

EPA-450/2-76-018

October 1976

AIR QUALITY DATA - 1969 ANNUAL STATISTICS



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

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INTRODUCTION

In accordance with requirements of the Clean Air Act and EPA Regulations for State Implementation Plans (SIP's),¹ ambient air quality data resulting from air monitoring operations of State, local, and Federal networks must be reported each calendar quarter to the Environmental Protection Agency. The EPA Storage and Retrieval of Aerometric Data (SAROAD) format² is the established medium for transmittal of air data to EPA Regional Offices within 45 days after each quarterly reporting period. EPA Regional Offices must, within an additional 30 days, forward data they have received to the EPA Aerometric and Emissions Reporting System (AEROS) of which the SAROAD system is an operational part. AEROS is managed by the National Air Data Branch, Monitoring and Data Analysis Division of the Office of Air Quality Planning and Standards. Summaries of these data are provided to interested parties upon request.

In a continuing effort to provide these data to participating agencies as well as to the public, EPA periodically publishes a summary of all data submitted. It is this Agency's desire that participating agencies take this opportunity to check these data to ensure that: (1) the data are correct and (2) the data accurately reflect the ambient air quality within each Air Quality Control Region (AQCR).

1. Federal Register, Vol. 38, No. 149, Friday, August 3, 1973, pp. 20834 and 20835.

2. OAQPS Guideline 1.2-039, Volume II: "AEROS Users Manual."

The air quality statistics shown in this publication are produced directly from computer reports generated by EPA's on-line computer system. The data in this publication are being republished in the new revised format currently being used. Some of the data in this publication have been revised as a result of a recent effort to improve the quality of the past data. The most recent up-to-date SAROAD reports are available upon request from the National Air Data Branch or the appropriate EPA Regional Office. These locations are shown in the following table.

LIST OF REGIONAL OFFICES

Regional Location	Commercial Telephone	FTS Telephone
EPA Region I 240 Highland Avenue Needham Heights, MA 02194	617-223-7266	223-7266
EPA Region II 26 Federal Plaza New York, NY 10007	212-264-2518	264-2518
EPA Region III 6th & Walnut Streets Philadelphia, PA 19106	215-597-8046	597-8046
EPA Region IV 1421 Peachtree St., N.E. Atlanta, GA 30309	404-526-2864	285-2864
EPA Region V 230 S. Dearborn Chicago, IL 60604	312-353-1447	353-1447
EPA Region VI 1600 Patterson St. Dallas, TX 75201	214-749-1176	749-1176
EPA Region VII 1735 Baltimore Ave. Kansas City, MO 64108	816-374-3791	758-3791
EPA Region VIII 1860 Lincoln St. Denver, CO 80203	303-837-4261	327-4261

EPA Region IX 100 California St. San Francisco, CA 94111	415-556-2270	556-2270
EPA Region X 1200 6th Avenue (M/S 413) Seattle, WA 98101	206-442-1580	399-1580
National Air Data Branch Chief, Requests & Information Section Research Triangle Park, North Carolina 27711	919-688-8146	629-5395

Data for reporting sites using analytical methods determined to be not acceptable for purposes of data analysis are not included in this report. In the future NADB edit programs will reject any new data submittals indicating a "not acceptable"³ analytical method. All existing "not acceptable" data will be removed from the files and stored in SAROAD format. This "not acceptable" data will no longer be included in data retrieval files.

ORGANIZATION AND FORMAT

These data represent all acceptable ambient air quality data sampled for pollutants that currently have National Ambient Air Quality Standards. These pollutants, along with their corresponding sampling intervals and National Primary and Secondary Standards, are as given on the following page.

3. OAQPS Guideline 1.2-018, "Designation of Criteria Pollutant Analytical Methods as Acceptable/Not Acceptable for Purposes of Data Analysis," May 1974.

SUMMARY OF NATIONAL AMBIENT AIR QUALITY STANDARDS^a

Pollutant	Averaging time	Primary standards	Secondary standards	Comments
Particulate matter	Annual (Geometric mean)	75 $\mu\text{g}/\text{m}^3$	60 $\mu\text{g}/\text{m}^3$	The secondary annual standard (60 $\mu\text{g}/\text{m}^3$) is a guide for assessing State Implementation Plans to achieve the 24-hour secondary standard.
	24-hour ^b	260 $\mu\text{g}/\text{m}^3$	150 $\mu\text{g}/\text{m}^3$	
Sulfur oxides	Annual (Arithmetic mean)	80 $\mu\text{g}/\text{m}^3$ (0.03 ppm)	-	
	24-hour ^b	365 $\mu\text{g}/\text{m}^3$ (0.14 ppm)	-	
	3-hour ^b	-	1300 $\mu\text{g}/\text{m}^3$ (0.5 ppm)	
Carbon monoxide	8-hour ^b	10 mg/m^3 (9 ppm)		
	1-hour ^b	40 mg/m^3 (35 ppm)	(Same as primary)	
Nitrogen dioxide	Annual (Arithmetic mean)	100 $\mu\text{g}/\text{m}^3$ (0.05 ppm)	(Same as primary)	Chemiluminescence has been proposed as a replacement for the J-H method. New FRM* will be forthcoming in the near future.
Photochemical oxidants	1-hour ^b	160 $\mu\text{g}/\text{m}^3$ (0.08 ppm)	(Same as primary)	The FRM* measures O_3 (ozone).

Hydrocarbons (nonmethane)	3-hour (6 to 9 a.m.)	160 $\mu\text{g}/\text{m}^3$ (0.24 ppm)	(Same as primary)	The HC standard is a guide to devising State Implementation Plans to achieve the oxidant standard. The HC standard does not have to be met if the oxidant standard is met.
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^aThe air quality standards and a description of the Federal Reference Methods *(FRM) were published on April 30, 1971 in 42 CRF 410, recodified to 40 CRF 50 on November 25, 1972.

^bNot to be exceeded more than once per year.

Each section of this publication addresses one of the six pollutants* listed in the preceding summary and shows each acceptable collection and analysis technique represented in AEROS. When submitted, both continuous and non-continuous sampling intervals are given. For uniformity, all summaries are shown in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) except carbon monoxide, which is given in milligrams per cubic meter (mg/m^3). Note that the pages are printed so that individual sections (pollutant-method combinations) may be removed and inserted in a loose-leaf notebook if desired.

The format employed in this publication provides both parametric and non-parametric indices of air quality. The number of observations, the minimum and maximum value measured for the period of record, and the odd deciles plus the 95th and 99th percentiles describe the distribution of observed values. The arithmetic and geometric means and standard deviations provide some measure of central tendency and dispersion.

Each summary line is preceded by the Air Quality Control Region within which the sampling site is located,⁴ the city or county (parish, election district, or regional planning district), the three-digit site number within the city or county, and an Agency Type Code that indicates the type of agency responsible for the laboratory analysis. A Project Code is shown with the Agency Type Code to indicate the type of surveillance being conducted. Some principal Agency-Project Codes are:

*Ozone included.

4. Directory of Air Quality Monitoring Sites 1972, EPA-450/2-73-006. Environmental Protection Agency, Office of Air and Water Programs, Office of Air Quality Planning and Standards, Research Triangle Park, N. C. 27711. September 1973.

SAROAD AGENCY TYPES

- A EPA Headquarters group responsible for atmospheric surveillance
 - B EPA Headquarters group responsible for meteorological activity
 - C EPA Headquarters group responsible for effects research
 - D EPA Headquarters group responsible for atmospheric research
 - E EPA Headquarters group responsible for abatement activity
 - F State agency
 - G County agency
 - H City agency
 - I District agency
 - J Private
 - K Institution (university, college, etc.)
 - L Military
 - M International agency
 - N Other Federal nonmilitary agencies
 - P EPA Regional Office group responsible for atmospheric surveillance
 - Q World Meteorological Organization
 - R World Health Organization
 - S-Y Open for future expansion
 - Z Other
-

SAROAD PROJECT CLASSIFICATIONS

01	Population-oriented surveillance
02	Source-oriented ambient surveillance
03	Background surveillance
04	Complaint investigation
05	Special studies
06	Episode monitoring
08	Global surveillance
09	Duplicate sampling
10	Continuous Air Monitoring Program
11-99	For Federal network and future expansion

SUMMARY CRITERIA

Ambient air quality observations which are reported to EPA must satisfy minimum summary criteria--the basis of which is sampling interval (e.g., continuous, non-continuous) and period of coverage (e.g., quarterly, annually). The arithmetic mean, geometric mean, arithmetic standard deviation, and geometric standard deviation are calculated and summarized in this report for data having met these criteria. Reports are available from the National Air Data Branch or the appropriate EPA Regional Office which give the means and standard deviations even though the minimum summary criteria are not satisfied.

Criteria for continuous observations with sampling intervals of less than 24 hours are as follows:

Data representing quarterly periods must reflect a minimum of 75 percent of the total number of possible observations for the applicable quarter.

Data representing annual periods must reflect a minimum of 75 percent of the total number of possible observations for the applicable year.

Criteria for non-continuous observations with sampling intervals of 24 hours or greater are as follows:

Data representing quarterly periods must reflect a minimum of five observations for the applicable quarter. Should there be no measurements in one of the three months of the quarter, each remaining month must have no less than two observations reported for the applicable period.

Data representing annual periods must reflect four quarters of observation that have satisfied the quarterly criteria.

**PARTICULATE, micrograms per cubic meter (25 C)
HI-VOL GRAVIMETRIC, 24 hours**

1969 Annual Report

Site location	Site No.	Ag/ proj.	No obs	Min obs	Percentiles							Max. obs.	Arithmetic		Geometric		
					10	30	50	70	90	95	99		Mean	Std dev.	Mean	Std dev	
ALABAMA																	
002	Montgomery	001	A01	26	16	40	60	78	107	142	149	150	150.	84	35.79	75.17	1.67
003	Godsden	001	A01	26	26	33	48	54	75	108	124	126	126	64	26.90	59.53	1.50
004	Birmingham	003	A01	23	47.	98.	110.	178	211	255	361	367	367				
005	Mobile	001	A01	22	72.	74.	88	117	170	202	207.	296.	296.	134	58.40	123.69	1.51
		001	G01	22	71	73	87.	116.	169	201	206.	295	295	133	58.40	122.61	1.51
007	Huntsville	001	A01	26	18.	36	48	52	70	114.	119	133.	133	64	28.39	57.96	1.56
ALASKA																	
000	Anchorage	005	F01	86	1	45	85.	116.	145	245	263	312	312				
008	Anchorage	003	A01	25	19.	22	42	108.	156	177	193	268	268	104	68.76	78.92	2.30
		004	A01	78	12.	21.	67	111	253.	439	468	711	711				
		006	A01	83	13	28.	76	116	203.	290	314.	658	658				
		007	A01	73	9	22.	52.	78	100.	146	176	322	322				
009	Fairbanks	001	A01	24	24	65	137	190	269	443	449	876	876	230	182.23	174.84	2.21
ARIZONA																	
014	Coconino Co	001	A01	1	24	24	24.	24	24	24	24	24	24				
014	Grand Canyon Nat Park	001	A03	25	6.	7.	12	15	23	30.	31	32.	32	17	8.69	15.22	1.75
015	Maricopa Co	001	A01	26	13.	15.	25	41	53	62	85	111.	111	42	23.04	36.55	1.78
015	Phoenix	002	A01	26	29.	58.	95	117.	145	214	221	247	247	123	51.84	111.50	1.62
015	Tucson	001	A01	26	24	40	61	78	109	133.	137	138	138	85	33.36	77.88	1.57
ARKANSAS																	
016	Little Rock	001	A01	26	39	43.	58.	75	96.	137	139	178.	178	81	33.81	75.28	1.49
		002	F01	25	16.	37	60	76	138.	155	167	169	169	95	47.46	81.85	1.82
017	Fort Smith	001	F01	25	14	18.	45.	52	59	79	85	92	92	50	20.99	44.80	1.69
018	West Memphis	001	A01	22	34	42	64.	68	93	119	138	196	196	81	38.15	73.37	1.56
019	Crossett	001	F01	25	19.	72	119	135	153.	189	191	220.	220	133	46.22	121.24	1.67
019	El Dorado	001	F01	27	13.	23	28	38	53	90	95	119.	119.	46	25.65	39.95	1.69
020	Stuttgart	001	F01	16	89.	90	111	131	194	293	465	465	465				
021	Montgomery Co	001	A03	24	10	12	18	24.	31	43.	52	88	88.	28	16.88	23.93	1.70
022	Texarkana	001	A01	26	18	27.	54	59	80	141.	146	167	167	70	36.37	62.18	1.68
CALIFORNIA																	
024	Anaheim	001	A01	25	43	48.	71	80	135.	168.	183	261	261	104	53.00	93.00	1.62
		001	I01	79	43	59	81	102	134	183	196.	261	261	113	46.91	103.59	1.51
024	Burbank	001	A01	24	41	58.	74	82	116	143	158	160	160	94	34.04	88.12	1.44
		002	A01	24	41	58	74	82	116	143	158	160	160.	94.	34.04	88.12	1.44
024	Glendale	001	A01	26	32	51	56	74	94.	124	129.	149.	149.	79	28.68	73.70	1.44
024	Long Beach	001	A01	24	52	70.	87	100	120.	166	231.	242.	242	112	46.66	104.13	1.44
024	Los Angeles	001	A01	24	40	56	70	91	104	169	178.	280.	280	104	54.72	92.81	1.61
		001	I01	24	40	56	70.	91	104	169	178	280	280	104	54.71	92.81	1.61
024	Ontario	001	A01	25	23	30.	77	115	173.	270	292	456	456	140	98.91	108.61	2.16
		001	I01	25	23	30	77	115	173.	270	292	456	456	140	98.91	108.61	2.16
024	Pasadena	002	A01	20	22.	51	65	94.	120	148	168.	219.	219				
024	Riverside	001	A01	26	39.	53.	92	144	187	228	239	255	255	140	63.36	123.52	1.72
		001	I01	26	39	53	92	144	187.	228	239	255	255	140	63.36	123.52	1.72
024	San Bernardino	001	A01	26	28	33.	61.	85	162	229	235	245	245	116	69.89	94.67	1.96
		001	I01	26	28	33.	61	85	162.	229	235	245	245	116	69.89	94.67	1.96
024	Santa Ana	001	A01	26	64	65	87	130	166	252	254	271	271	135	60.34	123.02	1.56
		001	F01	26	64.	65	87	130	166	252	254	271	271	135	60.34	123.02	1.56
024	Santa Barbara	002	F01	24	1	34	51	57.	64	86	87	88	88.	58	21.36	46.69	2.80
024	Torrance	001	A01	25	15	25.	57	66	103.	153	163	177	177	80.	44.97	68.16	1.86
025	Monterey	001	I01	13	14.	25.	30	47	58.	65.	105	105	105				
025	Monterey Co	001	I01	18	23	33.	75	89	116	163.	179	179	179				
025	Salinas	001	I01	21	40	47.	65	80	87.	146	150	166	166.				
025	Santa Cruz Co	001	I01	19	30	37	46.	59	63	106	110	110.	110.				
026	Humboldt Co	001	A03	27	19.	22	28	33	43	65	87	182	182	44	31.92	38.31	1.65
028	Sacramento	001	A01	25	13	32	44	51	69	119	137.	160	160	62	34.82	53.98	1.71
		001	I01	25	13	32	44	51	69	119	137	160	160	62	34.82	53.98	1.71
029	El Cajon	001	C05	23	24	49	79	92	108	139	140	147	147	92	30.99	86.00	1.52
		001	I01	23	24	49	79	92	108	139	140	147	147	92	31.03	86.12	1.52

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HI-VOL GRAVIMETRIC, 24 hours**

