55	0.32	0.19	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.83	
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.18	0.52	0.62	0.71	0.81	0.57	0.36	0.26	0.11	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.81	
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.18	0.50	0.69	0.82	0.84	0.78	0.63	0.37	0.25	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.84	
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.19	0.52	0.69	0.80	0.83	0.77	0.64	0.45	0.22	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.83	
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.20	0.51	0.68	0.79	0.81	0.62	0.63	0.39	0.14	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.81	
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.20	0.50	0.68	0.78	0.81	0.76	0.62	0.43	0.21	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.81	
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.20	0.51	0.68	0.79	0.82	0.76	0.63	0.43	0.21	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.82	
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.19	0.48	0.66	0.75	0.81	0.74	0.61	0.41	0.19	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.81	
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.19	0.47	0.65	0.75	0.80	0.72	0.59	0.40	0.18	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.80	
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.21	0.52	0.73	0.82	0.73	0.68	0.66	0.39	0.19	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.82	
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.11	0.44	0.67	0.73	0.65	0.48	0.28	0.29	0.16	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.73	
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.16	0.43	0.61	0.68	0.71	0.72	0.44	0.21	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.72	
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.07	0.09	0.14	0.13	0.10	0.23	0.14	0.13	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.23	
30	0.00	0.00	[RF]	0.00	0.00	0.00	0.00	0.02	0.06	0.07	0.19	0.32	0.32	0.18	0.41	0.21	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.41
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.26	0.39	0.54	0.71	0.70	0.48	0.51	0.26	0.09	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.71	
AV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.18	0.44	0.61	0.74	0.78	0.68	0.55	0.38	0.19	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19		
SD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05	0.18	0.20	0.21	0.23	0.21	0.18	0.12	0.09	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
PK	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.20	0.29	0.64	0.86	0.94	1.01	0.95	0.85	0.57	0.37	0.11	0.01	0.01	0.01	0.01	0.00	0.00	0.00	1.01		

DU000 [Program: EDMS_MONTHSUM

Version: LC:12-MAY-92]

SOLAR RADIATION [63301]

LANGLEYS/MINUTE

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1

SITE 34 CRATERS OF THE MOON NM, ID

NOV, 1992

AEROVIRONMENT INC.

*
* FINAL DATA
* AS OF 6/APR/93
*

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG	PEAK	
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.13	0.12	0.17	0.25	0.26	0.46	0.36	0.19	0.09	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.46
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.15	0.36	0.36	0.35	0.63	0.67	0.55	0.35	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.67
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.09	0.19	0.37	0.31	0.31	0.28	0.48	0.14	[MT]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.48
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08	0.16	0.20	0.26	0.21	0.18	0.17	0.09	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.26
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.22	0.42	0.58	0.69	0.60	0.42	0.40	0.26	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.69
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.10	0.17	0.20	0.24	0.14	0.11	0.09	0.07	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.24	
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.15	0.35	0.44	0.62	0.39	0.63	0.17	0.05	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.63
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08	0.15	0.21	0.21	0.23	0.21	0.16	0.10	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.66
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.09	0.27	0.51	0.66	0.65	0.63	0.24	0.16	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.66
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.15	0.37	0.45	0.65	0.68	0.63	0.49	0.30	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.68
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.11	0.21	0.23	0.23	0.18	0.32	0.22	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.32
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08	0.30	0.41	0.41	0.34	0.29	0.26	0.14	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.41
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.11	0.28	0.34	0.26	0.25	0.20	0.15	0.14	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.34
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.11	0.35	0.52	0.62	0.65	0.59	0.47	0.29	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.65
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.13	0.16	0.27	0.47	0.59	0.47	0.16	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.30
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.07	0.14	0.32	0.40	0.26	0.27	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.59
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.10	0.12	0.17	0.28	0.16	0.12	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.40
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.29	0.35	0.46	0.55	0.54	0.42	0.25	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.28
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.12	0.35	0.48	0.61	0.43	0.33	0.23	0.24	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.55
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.08	0.14	0.19	0.24	0.42	0.28	0.15	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.61
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.22	0.29	0.55	0.60	0.51	0.39	0.19	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.42
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.25	0.44	0.56	0.39	0.43	0.37	0.17	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.60
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.27	0.42	0.54	0.59	0.54	0.42	0.25	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.59
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.29	0.46	0.57	0.60	0.55	0.43	0.25	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.60
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.24	0.29	0.44	0.32	0.27	0.31	0.17	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.44
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.20	0.26	0.32	0.35	0.44	0.35	0.22	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.44
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.23	0.37	0.49	0.57	0.50	0.28	0.12	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.57
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.18	0.39	0.30	0.37	0.31	0.16	0.07	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.39
AV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.09	0.23	0.33	0.41	0.42	0.40	0.31	0.18	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	
SD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.10	0.13	0.17	0.16	0.17	0.13	0.08	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PK	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.22	0.42	0.58	0.69	0.68	0.67	0.55	0.35	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.69	