1969 Annual Report

Site location	Site No.	Ag/ proj	No. obs.	Min obs.	Percentiles							Max. obs.	Arithmetic		Geometric		
					10	30	50	70	90	95	99		Mean	Std. dev	Mean	Std. dev	
CALIFORNIA — Cont.																	
029	San Diego	001	A01	26	37	44.	62	72	79	115	191	204	204	80.	39.48	73.27	1.49
		001	G01	49	33	44	63	74.	84	116	118	204	204	79.	29.83	73.93	1.42
030	Berkeley	001	A01	22	23	28.	29	38.	51	64.	107	144	144				
030	Oakland	001	A01	26	31.	34	58.	69.	85	134.	149	187	187	79	39.44	70.50	1.63
030	San Francisco	001	A01	25	25.	32.	44.	52.	64	95.	100	137	137	59	26.39	54.25	1.52
030	San Jose	001	A01	26	21.	46.	69.	78.	100.	132.	149	202	202	88	38.65	79.54	1.59
		002	A01	26	21	46.	69	78.	100.	132.	149	202	202.	88	38.65	79.54	1.59
031	Fresno	001	A01	25	28.	51.	75	90.	113	158	237	316.	316	106	62.24	92.16	1.72
		002	F01	4	104.	104.	118.	118.	130.	218.	218	218	218				
031	Stockton	002	F01	14	31.	31	75.	100.	128.	149	211	211	211				
COLORADO																	
014	Durango	003	F01	67	17	48.	62.	83.	96.	163	209.	417.	417.	96.	60.88	83.24	1.71
014	Mesa Verde Nat Park	002	A03	26	4	7	7.	14.	21.	37	42	50.	50.	18.	12.47	13.89	2.00
034	La Junta	001	F01	95	24	34	50	60.	68.	96	107.	132	132	62.	23.59	57.41	1.47
034	Rocky Ford	001	F01	97	28	41	61	75.	96.	138	158.	274.	274.	83.	39.99	74.93	1.57
035	Garfield Co	001	F01	97	28	58	90	115.	154	256	303.	415	415.	138	80.07	117.65	1.77
		002	F01	46	19.	37	52	60.	104	152	172.	240.	240				
035	Glenwood Springs	001	F01	99	14	39	59	77.	97	134	155	207	207	81	38.36	71.49	1.71
035	Grand Junction	003	F01	21	20	24	51.	64.	88.	111	119.	127	127				
		004	F01	17	24	29	65	77.	96.	145	150.	150.	150				
		006	F01	19	14.	14	42	49	84.	96	268.	268	268				
		007	F01	68	29	37.	61.	70.	91.	121	141	155	155				
		008	F01	10	33	33	41	56	83	134	151.	151	151.				
035	Mesa Co	001	F01	82	1.	37.	73.	89.	106.	137	168	284	284	90	45.29	75.13	2.18
		002	F01	60	5.	14	20.	29.	45	103.	126	260.	260				
035	Montrose	001	F01	81	25.	46	66	95.	113.	182	206	262	262	103.	54.38	89.83	1.71
036	Adams Co	001	F01	90	14.	42	75	98.	115.	160	235.	282	282	105.	53.92	91.09	1.77
036	Arvada	001	F01	94	16.	64	91.	109	129	200	252	330	330	122	60.19	109.01	1.65
036	Aurora	001	F01	87	12.	39	64.	76	98	133	156.	286	286	86.	42.43	76.57	1.64
036	Boulder	001	F01	87	27.	49	65	78.	101.	138	157	213	213.	89.	37.22	81.98	1.50
036	Brighton	001	F01	87	22.	43	72	92.	111	133	145	165	165.	92	34.05	84.03	1.57
036	Denver	001	A01	105	13	62	85.	108	145	206	222	391	530	125.	73.62	108.94	1.71
		001	F01	87	13	68.	87.	112.	137	206	222	391	391	124.	64.39	109.66	1.67
		002	A01	1	56.	56	56.	56	56	56	56	56	56				
		002	A10	173	16	66.	113	141	196	370	419.	566	603	179	116.95	146.76	1.91
		002	F01	173	16.	66	113	141.	196.	370	419	566	603	179	116.95	146.76	1.91
		003	F02	91	20	57	84	108	133	173	207.	317	317	114	53.64	102.59	1.62
		004	F01	89	27	80	141	182.	224.	318	385.	580	580	195	97.60	171.14	1.73
		006	F01	87	11	39	57.	75	94	139.	153.	197	197	81	37.96	71.39	1.70
		007	F01	94	19	40	57.	66	80	103	121	184	184	71	27.87	66.18	1.48
		008	F01	86	17	42	70.	89	112	145	172	286	286	96	47.66	84.56	1.68
036	Douglas Co	001	F01	90	10.	26	41.	49	62.	78.	108.	136.	136	53	24.76	48.08	1.61
036	Edgewater	001	F01	93	15	48	73.	90	111	171	195.	327.	327	101	52.58	88.83	1.70
036	Englewood	001	F01	91	19	60	75	100	120.	175	200	256	256.	106	48.43	95.80	1.60
036	Golden	001	F01	93	14	44	60	76.	94	123	136.	259	259.	80	35.94	72.96	1.57
036	Jefferson Co	001	F02	77	6	29	45	59	69	91	103	183	183	61	27.20	54.48	1.64
036	Lakewood	001	F01	92	12	39.	55	67	80	114	141.	152	152.	72.	30.41	65.52	1.57
036	Longmont	001	F01	88	13	49.	75	93.	118	192.	236.	422.	422.	108	65.81	92.62	1.77
037	Fort Collins	001	F01	90	32	49.	79.	99	125	199	246	345.	345.	114	62.64	100.00	1.65
037	Greeley	002	F01	61	25	47	63	77	102.	132	141.	577	577.				
		003	F01	100	17	31	54.	76.	102	163	200	272	285.	89.	55.50	74.23	1.86
037	Larimer Co	001	F01	45	14	22	39	53	65	88	100.	129	129				
		002	F01	64	12	24.	35	56	68	85	120	150	150	56	29.13	49.15	1.73
037	Littleton	001	F01	90	19	47	75	92	113	151	176	198	198	96	37.83	88.16	1.55
037	Loveland	001	F01	93	18	46	62	88	121	175	223	411	411	102	63.45	86.59	1.78
037	Sterling	001	F01	69	29	46	62	79	108	155	177	299	299.	92	49.97	81.45	1.62
037	Weld Co	001	F01	92	9	42	72	81	113	149	181	508	508	95.	61.06	80.50	1.84
038	Arapohoe Co	001	F03	89	5.	19	28	35.	44	69	82.	107.	107.	39.	19.81	34.01	1.72
038	Canon City	001	F01	99	12	29	47	59	74	114	136	172.	172.	64.	33.19	56.29	1.70
038	Colorado Springs	003	F01	101	11	44	61	87	120	173	197	266	333.	100	55.69	85.37	1.82
038	Monitou Springs	001	F01	98	10	38	60	85	104.	130	169	235	235.	86	40.49	76.43	1.71
038	Pueblo	001	F01	90	29.	78	111	143	175	257	279.	483.	483	156	78.40	138.94	1.65
		003	F01	91	49	84	105	134	160.	217	236	407	407	143	59.15	132.19	1.48
038	Trinidad	001	F01	101	28	50	65	83.	103	146.	161	197.	289	92	41.89	83.48	1.53

**PARTICULATE, micrograms per cubic meter (25 C)
HI-VOL GRAVIMETRIC, 24 hours**

1969 Annual Report

Site location	Site No.	Ag/ proj	No obs.	Min. obs	Percentiles							Max obs	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std dev	Mean	Std dev
CONNECTICUT																
041	Groton	001	F01	12	39	42	50	53	86	103	106	106				
041	Mansfield	001	F01	3	21	21	21	34	45	45	45	45				
041	Norwich	001	F01	26	22	34	49	65	81	87	89	149	67	25 71	62 07	1 49
041	Putnam	002	F01	13	38	40	57	76	102	136	149	149				
042	Ansonia	001	F01	13	79	80	89	110	122	128	147	147				
		002	F01	4	105	105	105	105	126	145	145	145				
		003	F01	3	117	117	117	143	161	161	161	161				
042	Enfield	001	F01	7	14	14	59	63	79	129	129	129				
042	Hartford	001	A01	25	25	36	53	62	70	102	139	193	69	36 01	62 30	1 57
		003	F01	13	50	53	72	116	152	223	239	239				
		004	F01	8	29	29	77	82	153	184	184	184				
		005	F01	12	32	34	39	44	80	119	135	135				
042	Meriden	002	F01	6	41	41	72	84	124	194	194	194				
		003	F01	8	18	18	51	63	67	146	146	146				
		004	F01	5	43	43	61	99	110	203	203	203				
		005	F01	6	42	42	85	148	262	290	290	290				
042	Middletown	001	F01	13	35	37	43	62	74	106	143	143				
		003	F01	13	35	53	65	71	104	157	201	201				
042	Milford	001	F01	12	25	30	35	49	55	90	137	137				
		002	F01	10	34	34	59	64	79	121	138	138				
042	Naugatuck	001	F01	11	48	62	72	126	132	179	221	221				
042	New Britain	001	F01	27	15	45	70	80	99	125	144	152	84	31 82	76 93	1 60
		002	F01	13	54	61	71	89	164	213	245	245				
		003	F01	13	37	59	74	90	118	146	220	220				
		004	F01	13	23	30	36	53	58	80	134	134				
		005	F01	13	22	25	37	43	56	87	125	125				
042	New Haven	001	A01	26	30	49	63	88	107	166	167	207	95	42 82	85 89	1 57
		001	F01	146	17	42	62	86	118	163	193	235	96	49 54	84 38	1 71
		002	F01	56	23	38	63	76	97	137	182	231				
		003	F01	46	23	31	49	58	78	111	125	150				
		005	F01	57	8	35	48	65	82	111	123	157				
		006	H01	42	21	42	81	118	143	206	239	260				
042	Orange	003	F03	9	34	34	37	48	60	111	111	111				
042	Thomaston	003	F01	6	39	39	58	69	106	115	115	115				
042	Waterbury	001	A01	26	40	45	65	73	105	140	144	162	85	34 18	79 25	1 48
		001	F01	26	48	64	75	85	129	174	179	202	105	42 32	97 63	1 47
043	Bridgeport	001	A01	25	48	48	57	63	73	98	99	101	68	16 95	65 85	1 27
		001	F01	40	36	48	59	73	83	105	121	123	75	22 54	71 61	1 35
043	Danbury	001	F01	7	32	32	44	61	76	157	157	157				
043	Fairfield	002	F01	10	21	21	25	38	42	70	84	84				
043	Greenwich	001	F01	11	39	40	58	75	83	114	145	145				
		002	F01	12	25	36	42	59	75	84	156	156				
		003	F01	10	29	29	43	51	57	75	129	129				
		007	F01	9	25	25	33	38	57	64	64	64				
043	Norwalk	001	F01	13	32	38	43	50	64	85	107	107				
043	Stamford	001	F01	27	27	41	53	68	89	121	143	152	76	32 63	69 45	1 54
		004	F01	4	30	30	38	38	55	59	59	59				
043	Stratford	001	F01	12	24	35	42	49	62	145	175	175				
		002	F01	12	41	54	59	87	95	143	146	146				
044	Litchfield Co	001	F03	13	24	29	39	48	70	74	81	81				
044	Torrington	001	F01	11	34	54	58	74	111	130	144	144				
044	Winchester	001	F01	9	33	33	46	50	66	80	80	80				
DELAWARE																
045	Newark	001	A01	24	31	33	39	48	74	134	141	166				
		002	F01	55	17	32	54	72	89	112	122	358				
045	New Castle Co	001	F01	55	22	46	58	74	97	122	125	133				
		002	F01	46	25	39	51	68	89	109	116	178				
		003	F01	34	29	42	58	73	94	126	162	176				
		004	F01	47	19	36	48	62	75	92	99	103				
		005	F01	34	24	39	56	82	91	119	138	160				
		006	F01	50	17	26	45	59	72	92	98	100				
		007	F01	54	7	27	40	51	67	95	110	127				
		011	F01	25	3	19	42	57	70	87	110	117				
045	Wilmington	001	A01	24	31	88	96	102	127	236	250	262	127	58 91	114 66	1 60
		004	F01	47	23	61	125	180	221	274	367	508				
046	Kent Co	001	A03	22	18	27	32	46	56	69	86	87				

**PARTICULATE, micrograms per cubic meter (25 C)
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Site location	Site No	Ag/ proj.	No. obs	Min. obs.	Percentiles								Max obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99	Mean		Std dev.	Mean	Std dev.	
DISTRICT OF COLUMBIA																	
047 Washington	001	A01	26	38.	49.	59.	78	90	108	114.	120.	120.	77.	22.58	73.39	1.37	
	003	A10	124	41.	60.	85	105	133	178	228.	286.	289.					
FLORIDA																	
005 Panama City	002	F01	15	27	43.	59.	74	92	141	142.	142	142					
005 Pensacola	001	F01	5	70	70.	85.	86	98	137	137	137	137					
005 West Palm Beach	001	F01	20	21.	27	46	52	64	76	86.	101.	101					
048 Orlando	002	F01	24	36	41.	50.	54.	59	72	76.	82	82					
048 Titusville	001	F01	21	14.	20.	26.	31.	34	44.	45.	53	53					
049 Apalachicola	001	F01	21	24.	25	36.	39	54	63	63.	75	75					
049 Jacksonville	002	A01	24	31.	39.	63.	79	91	116	123	141	141.	81	27.86	75.51	1.48	
	050	F01	16	58.	65	82	92	104	127	129	129	129.					
049 Putnam Co	001	F01	20	26.	35.	43.	45.	63	78	82	89	89					
	002	F01	1	28.	28	28	28.	28	28	28	28	28					
050 Dade Co	002	G01	42	33.	48.	57	61	77	90	107	119	119.	67	19.23	64.92	1.32	
050 Miami	001	A01	26	17	47.	54	67	77	89	115	132	132.	69	23.33	64.68	1.47	
	002	A01	26	17	47	54	67.	77	89	115	132	132	69	23.33	64.68	1.47	
	002	F01	20	31	33	37	42	45	64	67	68	68.					
052 Bradenton	002	G02	20	11	18.	33	39	62	79	83	109.	109.					
052 Hardee Co	001	A03	24	12.	13.	19	22	27	37	39	58	58.	25	10.54	23.52	1.48	
	001	F01	20	15	16	23	25	32	40.	44	45	45					
052 Manatee Co	005	G02	17	21	21	28	33	41	60	69	69.	69					
	008	G02	18	19.	20	30.	38.	44	56	57	57.	57.					
052 St Petersburg	002	A01	26	20	26	30	33	40	55.	58.	69	69.	37	11.79	35.61	1.35	
	002	F01	20	28	30.	38.	46	57	63	74	78	78.					
052 Tampa	001	F01	19	45	47	66	75	86	125	186.	186.	186					
	002	A01	26	26	44	59	78	90	107	115	118.	118	76	24.90	71.40	1.49	
052 Winter Haven	001	F01	23	14	21	32	39	51	66	66	69	69.	41	15.31	38.52	1.50	
GEORGIA																	
002 Columbus	001	A01	24	30	32.	46	58	69	93	98	111	111	61	23.28	56.42	1.49	
	001	F01	28	24.	33.	50	54.	69	115	117.	129.	129	64	27.39	58.76	1.53	
049 Brunswick	001	F01	26	52	60.	80	91	108	160	189.	199	199	101.	38.23	94.92	1.42	
053 Augusta	001	F01	26	35	41	57	72.	90	155	175.	188	188	84	41.71	75.38	1.60	
054 Lyons	001	F01	25	14	19	30	43	55.	64.	71	74	74	41.	17.62	37.47	1.61	
054 Macon	001	F01	24	42	46	83.	95	106	160	174	204.	204	98	39.43	90.84	1.50	
055 Rome	001	F01	21	40	45	56	63	80	103	119	127	127.					
055 Rossville	001	F01	22	18	25	70	101	142.	182	187	305	305	108	68.66	85.51	2.17	
056 Atlanta	001	A01	26	22	52	64	77	95	145	147	166	166	85	33.47	78.40	1.54	
	001	G01	26	22	52	64	77	95	145	147	166	166	85	33.47	78.40	1.54	
057 Gainesville	001	F01	15	28	31	38	52	88	146	210	210	210					
058 Savannah	001	A01	25	31	41	62.	92	120	270	276	277	277	112	73.52	92.65	1.88	
	001	F01	29	34	44	68	106	124	277	296	426	426.	126	89.56	103.56	1.85	
059 Albany	001	F01	18	32	38	83	94	108	128	176	176.	176					
059 Valdosta	001	F01	23	43	51	76	94	125	138	141	163	163	98	33.65	91.57	1.46	
HAWAII																	
060 Hawaii Co	001	A05	7	1	1	1	1	3	5	5	5	5					
	002	A05	7	16	16	22	27	29	36	36	36	36.					
060 Honolulu	001	A01	26	18	30	33	35	46	69	75	80	80.	42	15.44	39.90	1.41	
IDAHO																	
061 Bannock Co	004	F02	27	25	43	109	126	141	224	231	249	249					
061 Butte Co	001	A03	24	1	3	7	8	13.	15.	21	22	22	10	5.39	8.30	2.00	
061 Idaho Falls	001	F01	8	86	86	169	178	206	535.	535	535.	535					
	002	F01	8	90	90	147	203	291	360	360	360	360					
	003	F01	8	53	53.	238	239	248	299	299	299	299					
061 Pocatello	001	F01	35	24	53	98	126	156	245	266	315	315					
	003	F01	4	103	103	132	132	277	368	368.	368	368					
063 Twin Falls	001	F01	142	7	61	105	126	165	237	274	332	379	139	69.49	119.58	1.83	
064 Boise City	001	A01	25	34	63.	82	93	100	168	182	310	310	105	55.09	94.57	1.55	
	002	F01	47	37.	59	83	116	140	166	185	224	224	112	43.43	103.54	1.53	
	003	F01	31	30	36	68	127	154	213	216	235	235					

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Site location	Site No	Ag/ proj	No. obs.	Min. obs.	Percentiles							Max. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
IDAHO - Cont.																
	004	F01	55	20.	60	88	121	152.	213	324.	420	420.	134.	79.69	115.22	1.76
ILLINOIS																
065 East Peoria	002	F01	18	34.	39.	81.	104.	133.	143	147.	147.	147.				
065 Pekin	001	F01	24	28.	33.	50.	66.	77.	259	276	353	353.				
065 Peoria	001	A01	26	53	79	109.	119	150.	229.	251	353	353	144	69.16	130.19	1.56
	003	F01	24	1.	39.	81	104.	154.	181.	217.	279.	279				
	004	F01	20	36.	63.	75.	101.	153	177.	220.	337.	337				
	005	F01	10	39	39.	71.	81	130.	151.	176.	176	176.				
066 Bloomington	001	F01	22	47	69	94.	103	120.	136	162.	166.	166				
066 Champaign	001	F01	19	24.	42.	72.	90	113	153.	195.	195.	195.				
067 Addison	001	F01	25	39	58	82.	112.	145	192	195.	200.	200.				
067 Aurora	001	F01	23	53.	73	103.	119.	147.	186	198.	212	212.				
067 Blue Island	001	G01	120	4	41	66	98.	129.	214	311	387.	427.	119.	82.39	93.50	2.13
067 Bradley	001	F01	23	25.	42.	69	88.	118	141.	172	224	224.				
067 Calumet City	001	G01	98	6	51	91	115.	149	213.	273	386.	386	127	68.94	108.54	1.89
067 Chicago	001	A01	26	46	76	115.	137.	178	227	231.	245	245	145	52.02	134.84	1.49
	002	A10	168	16	118.	152.	194	225.	279	336.	407.	456	199	70.07	186.33	1.48
	003	H01	116	25	42	64	85.	118.	163.	206	284.	316.	98.	53.46	85.67	1.68
	004	H01	122	14	62	89.	109	161.	210.	262	366	517	129	71.18	113.59	1.68
	005	H01	127	41.	82.	119.	147.	189	245	267.	342	346.	158	63.92	145.07	1.53
	006	H01	107	35	59	89	118	164.	231	260.	408.	463.	137	75.54	120.06	1.68
	007	H01	96	27	69	89.	110	142	182	221	265.	265				
	008	H01	118	27	74.	123.	170.	198	286.	313	365	383	173	76.35	155.36	1.65
	009	H01	121	32	56	76	98	116	168	221.	324	358.	108	56.79	96.48	1.60
	010	H01	124	37	58.	81	108.	134.	201	240	369.	370	121.	63.59	107.09	1.63
	011	H01	121	32	50.	74.	99.	128.	187	239	369	478.	114	68.70	99.00	1.70
	012	H01	117	35	82	116	154.	205	288.	321	417.	523.	169	83.86	150.73	1.64
	013	H01	117	32.	70.	112.	147	193	243.	294	333	384	157	69.04	141.36	1.61
	014	H01	107	19	62	87	123	152.	215	247	263	296	126	58.43	112.85	1.65
	015	H01	126	28	71.	98.	119.	159.	204	256.	304	364	135.	58.29	123.07	1.54
	016	H01	120	41.	70	94.	114.	135	186	216	260.	299.	121	47.91	112.73	1.47
	017	H01	124	27	59	86	115.	145	250.	289	355.	431	134	77.09	115.80	1.72
	018	H01	116	49	80	108	136	174.	238	321	442.	464.	153.	76.80	137.91	1.57
	019	H01	119	11	60	98	117.	149.	208	252	381	411	131.	67.07	115.91	1.69
	020	H01	118	28.	53	75.	94.	122	173	213	248.	282	106.	48.95	95.56	1.57
	021	H01	120	43	65	90	119	142	177	209	297	317	122	52.19	112.11	1.53
	022	H01	63	54	126.	174	225	287	415.	443	593.	593.				
067 Chicago Heights	001	G01	131	11	41	63	85	116	184.	254	556	711	108.	93.52	86.16	1.91
067 Cicero	001	G01	118	15	62	107	138	172.	230	253	315	501	144	68.16	127.14	1.72
067 Cook Co	001	G01	113	23	63	92.	122	160	227	286	406	490	140	78.89	121.35	1.71
	002	H01	119	36	72	115	146	173	260.	286	372	561				
	015	H01	123	7	60	92	113	134	183	214	247	307				
067 Crete	001	G01	7	27	27	57	83	90	110	110	110	110				
067 Elgin	001	F01	25	22.	48	77.	96.	130	159	159	187	187.				
067 Elmhurst	001	F01	25	61	75.	100.	134	157	193	196	204.	204.				
067 Flossmoor	001	G01	135	6	37	56	78	97	151	203	249	257	88	52.04	74.17	1.84
067 Franklin Park	001	G01	115	16	37	56	72	105.	144	173.	218	340	86.	48.30	74.79	1.71
067 Horvey	001	G01	108	3	49	73.	92.	119	184	231	282	394	105	60.03	87.84	1.96
067 Hillside	001	G01	138	13	36	60.	81.	107	159	188	251	350	91	51.90	77.31	1.81
067 Joliet	001	A01	23	46	68.	93	121	137	208	244	300	300	130	61.23	117.70	1.58
	001	G01	26	46	68	93	120	137	237	244.	300	300	131	62.76	117.74	1.59
	002	G01	3	67	67	67.	70.	97	97.	97	97	97				
	003	G01	7	68.	68	76.	101	195	272	272	272	272				
	004	G01	4	63	63.	81	81	90.	224	224	224	224				
	006	G01	7	40	40	55	171	218	352	352	352	352				
067 Lake Co	001	F01	23	10	39	51	67	79	108	218	270	270				
067 Lake Bluff	001	F01	23	21	29	53	61.	69	98	146	149	149				
067 Lockport	002	G01	5	56	56	61.	94	123	136	136.	136	136				
067 Midlothian	001	G01	129	11.	44	70	85	122	180	215	345	566	105	71.83	88.42	1.80
067 Morton Grove	001	H01	66	18.	37	62	87	114	168	207	323	323				
067 Niles	001	G01	108	15	34	52	63	90	139	160	221	249.	77	43.57	67.01	1.73
067 North Chicago	002	A01	26	22	32	76	98	113	191	193	208	208	98	48.93	84.36	1.81
	002	F01	37	22.	38	77	99	107	191	208	314	314	103	56.07	89.63	1.74
067 Orland Park	001	G01	124	5	31	54	76	100	168	202	305	333	90	61.25	72.40	2.01
067 Palatine	001	G01	104	10	29	49	72	103	164.	187	207	226.	84.	50.90	69.14	1.93
067 River Forest	001	G01	92	12	48.	71	85	129.	186	239	410	410	108	64.95	92.70	1.75
067 Skokie	001	F01	2	45.	45.	45.	45	46	46	46	46	46				

**PARTICULATE, micrograms per cubic meter (25 C)
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					10	30	50	70	90	95		99	Mean	Std. dev.	Mean	Std. dev.
ILLINOIS — Cont.																
	003	F01	45	1.	39.	63.	101.	129.	210.	237.	387.	387.				
	004	F01	23	33.	54.	85.	107.	142.	187.	200.	318.	318.				
067	001	F01	24	29.	57.	84.	103.	119.	214.	222.	278.	278.				
067	002	F01	24	32.	41.	49.	70.	106.	168.	169.	285.	285.				
067	005	G01	3	26.	26.	26.	47.	52.	52.	52.	52.	52.				
067	001	G01	127	17.	28.	47.	61.	85.	137.	144.	169.	192.	72.	39.45	61.46	1.78
067	001	F01	20	24.	36.	49.	68.	88.	141.	143.	146.	146.				
069	001	F01	9	69.	69.	90.	113.	153.	192.	192.	192.	192.				
069	002	F01	22	25.	79.	102.	121.	148.	211.	228.	461.	461.	141.	87.55	121.42	1.77
069	001	F01	18	28.	39.	53.	67.	91.	112.	132.	132.	132.				
070	003	F01	20	66.	69.	91.	98.	131.	162.	166.	235.	235.				
070	001	A01	25	29.	77.	102.	124.	141.	186.	201.	209.	209.	121.	43.22	111.51	1.57
	001	F01	47	29.	77.	106.	125.	145.	200.	209.	331.	331.	132.	52.71	121.30	1.54
070	002	F01	24	38.	79.	128.	136.	166.	220.	246.	292.	292.				
	005	F01	12	100.	114.	155.	214.	341.	406.	515.	515.	515.				
	007	F01	14	48.	52.	66.	94.	109.	147.	297.	297.	297.				
	009	F01	14	149.	161.	202.	208.	311.	390.	533.	533.	533.				
	010	F01	24	89.	152.	224.	267.	346.	461.	529.	686.	686.	298.	132.85	271.07	1.58
070	003	F01	17	22.	29.	45.	56.	80.	122.	147.	147.	147.				
070	006	F01	24	45.	90.	97.	113.	204.	269.	322.	382.	382.				
	007	F01	23	72.	78.	100.	134.	205.	281.	305.	322.	322.				
071	001	F01	24	36.	40.	60.	80.	106.	150.	163.	203.	203.				
071	005	F01	22	63.	84.	106.	147.	264.	326.	417.	489.	489.				
073	001	F01	16	30.	31.	44.	85.	100.	116.	141.	141.	141.				
073	001	A01	24	24.	39.	62.	77.	100.	167.	181.	207.	207.	88.	46.61	77.39	1.70
	001	F01	35	24.	45.	70.	95.	105.	139.	181.	207.	207.	92.	40.45	82.98	1.60
	006	F01	25	39.	46.	74.	84.	101.	116.	137.	143.	143.				
075	001	F01	11	60.	68.	82.	98.	111.	126.	153.	153.	153.				
075	001	A01	25	33.	42.	67.	81.	99.	110.	122.	123.	123.	81.	26.56	76.06	1.46
	002	F01	21	60.	69.	80.	126.	148.	157.	164.	226.	226.				
INDIANA																
067	001	G01	23	17.	20	32.	54.	71.	122.	170.	204.	204.				
067	001	A01	25	77.	86.	146	170.	200.	344.	353.	400.	400.	187.	86.75	169.52	1.58
	001	H02	52	79.	96.	132.	179.	244.	329.	384.	598.	598.	203.	108.21	179.97	1.64
	003	H02	50	62	84.	113.	169.	217.	321.	373.	414.	414.	182.	89.91	161.34	1.65
	004	H02	49	45.	69	115	138.	157.	234.	284.	488.	488.	152.	79.32	135.83	1.60
	006	H02	51	58.	69.	85.	108	137.	195.	228.	242.	242.	120.	49.69	111.45	1.48
067	001	A01	23	30.	60.	95.	114.	160.	241.	324.	504.	504.	144.	102.68	119.27	1.87
	001	H01	23	30.	60	95.	114.	160.	241.	324.	504.	504.	144.	102.68	119.27	1.87
	002	H01	41	25.	65.	93.	123	161.	261.	313.	423.	423.	143.	87.21	120.78	1.84
	003	H01	41	26	43.	70.	103.	134.	259.	316.	383.	383.	131.	92.62	104.95	1.97
	004	H01	40	40.	84	127	159	201.	266.	314.	334.	334.	169.	72.51	151.92	1.63
	005	H01	38	18.	34	52.	68.	85.	127.	228.	288.	288.	78.	52.29	66.69	1.74
	008	H01	43	18.	36.	53.	67.	104.	132.	169	191.	191.	81.	42.59	70.50	1.71
	009	H01	32	29.	77.	86	105.	159.	192.	195.	351.	351.				
067	001	A01	26	15.	55.	76.	103.	142.	276.	372.	385.	385.	129.	90.39	105.31	1.95
	001	F01	55	15.	56.	88.	117.	142	272.	308	377.	377.	134.	77.32	114.78	1.77
	002	H01	51	42.	72.	100.	124.	149.	224.	263.	397.	397.	136.	67.53	122.08	1.61
067	008	G01	44	23	40.	60.	78.	133.	168.	180.	221.	221.				
	009	G01	42	8.	33	51	66.	76.	112.	122.	125.	125.				
	010	G01	26	29.	37.	63.	74	87.	96.	145.	157.	157.				
067	002	G01	47	17.	30.	40	66.	87	115.	124.	143.	143.				
076	001	F01	13	54.	56.	65.	76	112.	152.	237.	237.	237.				
076	001	F01	12	40.	50.	76.	84.	128	144.	153.	153.	153.				
076	001	A01	12	43	49.	68	83.	86.	97.	179	179.	179.				
076	001	F01	26	37.	56	67.	83.	111.	150	198.	263.	263.	96.	50.04	85.96	1.57
077	001	A01	26	31	56.	71.	90.	105.	150.	152.	210.	210.	95.	37.70	88.53	1.49
	001	F01	26	1.	1.	53.	78.	106	119.	119.	140.	140.	74.	40.60	37.55	6.71
078	001	A01	25	37.	49	67.	81	94.	116	142.	153.	153.	83.	29.58	77.62	1.44
	002	A01	23	41.	61.	80.	107.	140.	190.	194.	221.	221.	116.	50.71	105.39	1.58
079	001	F01	12	7.	49	72	78.	116.	133.	142.	142.	142.				
080	001	A01	25	38.	48.	88.	118	143.	168	183.	224.	224.	118.	46.83	107.69	1.59
	001	H01	143	26	62	91.	107.	127.	156.	168	224.	279.	110.	37.93	102.94	1.45
	002	H01	271	32.	51	72.	85	102.	140.	161.	223.	241.	92.	36.65	86.03	1.46
	003	H01	150	23	53.	77.	95.	117.	161	197.	270	303.	104.	47.56	94.33	1.56
	004	H01	241	11	33.	49.	64.	83.	120	131.	156	165.	70.	32.42	62.43	1.64
	005	H01	240	14.	32	50	65.	84.	120.	142.	168.	224	72.	34.94	64.17	1.63