DU000 [Program: EDMS_MONTHSUM

Version: LC: 12-MAY-92]

SOLAR RADIATION [63301]

LANGLEYS/MINUTE

NATIONAL PARK SERVICE GASEOUS POLLUTANT NETWORK, #1

SITE 54 CRATERS OF THE MOON NM, ID

DEC, 1992

AEROVIRONMENT INC.

*
* FINAL DATA *
* AS OF 6/APR/93 *
*

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG	PEAK	
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.16	0.21	0.29	0.37	0.40	0.31	0.14	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.40
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.06	0.11	0.09	0.08	0.08	0.07	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.11
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.08	0.11	0.13	0.21	0.26	0.24	0.17	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.26
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.19	0.25	0.30	0.51	0.55	0.41	0.24	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.55
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.12	0.21	0.26	0.31	0.42	0.39	0.15	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.42
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.25	0.41	0.52	0.56	0.52	0.40	0.23	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.56
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.08	0.10	0.12	0.16	0.13	0.08	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.16
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.35	0.49	0.34	0.31	0.39	0.21	0.12	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.49
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.23	0.45	0.52	0.39	0.29	0.16	0.11	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.52
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.09	0.15	0.21	0.26	0.32	0.33	0.17	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.33
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.06	0.20	0.35	0.28	0.30	0.25	0.15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.35
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.14	0.32	0.45	0.50	0.49	0.38	0.21	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.50
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.24	0.41	0.51	0.56	0.51	0.40	0.23	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.56
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.13	0.24	0.31	0.34	0.33	0.30	0.14	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.34
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.21	0.38	0.50	0.54	0.50	0.39	0.22	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.54
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.23	0.39	0.41	0.50	0.45	0.33	0.13	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.50
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.12	0.23	0.30	0.32	0.34	0.26	0.15	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.34
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.18	0.38	0.46	0.53	0.51	0.39	0.23	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.53
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.20	0.37	0.48	0.54	0.36	0.26	0.14	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.54
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.10	0.12	0.18	0.18	0.17	0.17	0.12	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.18
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.19	0.29	0.21	0.25	0.29	0.39	0.21	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.39
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.21	0.39	0.50	0.54	0.30	0.19	0.10	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.54
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.21	0.40	0.50	0.54	0.51	0.38	0.22	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.54
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.17	0.37	0.46	0.50	0.51	0.40	0.24	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.51
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.12	0.24	0.25	0.38	0.46	0.34	0.16	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.46
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.12	0.16	0.22	0.22	0.26	0.14	0.09	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.26
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.14	0.23	0.29	0.32	0.30	0.21	0.12	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.32
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.11	0.22	0.36	0.38	0.36	0.29	0.15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.38
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.10	0.17	0.24	0.24	0.20	0.18	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.24
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.11	0.16	0.28	0.31	0.32	0.30	0.18	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.32
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.12	0.25	0.29	0.27	0.27	0.20	0.11	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.29
AV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.16	0.27	0.33	0.37	0.36	0.28	0.16	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	
SD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.07	0.11	0.13	0.14	0.12	0.10	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PK	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.35	0.49	0.52	0.56	0.55	0.41	0.24	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.56	