**PARTICULATE, micrograms per cubic meter (25 C)
HI-VOL GRAVIMETRIC, 24 hours**

1969 Annual Report

Site location	Site No.	Ag/proj.	No. obs.	Min obs	Percentiles							Max. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std dev	Meon	Std. dev.
INDIANA - Cont.																
	006	H01	125	18	50	60	75	86	121.	140.	209.	212.	79.	32.24	73.83	1.47
	007	H01	23	37.	52	90.	111	130.	159	183.	183.	183.	106.	40.05	97.79	1.54
	008	H01	23	41	50	76.	95	109.	188	195	208.	208.	101.	44.78	92.76	1.53
	009	H01	280	27.	55.	81.	97.	115	149.	168	248.	273.	102	39.71	95.09	1.46
	010	H01	139	38.	59.	87.	101.	132.	179.	221.	310.	313.	116.	51.85	106.54	1.52
	011	H01	235	25.	62.	77.	90.	113.	158	175.	241	298.	100.	40.78	93.05	1.47
	012	H01	21	20.	28	62	74	92.	123.	136	175	175.				
	013	H01	21	24.	42.	62	79.	91	115.	133.	141.	141				
	014	H01	14	17.	42	48.	62.	101	154.	159.	159.	159				
	015	H01	143	13	39	61.	84	109.	168	210.	264.	309.				
	016	H01	128	34.	48.	74.	89	118.	162.	183	229	254				
	017	H01	128	22	52	77	90.	120.	158.	169	231.	295.				
	019	H01	2	25.	25	25.	25.	72.	72	72	72.	72.				
	021	F01	26	28	70	88.	118	141.	177	183	198.	198.	117.	42.35	108.25	1.54
081 Fort Wayne	001	A01	25	39.	46.	63	81.	103	128	158.	178	178.	87.	34.77	80.53	1.48
	001	F01	25	39	46.	63.	81.	103.	128.	158	178	178	87	34.77	80.53	1.48
082 Elkhart	001	F01	20	24.	25.	58.	78.	89.	117	126.	167.	167				
082 La Porte	001	F01	12	27	27.	40.	50	70.	92.	113.	113.	113.				
082 Mishawaka	005	F01	22	36.	42	52.	61	78.	100.	120	122.	122.				
082 South Bend	002	A01	25	25	35	54.	70.	114	150.	172	174	174.	83.	44.05	71.99	1.72
083 Bloomington	001	F01	25	37.	41.	54.	64	75.	122	125.	132	132	71.	28.15	66.19	1.44
083 Monroe Co	001	A03	24	19.	22.	31.	37.	51	57.	68.	119.	119	42	20.96	38.71	1.53
084 Kokomo	001	F01	24	25	32	49.	61.	73	109.	128	132.	132.	67.	29.89	61.24	1.57
084 Lafayette	001	F01	24	39	48	66.	76.	102	152.	163	235.	235.				
084 Parke Co	001	A03	23	21.	25.	27.	39	60.	71.	81.	92	92.	44.	20.86	39.93	1.56
	001	F01	23	21	25	27.	39.	60.	71	81	92	92.	44	20.86	39.93	1.56
084 Terre Haute	001	A01	23	50	52	71.	100.	112.	155	162	179.	179	99	36.45	92.19	1.46
	009	G01	23	50.	52	71	100	112.	155.	162	179	179	99	36.45	92.19	1.46
084 Vincennes	001	F01	21	31	42.	65	90.	94.	114.	116.	150	150.				
IOWA																
068 Dubuque	001	A01	24	46	68	85	112	154.	321	363	1093	1093.	179	211.87	130.44	2.03
	001	F01	24	46	68.	85.	112.	154.	321	363	1000.	1000	175.	194.56	129.95	2.00
	002	A01	23	32	37	52.	67	91	111	124	268.	268	79.	48.85	69.53	1.63
069 Davenport	001	A01	26	54	78.	116.	151	233	263.	288.	319	319	170.	77.95	151.57	1.67
	009	F01	1	52.	52	52	52	52	52	52	52	52				
085 Council Bluffs	001	F01	1	53.	53	53	53	53	53.	53.	53.	53.				
	016	F01	2	45	45	45	45	64	64	64	64	64				
086 Sioux City	001	F01	1	58	58.	58	58	58.	58.	58	58	58				
088 Cedar Rapids	001	A01	18	58	71	117	139	223	319.	360	360	360.				
088 Waterloo	003	F01	2	49	49	49	49.	125.	125	125.	125	125				
092 Des Moines	001	A01	25	40.	46.	67.	89.	132	182.	201	214.	214	103.	51.82	91.44	1.67
	001	G01	42	1	48.	75	120.	155	201.	235.	257	257.	120.	62.22	97.15	2.44
	002	G01	19	63	63	145	154	192	256	329.	329	329				
	003	G01	21	25	30	73	85	94	117.	146.	149.	149				
092 Polk Co	019	G01	4	68	68	99	99.	123	153	153	153	153.				
092 West De Moines	003	G01	19	20.	30	85.	110.	140	155	231	231	231				
	004	G01	4	67	67.	99	99	123	152	152.	152	152.				
KANSAS																
094 Kansas City	002	A01	25	49	58	87	121.	158	387	397.	472	472.	160.	115.63	130.60	1.87
	002	H01	58	49	65.	89	121	156.	210	387	472	472.	141	83.84	123.31	1.64
	004	H01	55	27	39	63	73	101.	116.	147	175.	175.	83.	34.05	75.72	1.54
	007	H01	56	14	45	60	68.	83	109.	119	222	222.	74	30.81	68.51	1.51
	008	H01	55	29.	99	157.	215.	265	346	404	418	418	221	92.14	198.75	1.66
	009	H01	55	30.	66.	80	97	118	159	195.	328	328.	109.	50.50	99.64	1.51
094 Wyandotte Co	008	H01	14	7.	15.	23	29	43	59.	84	84	84				
095 Atchison	001	F01	28	38.	56.	114	138.	177	246.	369	385	385.				
095 Lawrence	001	F01	35	32	45	70	96.	136	169.	203.	211	211				
095 Topeka	001	A01	26	13	23	53	68	78.	99	102	105	105.	65.	25.28	58.26	1.70
	004	F01	25	18.	32	85	112	129.	200	220	336.	336.				
096 Junction City	001	F01	30	29.	46.	58	73	92.	113.	115	143	143				
096 Mc Pherson	001	F01	31	26	37	50	59	72.	113.	121.	122	122.				
096 Manhattan	001	F01	29	41	47	62.	82	111.	154.	177	377	377.				
096 Salina	001	F01	21	46	51	65.	79	84.	96.	114	132	132				
097 Goodland	001	F01	35	12.	28.	87	115	148	223.	240	312.	312				

**PARTICULATE, micrograms per cubic meter (25 C)
HI-VOL GRAVIMETRIC, 24 hours**

1969 Annual Report

Site location	Site No.	Ag/ proj.	No obs.	Min obs.	Percentiles							Max obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
KANSAS — Cont.																
097 Great Bend	001	F01	35	17	22.	32	40	48	64	67	95	95				
097 Hays	001	F01	6	52	52.	52.	61	68	79	79.	79.	79				
098 Coffeyville	001	F01	32	13.	27.	43	55.	70	92.	107	113.	113.				
098 Pittsburg	001	F01	22	12	26	30.	39	55	70	71	97.	97				
099 Arkansas Crty	001	F01	33	1.	23	41	54.	75.	129	160	164	164				
099 El Dorado	001	F01	36	9.	28	51	60	74	104	162.	233	233				
099 Hutchinson	001	F01	28	36.	48.	63.	78	93	156	157	158	158.				
099 Newton	001	F01	31	8	29	40.	50.	68	88.	101.	127	127				
099 Wichita	001	A01	26	20.	27.	43.	62.	84	122	135	136	136.	67	32.42	59.67	1.67
	001	F01	26	20.	27	43.	62	84.	122	135.	136.	136.	67.	32.42	59.67	1.67
	004	F01	28	34	67	89.	101	197	323	386	407.	407				
	005	F01	28	3	32.	80	131	250	516.	572	734	734				
100 Dodge City	001	F01	32	14.	19	37	45.	66	95	4571.	7672	7672.				
100 Garden City	001	F01	36	29.	49.	77.	99.	128.	182	209.	218.	218.				
KENTUCKY																
072 Hickmon Co	001	F01	10	24.	24	43.	47.	57.	68	83.	83.	83				
072 Madisonville	001	F01	9	33.	33	51.	85.	96.	100.	100	100	100				
	002	F01	42	26	37	50	66.	92	196.	231	238	238.				
072 Marshall Co	002	F01	19	22	41.	50.	74.	121	205	284	284.	284				
	003	F02	11	43.	43.	68.	76.	103.	184	739.	739.	739				
	004	F01	3	26	26.	26.	64.	119	119	119.	119	119				
	005	F01	10	30.	30.	43.	76.	98	181.	239	239	239				
	007	F02	26	24	36	45.	61.	75.	123.	137.	155.	155.				
	008	F01	20	30	31	63.	80.	88	140	155.	156	156				
072 Poducah	001	F01	17	39	47.	65.	92.	102	179	578.	578	578.				
	002	F01	24	41.	47.	59.	66.	76	134	141	234	234.				
	003	F01	24	34	43	67.	86	90	198	315.	352.	352.				
	004	F01	22	23.	42	57	73	104	139	166.	187.	187				
	005	F03	21	26	34.	47	55	73	99	120.	142	142.				
	006	F01	13	27	39	60	63.	117.	128.	204.	204	204.				
	016	F01	1	76	76	76	76.	76.	76	76	76	76.				
	018	F01	21	68	72	87	97.	115	157.	162.	723.	723.				
077 Henderson	002	F01	51	27	60.	78.	102.	134	194	214.	381	381.	115	62.70	101.56	1.64
077 Owensboro	001	F01	44	37	62	85	99	133.	213.	272.	402.	402.	127	72.43	111.21	1.66
078 Louisville	001	A01	25	51	69.	91.	120.	156.	194.	220.	244.	244.	127.	51.46	117.68	1.51
	002	F01	53	20	68.	85	98.	117	157.	191.	250	250.	107	39.05	99.87	1.46
079 Covington	001	A01	26	39	54	74	93	119	172.	176	202	202.	100	41.07	92.66	1.50
101 Corbin	001	F01	31	25	33	37	43.	56	81.	86	97	97.				
101 London	001	F01	29	21.	30	38	47.	69	113.	116.	133	133.				
101 Middlesborough	001	F01	7	49	49	88.	97	194.	280.	280	280	280				
102 Frankfort	002	F01	51	18	27.	40	45	55	86	97	112	112.	50	21.24	46.04	1.52
102 Lexington	001	A01	24	26	41	45	68	101	137.	139	234.	234.				
	003	F01	51	17	35	49	57.	73	99	106	133	133.				
103 Ashland	002	A01	24	43	78	110	136.	228	321.	386	429	429	182	106.39	153.02	1.85
	003	F01	51	35	48	81	115	150	209	624.	697	697.	147.	139.75	113.71	1.95
	005	F01	50	24	33	63	96.	133.	183.	364	382	382.	112.	80.91	90.57	1.94
	006	F01	51	21	28	53.	65	90	167	207	320	320.	84.	63.99	67.82	1.92
103 Maysville	001	F01	42	27	39	51	63	78	100.	110.	123	123.	66.	24.49	61.99	1.46
104 Elizabethtown	001	F01	39	25	40.	61	75	90	146.	217	362.	362.				
105 Bowling Green	001	A01	3	5	5	5	26.	62	62.	62	62	62.				
LOUISIANA																
022 Shreveport	001	A01	25	28.	33	49	65.	76.	104.	122.	150	150.	69	28.92	63.87	1.53
	001	G01	25	28	33	49	65.	76.	104.	122.	150.	150.	69.	28.92	63.87	1.53
106 Baton Rouge	001	A01	22	30.	40.	50.	69	100.	109.	140	179.	179.	78	36.68	70.04	1.59
	001	H01	22	30	40.	50.	69	100	109.	140	179.	179.	78.	36.68	70.04	1.59
106 New Orleans	002	A01	25	38	45.	59	76.	82	96	118	180	180.	75	28.85	71.14	1.40
	002	F01	25	38	45	59	76.	82.	96.	118.	180.	180.	75	28.85	71.14	1.40
MAINE																
109 Acadia Nat Park	001	A03	26	5	10	13	15.	26.	38	41.	42	42	21.	10.77	18.12	1.71
110 Portland	002	A01	5	66	66	148	152	155	265	265	265.	265.				

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HI-VOL GRAVIMETRIC, 24 hours**

1969 Annual Report

Site location	Site No.	Ag/ proj	No. obs.	Min. obs	Percentiles							Max obs	Arithmetic		Geometric		
					10	30	50	70	90	95	99		Mean	Std dev	Mean	Std. dev	
MARYLAND																	
047	Bethesda	001	G01	15	1.	1	1	1	1	1	1	1	1				
047	Cheverly	002	G01	70	16.	44	60	75	92	127	142	195	195				
047	Gothersburg	003	G01	15	1.	1	1	1	1	1	1	1	1				
047	Hyattsville	001	G01	67	35	48	71	85	99	137.	158	188	188				
047	Montgomery Co	011	G01	15	1.	1	1	1	1	1	1	1	1				
047	Prince Georges Co	001	G01	59	8	24.	40	53	66	83	100	106	106				
		002	G01	29	21.	29.	44	58	95	157	159	375	375				
		003	G01	13	19	19	28	34.	43	54	61	61	61				
		004	G01	11	35.	41	47	48	74	85	87	87	87				
		006	G01	70	28	36.	50	64	84	119	126	143	143				
		007	G01	46	22	29	47	57	80	106	126	174	174				
		008	G01	29	25	29	39	55	69	93	106	114	114				
		009	G01	37	16	23	34	42	53	95	111	116	116				
		010	G01	67	20	40.	65	88.	114.	143.	163	219	219.				
		011	G01	26	18	26	43	56.	69	87.	106	117	117				
		012	G01	68	20	28	44	51	64	84	88	119	119				
		013	G01	27	28	31	47	63.	72	95	108	233	233				
		014	G01	67	15	23	37	48.	56	76	87	100	100				
		016	G01	12	32	34	43	52.	67	70	76	76	76				
047	Silver Spring	001	G01	15	1	1	1	1.	1	1	1	1	1				
115	Baltimore	001	A01	23	45	75	92	111	126.	192	218.	265	265	118	49 27	109 55	1 47
		001	H01	23	45.	75	92	111.	126	192	218	265	265	118	49 27	109 55	1 47
116	Calvert Co	001	A03	26	20	23	32	39	48	69	76	103	103	43	18 96	39 64	1 51
MASSACHUSETTS																	
042	Chicopee	001	F01	228	18	49	66	85	109	154	165	196	237	93	39.89	85 01	1 56
042	Holyoke	001	I01	206	21	39	54	67	98	144	163	204	214	82	41 69	72 47	1 65
		004	F01	202	21	39	53	67	98	144	163	204	214	82	42 14	72 08	1 67
042	Springfield	001	A01	26	31	32	46	53	72	93	115	123	123	61	24 33	56 45	1 47
		002	F01	26	31	32	46	53	72	93	115	123	123	61	24 33	56 45	1 47
		003	A01	26	31	32	46	53	72	93	115	123	123	61	24 33	56 45	1 47
		003	F01	218	31	59	83	103	132	191	208	261	352	116	51 66	105 37	1 54
118	Worcester	001	A01	26	38	48	64	78	118	178	211	225	225	99	51 23	87 82	1 64
		001	F01	26	38	48	64	78	118	178	211	225	225	99	51 23	87 82	1 64
119	Boston	001	A01	24	39	54	68	84	105	138	167	191	191	92	37 72	85 35	1 60
		001	F01	25	39	54	68	84	112	167	191.	275	275	100	51 92	89 43	1 58
		002	F01	9	3	3	6	138	231	555	555	555	555				
119	Cambridge	001	A01	14	23	31	45	50	57	78	81	81	81				
120	Fall River	002	A01	25	25.	32	50	57	68	86	88	94	94	58	18 79	55 16	1 42
120	New Bedford	001	A01	21	28	30	34	40	53	70	102	189	189				
121	Lawrence	001	F01	2	29	29	29	29	43	43	43	43	43				
MICHIGAN																	
082	Benton Horbor	001	F01	23	16	34	56	66	91	138	145	152	152	77	40 16	66 31	1 85
122	Flint	001	A01	23	42	46	60	75	90	152.	178	259	259	90	51 04	80 12	1 59
		002	F01	19	52	56	68.	78	111	176	220	220.	220				
		003	F01	20	33	51	62	95	117	139	148	202	202				
		004	F01	20	34	45	58	73	91	118	132	164	164				
		005	F01	19	25	37	56	75	89	128	139	139	139				
		006	F01	20	56	66	86	170	244	414	542	600	600				
		007	F01	19	40	44	60	77	100	138	142	142	142				
		008	F01	19	42	47	70	78	102	290	352	352	352				
122	Grand Rapids	001	A01	26	25	41	52	76	111	212	252	314	314	98	71 10	79 68	1 87
		002	F01	24	37	44	58	68	107	181	235	501	501	105	96 75	84 18	1 84
		005	F01	25	37	42	52	64	93	149	195	200	200	80	44 25	70 94	1 60
		006	F01	27	25	43	62	85	121	235	246	270	270	103.	63 47	86 87	1 80
		007	F01	26	32	57	77	114	125	217	232	250	250	116	57 29	103 58	1 64
		010	F01	25	22	33	44	55	73	143	155	166	166	68	38 14	59 31	1 67
		011	F01	25	29	56	79	108	129	186	248	326	326	121	67 94	105 39	1 72
		015	F01	24	21	26	37	50	62	113	139	208	208	62	42 58	52 45	1 77
		018	F01	25	10	19	29	41	54	103	108	146	146	51	33 92	42 11	1 92
		019	H01	22	12	19	27	32	53	102	129	134	134				
122	Muskegan	001	F01	24	17	32	54	68	107	126	134	207	207	82	44 44	69 82	1 88
		010	F01	23	25.	43	62	94	117.	135	184	185	185	95	42 76	84 76	1 66
		011	F01	24	24	32	72	94	148	222	269	279	279	117	75 44	93 64	2 06
122	Saginaw	001	A01	26	21	33	58	67	89	125	131	139	139	73	30 38	66 14	1 58

**PARTICULATE, micrograms per cubic meter (25 C)
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Site location	Site No	Ag/ proj.	No obs.	Min obs.	Percentiles								Max. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99	Mean		Std. dev.	Mean	Std. dev.	
MICHIGAN — Cont.																	
123 Dearborn	001	F01	26	21	33	58	67	89	125	131	139	139	73	30.38	66.14	1.58	
	001	A01	25	32	52	78	96	139	198	210	219	219	109	53.39	97.15	1.67	
123 Detroit	001	F01	25	32	52	78	96	139	198	210	219	219	109	53.39	97.15	1.67	
	001	A01	25	57	67	84	106	155	239	241	301	301	129	64.87	115.68	1.59	
123 Marine City	001	F01	25	57	67	84	106	155	239	241	301	301	129	64.87	115.68	1.59	
123 Mount Clemens	001	F01	23	16	42	61	69	84	99	129	134	134					
123 Pontiac	001	F01	26	21	23	51	64	86	141	155	172	172	73	38.97	63.20	1.76	
123 Port Huron	001	F01	25	20	27	44	68	81	123	136	140	140	71	34.32	62.62	1.70	
	002	F01	23	54	60	90	112	132	234	242	244	244					
	003	F01	20	42	44	63	100	110	124	158	196	196					
	004	F01	21	12	20	28	43	63	79	91	143	143					
123 Royal Oak	001	F01	26	26	41	64	75	108	160	179	315	315	97	59.96	83.74	1.72	
123 St Clair	002	F01	21	36	43	56	65	92	105	108	142	142					
123 Southfield	001	F01	25	33	40	64	76	105	160	175	227	227	89	47.83	77.90	1.68	
123 Trenton	001	A01	23	38	65	84	96	112	151	158	158	158	101	32.78	95.43	1.42	
	001	F01	23	38	65	84	96	112	151	158	158	158	101	32.78	95.43	1.42	
123 Warren	001	F01	23	33	55	62	90	106	196	228	317	317					
125 Ann Arbor	002	F01	19	49	51	76	95	107	169	199	199	199					
125 Jockson	001	F01	24	21	28	39	53	67	103	108	137	137	59	30.20	52.24	1.66	
125 Kalamazoo	002	F01	26	34	36	47	81	88	164	201	272	272	86	55.17	73.38	1.72	
125 Lansing	001	A01	26	29	42	50	68	84	127	162	177	177	76	37.11	68.69	1.57	
	001	F01	26	29	42	50	68	84	127	162	177	177	76	37.11	68.69	1.57	
126 Chorlevoix	003	F01	13	5	10	13	21	25	38	43	43	43					
	005	F01	12	9	11	19	27	37	68	86	86	86					
126 Marquette	001	F01	26	20	27	38	47	75	109	121	123	123	58	30.57	50.65	1.68	
126 Sault Ste Marie	002	F01	23	6	11	26	38	57	69	70	83	83	38	21.90	31.44	2.03	
MINNESOTA																	
127 St Cloud	001	H01	112	8	34	54	66	91	131	146	159	190					
128 Faribault	001	F01	48	6	26	52	63	87	173	189	231	231					
128 Mankato	001	F01	47	28	42	56	66	83	99	128	157	157					
128 Rochester	001	G01	120	9	33	66	87	120	166	186	252	301					
128 Winona	002	F01	29	8	28	54	58	72	121	123	141	141					
129 Duluth	001	A01	25	22	26	52	69	82	136	250	262	262	81	61.97	64.84	1.98	
	002	G01	122	7	24	40	61	97	172	216	284	359					
	003	G01	123	1	34	59	91	118	181	235	351	353					
	004	G01	119	8	41	86	115	158	224	270	348	357					
	005	G01	124	22	71	115	152	211	276	311	371	444					
	006	G01	121	12	39	58	84	105	134	185	213	219					
	008	G01	1	32	32	32	32	32	32	32	32	32					
	009	G01	1	6	6	6	6	6	6	6	6	6					
	010	G01	1	19	19	19	19	19	19	19	19	19					
	011	G01	1	39	39	39	39	39	39	39	39	39					
	012	G01	1	19	19	19	19	19	19	19	19	19					
	013	A01	101	1	24	49	66	97	139	169	233	253					
	014	F01	6	27	27	34	37	69	72	72	72	72					
	129 Grand Rapids	001	F01	5	23	23	38	43	69	78	78	78	78				
001		A01	90	2	19	52	72	97	186	214	331	331					
129 St Louis Co	003	G01	123	2	9	18	27	38	81	102	115	117					
129 Silver Boy	006	F02	29	6	9	13	23	44	104	170	197	197					
	008	J02	17	5	9	14	24	45	126	137	137	137					
129 Virginia	001	G01	51	5	29	41	53	76	105	132	145	145					
130 Moorhead	001	A01	25	18	41	48	56	84	111	114	133	133	68	30.30	61.85	1.61	
	003	A01	61	18	37	63	91	111	170	215	359	359					
	005	F01	32	3	35	48	72	111	142	343	493	493					
131 Hastings	001	A01	25	30	44	56	72	91	98	156	161	161	76	31.51	70.08	1.48	
	001	F01	93	18	37	51	65	80	98	129	161	161	68	27.96	62.97	1.49	
	022	H01	3	43	43	43	47	87	87	87	87	87					
	028	A01	7	30	30	67	72	91	92	92	92	92					
131 St Paul	001	A01	25	33	40	56	67	81	127	137	138	138	74	30.63	68.49	1.49	
	001	H01	44	1	40	57	71	91	132	138	139	139	78	33.74	65.85	2.36	
	002	A01	7	33	33	67	72	85	127	127	127	127					
	003	H01	43	65	95	112	147	189	237	268	953	953	170	134.37	147.25	1.62	
	013	H01	43	1	44	56	66	90	133	143	275	275	79	46.60	64.69	2.42	
	014	H01	42	45	68	86	104	133	183	197	205	205	114	42.02	106.74	1.45	
	015	H01	41	16	42	52	63	80	105	116	122	122	68	26.35	63.11	1.53	
	016	H01	36	24	35	45	61	83	108	122	132	132	67	28.80	61.30	1.56	
	017	H01	6	45	45	48	48	65	85	85	85	85					

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Site location	Site No	Ag/ proj	No. obs.	Min. obs.	Percentiles							Max obs	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std dev	Mean	Std. dev
MINNESOTA — Cont.																
	018	H01	42	3	9	32	46	78	125	147	267	267	63	52.90	42.83	2.73
	021	H01	43	6	41	68	77	107	131	146	154	154	84	35.33	74.82	1.77
	023	H01	41	17	39	55	64	79	104	135	143	143	69	29.32	62.54	1.56
	024	H01	40	29	36	62	70	84	111	126	141	141	75	28.17	70.13	1.48
	025	H01	42	19	32	41	57	68	102	109	131	131	61	26.79	55.04	1.58
131 Stillwater	006	F01	18	4	4	23	45	62	176	574	574	574				
131 Wayzata	001	F01	43	3	16	28	39	52	88	95	127	127				
132 East Grand Forks	002	A01	35	8	39	68	91	148	207	281	370	370				
132 Fergus Falls	001	F01	51	13	25	38	65	80	94	116	138	138				
133 Hutchinson	001	F01	77	4	23	61	89	100	146	182	269	269				
133 Morsholl	001	F01	31	15	31	51	60	79	159	189	194	194				
133 Ortonville	001	A01	12	24	29	32	38	53	114	169	169	169				
133 Willmar	001	F01	22	16	41	50	61	71	108	143	143	143				
133 Worthington	001	F01	56	3	18	31	51	72	103	136	152	152				
MISSISSIPPI																
005 Jackson	002	A01	21	34	46	62	100	114	134	155	317	317				
005 Jackson Co	001	A03	19	16	17	27	32	39	63	72	72	72				
MISSOURI																
070 St Charles	001	F01	10	35	35	49	66	87	116	128	128	128				
	002	F01	12	16	22	25	50	66	78	94	94	94				
070 St Louis	001	A01	23	62	91	123	202	245	336	414	480	480	213	111.16	185.75	1.74
	002	A10	164	40	71	97	124	157	229	252	354	356	136	60.83	123.62	1.56
	002	H01	164	40	71	97	124	157	229	252	354	356	136	60.83	123.62	1.56
	003	H01	22	92	104	119	133	175	222	238	382	382				
	006	H01	18	76	79	98	154	195	400	496	496	496				
	007	H01	50	50	66	115	155	217	290	374	438	438	174	92.57	151.40	1.73
	012	H01	36	30	37	79	96	108	175	189	207	207	98	41.35	89.39	1.59
	025	H01	19	37	46	85	117	134	183	186	186	186				
	027	H01	14	52	53	92	100	130	190	221	221	221				
	032	H01	19	69	73	106	148	198	225	244	244	244				
	039	H01	7	53	53	133	152	186	575	575	575	575				
094 Kansas City	001	A01	1	115	115	115	115	115	115	115	115	115				
	002	A01	24	49	72	86	97	135	178	187	261	261	116	49.73	106.63	1.50
	002	H01	63	1	1	78	97	137	186	216	261	261	102	61.98	50.72	6.97
	003	H01	61	1	54	68	78	102	125	149	194	194	86	36.81	70.25	2.67
	004	H01	61	1	36	72	86	112	174	211	232	232	97	55.76	58.31	5.12
	005	H01	61	1	1	74	96	121	156	174	329	329	95	61.35	43.60	7.64
	010	H01	61	1	35	56	74	94	123	132	162	162	75	37.43	49.67	4.24
	011	H01	61	1	1	133	187	233	349	490	553	553	195	135.67	90.10	8.09
	012	H01	61	1	1	89	104	132	153	167	331	331	105	54.96	60.20	5.84
	018	H01	60	1	20	58	86	98	129	161	234	234	82	45.99	53.21	4.42
	023	H01	60	1	1	45	69	128	257	305	551	551	108	106.97	41.01	8.13
094 St Joseph	002	F01	48	24	49	69	83	103	168	251	640	640				
	003	F01	47	40	51	67	80	119	174	226	350	350				
137 Columbia	001	F01	53	15	28	42	50	59	85	113	145	145	54	25.22	48.29	1.60
	002	F01	47	15	32	43	65	81	107	139	186	186	68	35.81	59.25	1.70
	003	F01	47	17	22	46	58	76	93	114	170	170	62	33.50	53.80	1.75
137 Mexico	001	F01	25	16	22	30	34	51	76	81	90	90				
	002	F01	26	42	51	74	89	154	257	314	325	325				
	003	F01	23	45	49	60	70	100	120	121	142	142				
138 Cape Girardeau	001	F01	15	33	37	43	65	80	118	141	141	141				
	002	F01	15	19	28	45	55	87	134	161	161	161				
138 Poplar Bluff	001	F01	24	31	34	80	130	228	397	464	639	639				
	002	F01	22	8	20	30	35	57	79	81	128	128				
138 Sikeston	001	F01	24	21	23	34	50	73	102	107	171	171				
	002	F01	23	7	29	34	58	92	108	127	141	141				
139 Joplin	001	F01	49	16	27	43	51	57	80	85	102	102	52	18.99	48.11	1.47
	002	F01	29	28	39	51	71	94	174	181	279	279				
139 Shannon Co	002	A03	24	9	10	18	24	32	61	76	130	130	33	26.91	26.46	1.94
MONTANA																
141 Glacier Nat Park	001	A03	28	2	4	9	9	12	37	43	56	56	14	12.56	10.74	2.18

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					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
MONTANA — Cont.																
142 Helena	001	A01	25	15.	20.	35	53	73.	99.	113	129	129.	58.	31.68	48.97	1.86
144 Missoula Co	001	G01	210	14	45.	71	112.	155	260.	346.	683.	926.				
NEBRASKA																
085 Omaha	001	A01	26	29.	62	91	104.	128.	163.	266	287.	287	115.	56.99	103.41	1.61
145 Lincoln	001	A01	1	37	37	37.	37.	37.	37.	37.	37.	37.				
	002	A01	15	48	48.	70.	79.	101	126	146.	146.	146.				
146 Thomas Co	001	A03	26	6	9.	12.	14.	20	39.	40.	43.	43	18	10.52	16.09	1.69
NEVADA																
013 Las Vegas	001	A01	22	28	47.	83.	112.	149	204	211.	236	236	119	59.85	102.33	1.82
147 White Pine Co	001	A03	23	5	6.	8.	12.	15.	23	23	32	32	13	6.78	11.78	1.65
148 Reno	001	A01	26	22.	38.	91	106	171.	337	538.	854	854	178	179.48	126.61	2.28
	003	I01	40	46	62.	83.	98.	116.	151	178	233	233				
	004	G01	39	22.	29.	40.	58.	70	104.	178	181	181.				
148 Sparks	001	G01	29	34	54.	71	98.	158	373	388	452	452				
	002	I01	40	22.	29.	46	56	71	119	145.	191	191				
148 Washoe Co	002	I01	33	9.	14.	16.	27	32	42	55	69	69				
NEW HAMPSHIRE																
107 Coos Co	001	A03	23	5.	8	11	15.	17	29	59.	61	61.	18	14.38	14.68	1.86
121 Concord	001	A01	25	13.	18.	25	33.	43.	58	59	60	60	35.	14.40	32.01	1.56
NEW JERSEY																
043 Asbury Park	002	F01	52	40.	45	52.	61	77.	96	105.	120	120.	67.	20.50	64.08	1.34
043 Bayonne	001	A01	20	7.	31	67	88	114.	141	168.	195	195.				
	004	F01	57	1	43	68	86	104.	152	199	203	203	92.	43.99	77.54	2.25
043 Bloomfield	002	F01	45	18	27	36	49	77	151.	209	264	264	73.	59.97	56.50	1.98
043 Bound Brook	001	F01	5	37.	37	51	78	82	109	109.	109.	109.				
043 Carteret	001	F01	54	40.	49.	73	88	100	136	148	198	198	91	34.78	84.27	1.47
043 Dover	001	F01	32	21	44	56	69	94	107.	134	228	228				
043 East Orange	002	F01	50	26	42	51	61	86	115.	152	226	226	76	38.15	68.38	1.55
043 Elizabeth	001	A01	25	31	43	60	72	87	100	124	126	126	74	23.96	70.22	1.41
043 Essex Co	001	F01	52	11	25	33	44	56	108	160	174.	174	55	37.87	45.77	1.80
043 Fairview	001	F01	48	36	52	74	94	120	160	181	266	266.	103	45.28	94.38	1.54
043 Fort Lee	001	F01	56	38	53.	76.	91	127	194	211	224	224	108	49.61	97.91	1.59
043 Hackensack	002	F01	26	41	47	69	89	104	127	139	169.	169				
043 Hoboken	001	F01	33	48	82	97	113	141	169	287	316.	316				
043 Irvington	001	F01	49	16	35	47	56	80	142	175	201	201	72.	43.18	62.53	1.71
043 Jersey City	001	A01	26	49	56	65.	87	97	121	126	200	200.	89.	32.40	83.97	1.39
	003	F01	52	58	74	89.	102	131	173	203	317	317	117.	48.44	109.40	1.42
	004	F01	57	49.	58	78	97	120	208	313	319	319	119	67.53	105.43	1.62
043 Linden	001	F01	55	34	54	69.	75	98	127	147	173	173	84	29.46	79.60	1.41
043 Middlesex Co	001	F01	41	21	39.	48	58	77	102	116.	145	145	67	28.43	61.65	1.52
043 Monmouth Co	001	F01	44	15	26	35	42	56	84.	93	165	165	50	26.20	44.45	1.58
043 Morristown	002	F01	45	21	30	38	52	56	79.	83	109	109	52	19.51	48.39	1.46
043 Newark	001	A01	25	35	44.	55	74	87	98.	105	166.	166	74	27.62	69.88	1.42
	003	F01	46	46.	63	95	116	158	238.	267	616.	616	140	91.66	122.47	1.64
043 New Brunswick	001	F01	22	27	39.	46	55	63	95	112	125.	125				
043 Orange	001	F01	49	27.	38	55	68	88	119	172	245.	245.	79.	41.37	71.04	1.58
043 Passaic	001	F01	30	36.	40	48	52	62	96	98	141.	141	62	23.16	58.28	1.39
043 Paterson	001	A01	25	40	44	65	81	87	115	148	149	149	80	28.98	75.56	1.44
	001	F01	68	23	40	52	62	81	115	138	156	156	72	29.65	66.89	1.48
043 Perth Amboy	001	A01	24	27	31.	68	83	98	111	115	120	120	79	28.50	72.80	1.57
	002	F01	49	36	46	66.	73	87	112	146	184	184	79	29.32	74.32	1.41
043 Red Bank	001	F01	40	35	38	50	58	71	90	91.	110	110	63	19.03	59.93	1.35
043 Roselle	001	F01	58	38	51	64	77	93	121	170	218	218	84	35.33	78.32	1.44
043 Sayreville	001	F01	15	34	40	58	85	100	118	260	260	260				
043 Somerville	002	F01	56	19.	30	43	61	77	100	147	167.	167.	65	32.19	58.23	1.62
043 Union City	001	F01	54	41	62.	76	85	101	149	175	220	220	94	35.21	88.61	1.40
043 Westwood	001	F01	46	24.	31	44	50	64	107	126	157	157	60	29.65	53.89	1.57
045 Camden	001	A01	24	58	77	103	125	143	164	191	194	194	127	34.99	121.77	1.35
045 Camden Co	002	A01	26	24	36	53	65	84	109	112	145	145	70	27.85	64.45	1.52
045 Glassboro	001	A01	25	15	37	51	64	78	112	125	140	140	69	29.63	62.92	1.61

**PARTICULATE, micrograms per cubic meter (25 C)
HI-VOL GRAVIMETRIC, 24 hours**

1969 Annual Report

Site location	Site No.	Ag/ proj	No obs	Min. obs	Percentiles								Max obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99	Mean		Std. dev	Mean	Std dev	
NEW JERSEY — Cont.																	
045 Hamilton	001	A01	23	28.	34	55.	71	85	93	110	130	130	70	24.39	65.77	1.46	
045 Trenton	001	A01	24	41.	47	60	66.	88	119.	127.	147	147	77.	29.19	71.81	1.44	
	001	F01	24	41	47	60.	66	88.	119	127	147	147	77.	29.19	71.81	1.44	
NEW MEXICO																	
152 Albuquerque	001	A01	26	30.	47	54.	71	94.	133.	150	209.	209.	83.	39.44	74.87	1.56	
	001	H01	52	30.	47	60	79.	96	147.	159	209.	209	86	38.25	78.27	1.54	
	004	H01	45	12	34.	49.	57	78.	107	132.	185.	185.	67	33.73	59.52	1.65	
	005	H01	52	14.	42.	76	103	113.	162	210.	231.	231.	101	47.44	89.08	1.74	
	006	H01	51	9	21.	30	35.	43	61	65	85	85.	38.	16.45	34.44	1.62	
152 Bernalillo Co	001	H01	52	13	31	46.	64.	98	135.	154	202	202	76	42.01	64.65	1.83	
	002	H01	47	16.	27	50	62	83.	113.	121.	207.	207	70	37.52	60.32	1.74	
	011	H01	50	34	47.	69	95	140.	220	304	574.	574	125	94.58	101.88	1.86	
	021	H01	51	11	26	33	41.	54	77.	99	196	196	50.	31.64	44.13	1.65	
	031	H01	52	4.	7.	12.	15	23	33	45.	101	101	20.	15.50	16.02	1.91	
157 Rio Arriba Co	001	A03	20	5.	7.	10	14	23.	33	37	87.	87					
NEW YORK																	
043 Babylon	001	F01	59	17	29	48.	57.	74.	100	132	291.	291.	67.	44.43	58.24	1.68	
043 Freeport	001	F01	58	30.	50	67.	84.	99	139.	149	179.	179	88	34.07	81.60	1.49	
043 Garden City	001	F01	59	23.	33	48.	62.	71.	103	105	130	130	63	23.62	58.27	1.48	
043 Glen Cove	001	F01	56	33	58.	90	114.	141.	200	232.	244	244	121.	51.75	109.86	1.58	
043 Hempstead	001	F01	52	50	64	76.	94.	128.	190.	273.	421.	421.	119	71.41	104.87	1.60	
	004	F01	51	25.	55.	78.	97	137	214	248	289	289	116	63.32	100.25	1.74	
043 Kings Point	001	F01	60	24	41.	63	85.	101	134.	155	222	222	87.	40.84	78.30	1.62	
043 Mount Vernon	001	F01	61	26	43	55	71	90.	114	127	169	169	76.	31.21	70.41	1.50	
043 Nassou Co	001	F01	57	24	37	64	76.	96	142	167.	177	177.	83	36.40	75.40	1.58	
	002	F01	55	29.	47.	59.	80	99	133.	142.	163	163.	83	31.92	77.08	1.51	
	003	F01	7	75	75	94	98	118.	171	171	171.	171					
	004	F01	58	20.	40	52	69.	83	112	123.	142.	142	72	28.72	66.22	1.55	
	005	F01	52	29.	52	62.	75	92	119.	131	151	151					
043 New Rochelle	002	F01	56	36.	52	74	86	104	146	154	157	157	91	32.41	85.39	1.44	
043 New York City	001	A01	24	19	42.	84	104	152.	264.	301.	354.	354.	131	85.63	105.47	2.01	
	001	F01	76	19	60	84	106	130	171	224.	354	354	115.	53.04	104.40	1.59	
	050	F01	4	51.	51	55	55	70	82	82	82	82					
043 North Tarrytown	001	F01	61	16.	28	40.	55	71	107.	115	218.	218.	62	34.57	54.28	1.69	
043 Ossining	001	F01	58	13	30	47	61	79	101	107	126.	126	64	26.20	58.32	1.59	
043 Peekskill	001	F01	61	22	34	51	68	93.	134	149	180	180	77.	39.06	67.78	1.70	
043 Port Chester	001	F01	53	28	39	54	63	83	101	114	163	163	70	27.80	64.61	1.49	
043 Rockland Co	001	F01	61	19	28	35	47	64	95	98	117	117.	55	26.35	48.90	1.61	
043 Rockville Centre	001	F01	57	40.	66	90.	110.	139	188.	211	273.	273	120.	49.62	110.68	1.50	
043 Rye	001	F01	59	29	42.	59	65	75	121	128	175.	175	71	26.92	67.03	1.41	
043 Southampton	001	F01	60	13	25	32	38	44	56	65	157	157.	42	23.79	38.19	1.54	
043 Suffern	001	F01	58	17	23	38	48	66	98	106	126	126	56	27.49	48.88	1.69	
043 Suffolk Co	001	F01	55	20	32	40	47.	65	92.	102	217.	217	57	30.74	51.16	1.54	
	002	F01	56	14.	23	41	60	89	266	353	492	492.	100	108.58	67.69	2.32	
	011	F01	60	15	27	36	51.	61	81	93	117	117	52	23.11	47.41	1.59	
	022	F01	39	10	25	47	55.	67	80	101	141.	141					
043 Westchester Co	001	F01	21	19	23.	58	69.	77	88.	91	98	98.					
	003	F01	60	12	15	26.	34	47	72	88	134	134	42	25.29	35.55	1.77	
	005	F01	36	12	17.	26	39	58.	100	103	115	115					
043 White Plains	001	F01	58	30	48	62.	77.	91	135	151.	187	187	83.	32.98	76.66	1.48	
043 Yonkers	001	A01	27	47	51	66	106	127	175.	182	210.	210					
	004	G01	33	37	62	72	130.	157	220	224	227	227					
158 Auburn	001	F01	24	9	16	33	42	53	88	90	137	137.					
	002	F01	23	13	20	31.	40	52.	70	89	126	126					
158 Conastota	001	F01	24	15	27	35	38	54.	90	105	121	121.	49	25.69	44.03	1.61	
158 Cortland	001	F01	42	11.	21.	31	41.	73.	115	156	177	177					
158 Cortland Co	001	F01	22	10.	15.	22	29	44	55.	92	98	98	37	22.85	31.28	1.78	
158 East Syracuse	001	F01	57	27	45.	64	96.	125	193	198	211	211	102	52.78	88.88	1.73	
158 Fulton	001	F01	19	15	15	28.	40	62	74	120.	120	120					
158 Hamilton	001	F01	24	12	17	23.	27	37.	52.	82.	97.	97					
158 Jefferson Co	001	A03	25	11	13	23	30.	36.	73	74	91	91	34	21.02	29.05	1.77	
158 Oneida	001	F01	24	16.	20.	28	39	58	92	101	127	127					
158 Onondaga Co	001	F01	58	11	18	27	40	57.	82	103.	127	127	46	27.18	38.86	1.81	
	002	F01	49	22	33	48	72	114	196	264	361	361.	97	74.94	75.60	2.00	

**PARTICULATE, micrograms per cubic meter (25 C)
HI-VOL GRAVIMETRIC, 24 hours**

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Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles								Mox. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99	Mean		Std dev.	Mean	Std dev.	
NEW YORK — Cont.																	
158 Oswego	003	F01	51	18.	41	63	81.	125.	188	217.	225	225	102.	58.20	86	25	1 83
	011	F01	21	10	17.	25.	34.	59	119.	131	143.	143.					
	001	F01	24	11	17.	33.	41.	64.	73.	101.	138.	138					
158 Rome	002	F01	23	10	16	19.	28.	46	67	90.	136.	136.	64.	40.25	55	00	1 74
	001	F01	49	23	29.	36.	53.	67.	116.	131.	207.	207					
158 Solvay	001	F01	25	28	56.	78	97	126	194.	206.	312.	312.	116.	63.03	102	06	1 69
	001	F01	49	23	29.	36.	53.	67.	116.	131.	207.	207					
158 Syracuse	001	A01	25	28	56.	78	97	126	194.	206.	312.	312.	116.	63.03	102	06	1 69
	001	F01	60	36.	49.	78	113.	150.	188	246.	320.	320					
158 Utica	002	F01	56	22	43.	68.	94.	130	156.	196.	228	228	101	46.82	89	43	1 68
	003	F01	55	35	53.	80	104	134.	191.	221.	252.	252					
158 Watertown	004	F01	56	21.	39.	53	84	105.	160.	176.	301.	301	91	52.80	102	92	1 60
	005	F01	56	23.	40.	56.	81.	107	175	192	294	294					
159 Glens Falls	001	A01	31	24.	32	44	80	91.	137.	156.	159.	159	78	39.79	68	59	1 72
	001	F01	62	28.	38.	58.	78.	108.	159	172.	335.	335.					
159 Ogdensburg	001	F01	52	17.	23	36	43	57	103.	112.	125.	125	52	27.15	46	50	1 63
159 Plattsburgh	001	F01	51	17.	25.	37.	49	56	72.	88.	117	117					
159 Saranac Lake	001	F01	43	12.	25.	39.	48.	63.	91	110.	126.	126.	50	20.49	45	76	1 53
160 Geneva	002	F01	54	8	16	21	29	42	65.	76	85	85					
160 Monroe Co	001	F01	56	11.	16.	22	33.	50.	84.	95.	111.	111.	42	26.27	34	47	1 87
	001	F01	20	18.	20.	30.	43	67.	96.	109	128.	128					
160 Rochester	001	F01	61	16.	27	49	68	90	123.	146.	226.	226	76	44.16	63	80	1 87
	002	F01	61	10	20.	38	51.	64	106	127.	173.	173.					
160 Webster	003	F01	35	11.	19.	29.	53	65.	85	125	175.	175	59.	35.68	48	92	1 87
	001	A01	26	47	73	95.	106	125	190.	199.	213	213					
161 Albany	001	F01	63	30	58	74	103	127.	181	200.	244.	244	109.	48.63	99	01	1 59
	002	F01	61	18.	45.	69.	79.	94	126	132	196	196					
161 Amsterdam	003	F01	59	21.	42	70.	101	131	174.	218.	227.	227.	108.	50.49	95	10	1 70
	001	F01	61	10	21.	40	48.	62	75	96	177.	177					
161 Cohoes	001	A01	25	26.	31.	57.	70	97	131.	135	174	174.	79	37.57	70	30	1 66
	001	F01	76	15.	29.	45	64	90	135.	173.	182	182.					
161 Colonie	002	F01	56	37.	62	83	110.	131.	203	211	286.	286	117	50.80	106	71	1 54
	001	F01	49	19.	31.	44	59	70	93.	106.	390.	390.					
161 Dutchess Co	001	F01	57	11	22	36	53	82.	124	139.	220.	220	65	42.74	52	97	1 94
	001	F01	51	23.	33.	50	66.	80	111.	132	146	146.					
161 Ellenville	001	F01	61	11.	20.	26	33	43	68	82	116.	116.	67	29.45	61	08	1 55
	002	F01	56	4.	12	21	28	39.	51	72.	78.	78.					
161 Hudson	001	F01	57	10	21.	26.	30	45	73	92	128	128	41	24.07	35	13	1 69
	001	F01	57	16.	28	57	72	95	132	139.	177	177					
161 Jahnstown	001	F01	60	22	29	36	42	60	86	104.	187.	187.	55.	29.53	49	11	1 59
	001	F01	54	11	17	28.	35	45.	68.	92.	108.	108					
161 Kingston	001	F01	58	14.	36.	55.	72	91	112	126.	149	149.	74.	28.83	67	58	1 68
	001	F01	47	28	38	53.	71	96	136	152	181	181					
161 Newburgh	001	F01	61	12	41	63	77.	108	148	193	278.	278	93.	53.39	79	78	1 76
	001	F01	60	6.	28	38	45	62.	120.	133	145	145					
161 Poughkeepsie	001	F01	46	19	29	46	57.	99.	181	183	210	210.	81.	54.35	65	65	1 92
	001	F01	59	16.	31.	54	70.	89.	120	144	167.	167					
161 Rensselaer	011	F01	57	1.	10.	15	23	34	58	74	141.	141.	30	23.39	22	69	2 22
	021	F01	45	19	38	49.	54	67	119.	138.	219	219					
161 Rensselaer Co	001	F01	50	17.	35.	66.	84.	110.	156	193	200	200	91.	46.16	78	29	1 81
	001	F01	60	5.	28.	46.	64	82	113.	122.	142	142					
161 Schenectady	002	F01	60	14	29	42	62	89	142.	150.	164	164	73	40.99	61	84	1 80
	001	F01	53	10.	15	19.	29	38.	63	70.	99	99					
161 Schenectady Co	011	F01	60	10.	22.	35	44	56	73	90	117.	117	48	22.90	42	45	1 64
	002	F01	57	9.	26	32.	44	57	80.	93	102	102					
161 Schoharie Co	002	F01	54	14.	21.	34.	41.	56	89	148.	239.	239.	54.	41.78	44	50	1 81
	002	F01	58	30.	42	60	76	111	199.	312	394	394					
161 Troy	001	F01	23	13.	21	30.	44	54.	114.	132.	150	150	108	81.93	87	82	1 86
	001	A01	24	47.	54.	74	85.	94.	132.	144	174	174.					
162 Akron	001	F01	77	29.	49.	67	87.	99	144	176	263.	263.	91	41.28	83	44	1 54
	002	F01	58	23	44.	67	82	99.	160.	266	493.	493					
162 Buffalo	003	F01	53	29	78	139.	193.	279.	408.	834.	978	978	245	196.36	192	66	2 02
	005	F01	38	36.	56	85	121	164	188.	221.	259	259					
162 Cheektowago	001	F01	59	31.	47.	88.	119.	144.	202.	305	407.	407	125.	73.05	107	64	1 75
	011	F01	56	14.	21.	28	38.	45.	71	86	332.	332					
162 Erie Co	001	F01	58	28.	79	152	182	237.	309	393	402	402	196	90.38	172	26	1 76
	002	F01	58	29.	65.	87.	115.	149	202	233	342	342					
162 Lackowanna	001	F01	58	13	27	40	61	93.	149.	160	202	202.	75.	46.32	62	05	1 89
	001	F01	47	16	24	49	63	75	113	142	148.	148.					
162 Lewiston	001	F01	56	18.	26	47	66	81	116	130.	166	166	67	33.44	59	72	1 72
	002	F01	56	18.	26	47	66	81	116	130.	166	166					

**PARTICULATE, micrograms per cubic meter (25 C)
HI-VOL GRAVIMETRIC, 24 hours**

1969 Annual Report

Site location	Site No	Ag/ proj.	No obs	Min obs	Percentiles							Max obs	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev	Mean	Std. dev.
NEW YORK — Cont.																
	005	F01	58	21	35	55	66	93	123	142.	178.	178	74	34.90	66 27	1 62
	006	F01	56	6.	17.	30	43	58	92.	143	151	151.	49.	33.10	39 47	2 00
162	Niagara Co	001	F01	58	10	17.	34	44	64	93	111	142	53	30 79	43 73	1 92
	002	F01	59	11	20	46.	56	81.	124	135.	164.	164	66	36.53	56.01	1.87
162	Niagara Falls	001	A01	26	33	40	71.	107	126	180	188	204.	106	50 22	93 24	1 72
	001	F01	61	35	53	76	99	123	165	188	369	369	109.	56 66	97 23	1 61
	002	F01	23	63	69	87.	122	142	206.	339	484	484				
	006	F01	35	28.	71.	121	150	205.	305	351	382	382				
	007	F01	61	45	142	215	281.	325	634	650	774	774.	312	173 51	267.10	1 81
162	North Tonawanda	001	F01	59	26	57	89.	114.	135	183	218	287	118.	51.42	106 74	1 60
	002	F01	59	16.	29.	60	77	94.	144	175	249.	249	83	45 67	71.03	1.80
	004	F01	57	36	84	161	203	311	451	577	1348	1348	256	197 81	208 05	1 91
	005	F01	61	31	43	77	92.	122	141	175	233	233	99	42 99	90 08	1 58
	006	F01	7	31	31	140	155	164.	206	206	206	206				
162	Sloan	001	F01	57	11	38	74	94	116.	169	258.	276	101.	56 68	86 73	1.80
162	Tonawanda	002	F01	57	26	54.	91.	107.	140	170	200	284	116	47 91	105 52	1 61
163	Binghamton	002	F01	59	37.	45.	63	79	89	113.	133	180	80	26 91	76 23	1 40
	003	F01	58	24	39	57	71	84	123	146	236.	236	77	36.74	69.46	1.56
163	Broome Co	001	F01	59	11.	25	34	45.	54	92	105	337.	53	43 75	45 21	1 70
163	Endicott	001	F01	44	20.	23	39	54	73	95	136	176	60	33 87	52 59	1 71
	002	F01	59	8	31	49	61	85.	143	154	276	276.	75	45 04	63 95	1 80
163	Johnson City	001	F01	61	6	37	58.	76.	96	132	178	221.	84	44 66	72 14	1 81
163	Olean	001	F01	18	17	21.	31	42	56	78.	96	96	46	22 01	41 40	1 64
164	Cattaraugus Co	001	F01	9	9	9	29	30	54	90	90	90				
	002	F01	19	5	12	17.	25.	30	51	67	67	67.				
	003	F01	16	4	7	17	23	30	42	53	53	53				
	004	F01	18	3	11	19	28	39.	51	51.	51	51				
164	Chemung Co	002	F01	61	16	27	35	45	56	85	92.	123	50	23 74	45 52	1 59
164	Corning	007	F01	20	34.	41	46	50	75	83	106	113				
164	Dunkirk	001	F01	35	22.	32	39	52	78	109	146	173.	173			
164	Elmira	001	F01	61	23	33	46	59	69	91	97	104	59	20 45	55.87	1 44
164	Gowanda	001	F01	1	43.	43	43	43	43	43.	43.	43				
164	Granville	001	F01	8	18	18	25	40	56	104	104	104				
164	Hornell	001	F01	26	24	32	43.	47	67	107.	108	112.	112			
164	Horseheads	001	F01	60	18.	25	43.	50	71	100	121.	147.	61	30 50	53 80	1 66
164	Ithaca	001	F01	57	21	27	38.	46	59	88	100	150.	52	24 57	47 57	1 53
164	Jamestown	001	F01	38	19	36	59	69	83	124	139	187				
	002	F01	25	31	48	90	111	139	160	167	251	251				
	003	F01	48	12	17	31	46	68	86	124	137	137	53	30 52	44 06	1 86
NORTH CAROLINA																
136	Greensboro	001	A01	24	62.	67	87	91.	103	151	165	190	103	33 93	98 41	1 36
	001	F01	24	62	67	87	91	103	151	165	190	190	103	33.93	98.41	1 36
136	Winston-Salem	002	A01	25	35	43.	85	102	116	166	217	234	106	49 27	95 29	1 61
	002	G02	25	35	43	85	102	116	166	217.	234	234	106	49 27	95 29	1 61
165	Catawba Co	001	G01	19	19	23	36	48	54	70.	73	73				
165	Hickory	001	G02	18	27	37	43	47	53	68	79	79				
	002	G01	19	14	27	43	55	62.	85	96.	96	96				
166	Durham	001	A01	26	54	57	65	75	97	121.	121.	204	85	31 73	80 97	1 36
	001	G01	26	54	57	65	75	97	121.	121	204	204	85	31.73	80 97	1 36
167	Belmont	001	G02	37	90	180	290	460	550	730	940	980.	459	219 27	401 39	1 75
167	Bessemer City	002	G01	35	37	45	76	83	94	109	113	122				
167	Charlotte	001	A01	24	29	56.	76	90	117	212	212	215	108	52.73	95 47	1 68
	001	G01	44	13	39	76	91	120	159	212	215	215.	101	47 77	88 59	1 76
	002	G01	33	33	59	88.	120.	143	170	180	198	198				
	003	G01	30	33	71	86.	103	120	134	152	204	204				
	004	G01	32	17	34	66.	84	104	123	134	212.	212				
	005	G01	32	14	22	48.	57	83	99.	100	134	134				
	006	G01	35	30	41	71.	97	126	155	175	176	176				
	007	G01	26	15	28	41.	55	64	93	107	144	144				
	008	G01	35	22.	30	55.	67	88	103	106	113	113				
	009	G02	32	21	28	45.	52	81	97	129	167	167				
	010	G01	29	13	56	84.	99	114	164	179	192	192				
	011	G01	9	27	27	39.	65	73	103	103	103	103				
	012	G01	3	71.	71	71.	95	106.	106	106	106	106				
167	Cherryville	001	G01	37	36	44	63.	77	91.	101	121	257	79	36 94	73 46	1 46
167	Cramerton	001	G01	36	38	52.	70.	80	95	147.	176	191				
167	Dallas	001	G01	38	31	41	60.	79.	99	142	205.	266	88	47.90	78 26	1 62

**PARTICULATE, micrograms per cubic meter (25 C)
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Site location	Site No	Ag/proj	No obs	Min. obs.	Percentiles							Max obs	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std dev	Mean	Std dev
NORTH CAROLINA—Cont.																
167 Davidson	003	G01	32	30	50	59	98	111	122	132	264	264				
	001	G01	32	19	39	55	67	87	136	141	170	170				
	002	G02	27	18	23	41	50	57	74	81	93	93				
167 Gastonia	002	G02	37	62	91	122	165	210	277	296	318	318	173	70 77	157 94	1 55
	003	G01	36	19	46	62	80	106	134	140	147	147	85	32 74	78 07	1 56
167 Landis	001	G01	16	27	33	54	66	72	106	110	110	110				
167 Mecklenburg Co	001	G01	29	17	21	38	56	72	101	103	120	120				
	002	G01	19	1	20	35	39	49	77	99	99	99				
167 Mount Holly	001	G02	35	42	55	72	87	114	156	206	209	209				
167 Rowan Co	001	G03	15	35	50	65	89	100	124	142	142	142				
	002	G01	17	32	36	61	75	84	153	161	161	161				
	004	G01	14	63	76	105	122	149	169	188	188	188				
	005	G02	14	42	74	80	97	109	121	130	130	130				
167 Salisbury	002	G01	16	38	51	70	79	98	242	250	250	250				
168 Cape Hatteras Nat Park	001	A03	24	14	19	31	50	95	170	188	234	234	75	59 14	55 89	2 25
NORTH DAKOTA																
130 Fargo	001	F01	26	22	25	32	49	67	74	81	132	132	53	24 98	47 57	1 60
172 Bismarck	001	F01	26	20	34	48	70	90	139	164	243	243	82	49 11	69 81	1 78
172 Minot	001	F01	12	2	14	29	39	61	87	119	119	119				
172 Ward Co	002	F01	21	5	12	14	20	29	41	48	52	52				
OHIO																
079 Cincinnati	001	A01	26	53	62	82	93	133	182	188	385	385	117	67 59	104 42	1 57
	001	H01	37	44	62	81	86	113	182	217	385	385	111	62 32	99 84	1 55
	002	A01	29	12	29	43	70	98	125	127	145	145	74	36 21	64 35	1 82
	002	H01	42	12	51	75	86	108	174	188	385	385	105	62 92	89 95	1 78
	003	A01	29	58	65	90	101	113	219	221	233	233	111	45 88	104 27	1 43
	003	A10	193	28	62	83	103	130	183	219	284	288	114	50 06	104 16	1 53
079 Hamilton	001	F01	12	41	52	74	88	108	123	142	142	142				
103 Akron	001	H01	25	31	42	73	109	133	167	180	224	224	105	49 86	92 77	1 72
124 Oregon	002	H01	23	30	34	54	63	77	110	110	117	117	66	26 64	61 35	1 51
124 Rossford	001	H01	23	15	30	44	62	97	107	155	218	218	73	45 71	61 58	1 84
124 Toledo	001	A01	26	27	40	64	70	89	126	126	135	135	76	27 56	70 66	1 48
	003	H01	19	29	35	46	92	122	192	195	195	195				
	012	H01	23	34	68	87	121	159	319	339	405	405	144	95 27	120 28	1 85
	013	H01	23	23	25	47	71	98	156	163	172	172	79	45 49	66 48	1 85
	014	H01	22	34	46	65	85	112	133	172	221	221	94	44 73	84 91	1 59
	015	H01	24	34	38	81	93	121	192	229	272	272	109	60 14	94 89	1 74
	016	H01	24	26	43	78	103	150	374	472	519	519	158	135 97	116 56	2 22
	017	H01	23	36	37	78	103	129	181	231	270	270	110	58 59	96 56	1 71
	018	H01	24	26	33	57	70	89	121	134	151	151	76	32 43	69 08	1 59
	019	H01	21	38	49	79	95	116	148	174	193	193				
173 Dayton	001	A01	25	44	53	77	91	112	168	186	188	188	101	43 23	93 17	1 53
	001	F01	25	44	53	77	91	112	168	186	188	188	101	43 23	93 17	1 53
174 Akron	001	A01	25	31	42	73	109	133	167	180	224	224	105	49 86	92 77	1 72
	002	H01	45	36	50	65	85	106	147	164	176	176	93	37 70	85 38	1 51
	004	H01	44	33	49	68	91	106	146	167	184	184	92	38 17	84 03	1 55
	005	H01	41	38	50	75	102	138	153	161	238	238	105	44 71	95 46	1 57
	006	H01	33	44	66	87	106	129	160	197	220	220	110	40 45	102 94	1 46
	001	H01	45	33	60	83	100	118	142	162	239	239	104	37 54	97 20	1 45
174 Barberton	001	A01	26	40	58	77	97	109	149	181	185	185	99	36 70	92 88	1 45
	001	H02	83	40	81	97	113	152	200	220	256	256	128	47 83	119 90	1 45
	002	H01	61	17	47	73	94	122	159	188	221	221	100	45 55	88 90	1 67
	003	H02	59	55	66	91	129	164	236	254	320	320	141	62 42	127 82	1 57
	004	H02	59	16	60	82	115	158	200	235	279	279	126	57 89	112 10	1 68
	005	H02	61	33	86	126	149	198	241	282	328	328	163	66 38	148 66	1 56
	006	H02	61	40	61	88	112	151	205	214	322	322	124	55 33	112 95	1 57
	008	H01	55	32	49	68	101	131	193	213	826	826	119	108 81	98 59	1 75
	011	H01	60	62	100	119	158	185	237	248	344	344	163	58 18	153 27	1 43
	001	A01	25	44	64	77	115	141	226	228	389	389	128	75 08	111 91	1 69
174 Cleveland	001	H01	72	49	77	95	128	158	219	253	303	303	135	55 58	124 47	1 51
	003	H01	73	31	48	70	92	122	152	159	231	231	97	41 77	88 55	1 57
	005	H01	73	64	78	103	114	146	185	202	287	287	126	42 96	119 38	1 38
	006	H01	72	31	48	59	74	100	126	149	191	191	83	34 69	76 55	1 51

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					10	30	50	70	90	95	99		Mean	Std dev	Mean	Std. dev
OHIO — Cont.																
	007	H01	73	28	42	56	70	99	136	154	181	181	82	38 07	73 55	1 60
	008	H01	73	96	125	179	247	284	351	400	443	443	243	86 93	226 39	1 47
	009	H01	70	41	59	84	106	134	180	259	326	326	119	59 22	107 38	1 57
	010	H01	68	28	48	67	81	110	160	198	267	267	95	47 72	84 46	1 63
	011	H01	71	28	42	63	88	112	151	169	203	203	93	42 73	83 72	1 63
	012	H01	72	58	86	105	151	202	318	492	871	871	189	136 15	158 15	1 76
	013	H01	71	87	112	148	182	249	414	481	608	608	226	118 24	200 51	1 62
	015	H01	68	42	62	84	98	122	150	170	218	218	104	37 66	97 77	1 43
	017	H01	70	47	73	102	133	159	224	307	345	345	144	65 05	131 24	1 53
	020	H01	70	33	45	59	71	104	147	173	229	229	90	43 33	80 37	1 59
	021	H01	66	23	44	62	75	106	150	201	214	214	90	46 32	79 96	1 65
	024	H01	64	51	58	75	94	117	155	161	209	209	101	36 54	94 96	1 42
	027	H01	69	34	63	95	142	214	364	399	682	682	179	121 41	146 41	1 90
174 Lorain	001	F01	12	47	47	54	60	91	149	158	158	158				
174 Stark Co	001	H03	55	16	35	57	73	98	136	143	170	170	80	36 95	71 19	1 69
	002	H03	59	44	51	78	101	125	180	211	334	334	111	56 60	99 26	1 59
175 Wayne Co	001	H03	43	19	31	47	68	91	114	118	167	167	72	33 07	64 02	1 64
176 Columbus	001	A01	25	37	51	76	102	129	149	169	222	222	106	43 02	97 27	1 55
	001	A05	1	82	82	82	82	82	82	82	82	82				
178 Warren	001	I01	10	52	52	72	101	104	170	210	210	210				
178 Youngstown	001	A01	26	39	57	72	100	138	268	275	302	302	132	78 94	111 83	1 78
181 Steubenville	001	I01	13	126	146	233	360	475	498	721	721	721				
OKLAHOMA																
017 Cherokee Co	001	A03	26	14	17	26	30	40	65	81	175	175	40	32 44	33 35	1 78
184 Edmond	011	F01	30	30	44	87	119	172	239	444	675	675				
184 Midwest City	006	F01	27	17	27	44	58	67	148	186	187	187	69	45 61	56 97	1 85
	010	F01	15	19	28	45	58	68	115	153	153	153				
184 Moore	043	F01	17	23	24	38	45	56	138	144	144	144				
184 Norman	040	F01	34	22	25	31	53	85	150	178	276	276				
184 Oklahoma City	001	F01	44	18	35	50	68	82	103	111	137	137	69	26 89	63 23	1 54
	002	F01	23	23	35	42	53	70	113	141	196	196				
	003	F01	35	25	32	46	52	72	108	189	214	214				
	004	F01	22	14	18	31	43	65	78	84	197	197				
	007	F01	8	40	40	103	135	281	342	342	342	342				
	008	F01	2	80	80	80	80	93	93	93	93	93				
	009	F01	46	14	28	38	47	62	72	84	139	139				
	029	A01	25	18	35	50	73	87	106	111	137	137	70	29 52	63 72	1 62
184 Yukon	013	F01	8	30	30	39	46	82	115	115	115	115				
185 Blackwell	591	F01	36	14	22	28	36	42	68	119	158	158				
185 Ponca City	595	F01	13	33	38	42	46	57	72	73	73	73				
186 Claremore	190	F01	29	15	42	72	85	89	144	163	192	192				
186 Muskogee	162	F01	82	14	26	40	45	57	79	87	140	140	50	23 61	45 59	1 58
186 Pryor	180	F01	27	35	36	51	63	78	100	134	146	146				
186 Tulsa	001	A01	26	25	30	39	56	73	122	189	233	233	68	48 71	55 68	1 76
	110	F01	185	16	33	48	60	75	117	189	258	282	71	46 91	61 19	1 70
	111	F01	181	21	56	84	106	141	197	212	356	444	121	64 81	106 60	1 66
	112	F01	173	23	51	80	98	117	151	184	276	377	102	45 89	92 91	1 56
	116	F01	171	25	55	82	103	129	183	245	333	376	115	58 58	102 63	1 62
	117	F01	164	25	47	69	81	99	138	153	200	259	88	36 77	80 97	1 50
188 Ardmore	290	F01	22	16	26	34	43	50	62	62	65	65				
188 Coal Co	360	F01	25	18	21	27	36	59	77	89	98	98				
	361	F01	24	21	27	68	81	95	140	144	171	171				
	362	F01	21	9	16	20	28	40	47	54	54	54				
188 Wynnewood	271	F01	8	24	24	30	31	46	77	77	77	77				
189 Duncan	660	F01	41	26	30	41	55	63	70	71	208	208	54	28 64	50 12	1 47
189 Hollis	760	F01	10	37	37	185	315	323	524	822	822	822				
189 Lawton	640	F01	32	24	39	54	67	92	130	140	141	141				
	641	F01	35	18	25	38	51	66	78	81	82	82				
	644	F01	24	19	23	33	42	53	74	74	430	430				
OREGON																
190 Eugene	001	A01	20	16	18	35	65	80	123	124	195	195				
190 Klomoth Falls	001	F01	15	20	31	48	69	93	108	132	132	132				
193 Clackamas Co	001	I01	46	14	27	53	65	85	119	127	186	186				
193 Eugene	004	I03	37	17	36	76	93	143	214	237	256	256				

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					10	30	50	70	90	95		99	Mean	Std. dev	Mean	Std dev.	
OREGON — Cont.																	
193	Gresham	001	I01	40	9.	10	27.	39	55.	65.	73.	103.	103				
193	Hillsboro	001	I01	13	18	22.	24.	37	57	79	92	92.	92.				
193	Loke Oswego	001	I01	48	13.	24.	48.	63.	81	119	127.	186	186.				
193	Lane Co	002	F01	25	31.	53.	67	79.	125.	214	242	271	271				
193	Mc Minnville	002	I01	77	14.	19	31	39	49.	67.	86	92.	92.	42	19 16	37 49	1.60
193	Milwoukie	001	I01	47	8.	25	38	58	65	86	93	117.	117				
193	Oregon City	002	I02	84	16	24.	45.	61.	80.	111	129.	194	194	65	34 93	56 34	1.78
193	Portland	001	A01	25	18	27.	61.	76	88	172.	195	200	200	84	48 01	71.80	1.82
		001	F01	25	18	27	61	76	88	172	195	200.	200.	84	48.01	71 80	1 82
		002	F01	49	26.	38	64	76	94	139	166	168	168				
		003	I01	87	14.	21	38	58.	74	106	112.	160	160	60	32 35	50.99	1 82
		010	F01	49	13	20.	33.	48.	61	88.	92.	128	128				
		011	I02	89	12	32.	60.	85.	108.	147.	183	303.	303.	89.	50.21	75.73	1 85
		015	I02	60	12	36.	57	87	112	172	223	374	374				
		017	I01	86	5.	9	22	34	50	72.	75.	103.	103	38	23.30	30 38	2 11
		019	I01	88	16.	25.	43.	61	77	112	137	157.	157	65.	33 47	56 77	1 74
		021	I01	85	16	24.	40.	60.	77	110	121	148	148.	62.	31 55	54.04	1 74
		022	I01	89	5.	8.	18	32.	42.	65	71	153.	153	35	24 48	27 50	2 13
		023	I02	88	15.	26	59	84	112	167	188.	215	215	90	50.55	75 18	1 93
		027	I02	82	7.	27.	41	48	67	92	109	147.	147.	55.	26 95	48.70	1 71
		028	I01	4	11.	11.	12.	12	55	64.	64	64.	64				
		029	I01	13	36.	41.	57	61.	77.	109	211	211	211				
		036	I02	65	7.	26	44	55	73	104	112	147	147				
		037	I01	60	5	21	37	46	59	95	102	114	114				
		038	I02	62	7.	28.	44.	67	90	115.	126	164	164				
		040	I01	132	17.	32.	51.	86.	112	160	190	229	250				
		041	I01	46	13	20.	33	50	61	87	92.	128	128				
193	St Helens	001	I01	79	4.	20.	31	42	62	81	98.	129	129.	48.	25 36	41.10	1.84
193	Salem	004	I01	123	19.	32.	47.	63	87	109.	120	140	142				
193	Woodburn	002	F01	39	15.	27.	35	59	81	125	137.	155	155				
194	Ashland	001	F01	15	18	21	36	50	56	80	89.	89	89				
194	Coos Bay	001	F01	65	19	32.	41	55	74	102	134	174	174.				
194	Curry Co	001	A03	25	13.	25.	36	47	60	92	114	138.	138.	54	29 03	47.45	1 71
194	Grants Pass	001	F01	6	52.	52.	57	99	114	120.	120	120	120				
194	Medford	001	A01	23	46.	58.	76	104	128	182	233.	321.	321.	116	64.05	102 96	1 63
		001	F01	23	46.	58.	76	104.	128	182.	233.	321	321.	116.	64.05	102 96	1 63
		002	F01	112	24	43	70	85	106	159	192	235.	301.	95.	48 07	84 45	1 63
		004	F01	30	27	40	78	114	143	179	219	273	273				
194	Roseburg	001	F01	15	19.	26.	53	63.	82	185.	194	194	194				
PENNSYLVANIA																	
045	Philodelphia	001	A01	26	88	94	117	122.	146	164	180	182.	182.	129	25 60	126 78	1 22
		001	H01	26	88.	94	117	122.	146	164.	180.	182.	182.	129	25 60	126 78	1 22
		002	A01	164	37	66.	94.	118.	147	186	271.	354	386	129	61 42	116 46	1.55
		002	A10	164	37	66	94	118	147	186	271.	354	386.	129.	61 42	116 46	1.55
045	Warminster	001	A01	25	15.	20	35	47	68	76	81	83	83	50	21 95	44 24	1 69
045	West Chester	001	A01	26	25	35	52	66	86	106	111	137.	137	70.	26.27	65 08	1 49
151	Allentown	001	A01	25	38	64.	81.	99	112	165.	166	183.	183	103	37.03	96 35	1 45
151	Hozleton	001	A01	23	33	43.	67	88.	123	228	259.	402	402	118.	85 65	97 18	1 86
151	Reading	001	A01	26	26	52	74	90	107	191	208.	226	226	99	46 18	90 53	1 56
151	Scranton	001	A01	26	59	91	145.	193.	269	402	446	472	472	226.	119 72	194.91	1 77
151	Wilkes-Barre	001	A01	25	45	54	62	91.	113	148	204	233	233	99	46 24	90 04	1.54
178	Clarion Ca	001	A03	26	6	14	21	29.	41.	58	89	100	100	34	21.91	28.78	1 85
178	Cleorfield Co	001	A03	26	8.	16	21	33	56.	101	118	130	130	47.	32 99	36.62	2 07
178	Erie	001	A01	32	21	48.	65	75	91	166	259	402	402	95.	72.85	79.38	1 77
		002	A01	25	10.	26	48	65	102	160	194	211	211	81	52.77	64.87	2 09
195	Altoona	001	A01	23	19	46	73.	91	118	158	213.	224	224	100.	51.62	86.12	1 83
195	Bethlehem	002	A01	25	42	56	67	84	97	135	136	174	174	88	31 88	83.35	1 42
195	Clinton Co	002	F01	31	45	70	93	110	120	150.	200.	200.	200				
		004	F01	32	26	42	67	85	130	190	190	330	330.				
195	Jersey Shore	001	F01	34	39	68.	98.	130.	180	230	270	320	320				
		004	F01	33	14	49.	81	100.	130	160	180.	230.	230				
195	Johnstown	001	A01	24	56	66	85	109	122.	221	223.	228	228	120	55 61	109 46	1 55
195	Lock Haven	002	F01	33	37	46	62	76	97.	120	140	160	160				
		003	F01	33	25	31	45	62	72	91	98	120	120				
		005	F01	32	53	82.	100.	130	150	180	200	220	220				
		008	F01	33	17	22	36	50	61	72	93	110	110				
195	Lycoming Co	003	F01	31	49	88	110	130	160	190	230	230	230.				

**PARTICULATE, micrograms per cubic meter (25 C)
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Site location	Site No	Ag/ proj	No obs.	Min. obs.	Percentiles						Max obs	Arithmetic		Geometric		
					10	30	50	70	90	95		99	Mean	Std dev	Mean	Std dev
PENNSYLVANIA — Cont.																
	005	F01	29	25	28	42	58.	95	120	130	150	150				
195 Montoursville	004	F01	32	30	42	62	73	84	120	140	150	150.				
195 Williamsport	007	F01	32	51	66	89.	98	120	150	200	270	270				
	009	F01	33	38	58	72	99	120	170	200	240	240				
	012	F01	30	42	53	90	110	140	210.	240.	250	250				
	014	F01	35	42.	87	120	140	170	210	260	300	300				
196 Harrisburg	001	A01	24	21.	44.	54	68.	83	98	100	101	101	68	22 16	63 35	1 48
196 Lancaster City	001	A01	5	81	111	140	243	279	279	279	279	279				
196 York	001	A01	26	53.	57	80.	108	139	168	172	186	186	109	40 15	101 50	1 48
197 Indiana Co	001	A05	26	18	25	41	54	68	88	94	94	94	56.	23 44	50 58	1 61
197 Pittsburgh	001	A01	26	40.	73	104	147	203	283	292.	366.	366	165	82 38	144 36	1 73
PUERTO RICO																
244 Bayamon	002	A01	25	28	62	71.	79	99	133.	178	267	267	93.	46 29	84 73	1 51
244 Catano	002	A01	26	92.	96	128	144	196	291.	333	453	453	174	81 91	160 25	1 48
244 Guayanilla	001	A01	1	30	30.	30	30.	30	30	30	30	30				
	002	A01	23	25	32	37	44	54	62	66.	68.	68	45	12 14	43 33	1 32
244 Ponce	001	A01	2	91	91	91	91	213	213	213	213	213				
	002	A01	23	57	60.	71	79	93	102	103	160	160	83	22 12	80 99	1 27
244 San Juan	001	A01	26	49.	60	70	73	87	104	104	121	121	79	16 58	77 00	1 23
RHODE ISLAND																
120 East Providence	001	A01	25	32	35	54	63	75	88	98.	100	100	65	18 24	62 02	1 36
120 Providence	001	A01	26	35.	42	70	74	97	120	120.	128	128.	80	26 69	75 77	1 44
120 Washington Co	002	A03	27	14	17	23.	27	32	54	64	66	66	30	13 74	27 74	1 50
SOUTH CAROLINA																
200 Columbio	001	A01	22	23	26	35	41	46	56	58	59	59	41	11 26	39 26	1 34
	001	H01	22	23	26	35	41	46	56	58	59	59	41	11 26	39 26	1 34
200 Richland Co	001	A03	25	21.	26	37.	42.	47	60	62.	76	76.	42	12 87	40 40	1 37
	002	A03	6	14	14	14	16	24	35.	35	35	35.				
202 Greenville	001	A01	25	36	43	69	84	95	112	126	152	152.	81	27 78	75 99	1 44
	001	F01	25	36	43	69	84.	95	112	126	152	152	81	27.78	75 99	1 44
SOUTH DAKOTA																
087 Sioux Falls	001	A01	23	29	35	43.	64	69	99	102	110	110				
205 Black Hills Nat Forest	001	A03	26	3	5	9	11	15	33	33	34	34	14	9 56	11 49	1 93
TENNESSEE																
007 Cumberland Co	001	A03	23	6	13	16	32	41	56	76	81	81	34	20 46	27 71	1 95
018 Memphis	001	A01	26	28	44	52	66.	91	135	136	154	154	76	34 93	69 13	1 58
	001	G01	39	28	44	62	78	103	135	149	154	154	83	33 98	76 43	1 54
	002	G01	29	23	58	94	110.	127	167	185	206	206				
	003	F01	31	40	76	92	119	144	153	199	252	252				
	004	F01	36	47.	53	76	92	113.	134	155.	159	159				
	005	G01	35	42	67	94.	122	158.	206.	277	296	296				
	006	F01	33	22	40	68	83	94	146	158	194	194				
	008	F01	37	49	87	120	129	160	192	218	229	229				
055 Chattanooga	001	A01	26	60	69	86	97	137.	164	195	202	202	111	39 24	105 20	1 41
	001	H01	63	60.	84	139	164	186	241	289	356	356	168	63 58	156 08	1 50
	006	G01	30	161	196	261	318	332	410	416	456.	456				
	007	H01	42	66	90.	121	162	190	214	226	285	285.				
055 Hamilton Co	001	H01	42	1	62.	69	78.	89	100	105	113.	113				
207 Knoxville	001	A01	24	38.	49.	68	79	105	152	165	168	168	93	39 81	85 41	1 55
	002	A01	26	43	58	78	108.	153.	194.	206	266	266	119	54 94	107 63	1 60
	003	G01	138	40	59	82	103	139	205	221	274	310	118	54 09	106 64	1 56
	004	G01	137	35	56	80	118	161	280.	356	452	465	142	92 27	118 85	1 82
	005	G01	128	31	48	76.	101	153	298	375	463	572	140	104 51	112 21	1 92
	006	G01	139	28.	46	64.	76	103	140	156	185	226	87	37 99	79 63	1 54
	007	G01	135	22	48.	66	90.	126	162	197	244	281	101	49 97	89 69	1 65
	008	G01	135	30	53	70	87.	123	221	268	319	407	113	68 87	97 57	1 69
208 Nashville	001	A01	25	41	48	64	93.	115	163	167	197	197	98	42 99	88 75	1 56

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Site location	Site No	Ag/ proj.	No obs.	Min obs	Percentiles							Max obs	Arithmetic		Geometric		
					10	30	50	70	90	95	99		Mean	Std. dev	Mean	Std dev	
TEXAS																	
022	Texarkano	001	F01	25	24.	34	38.	57	76.	90	98	99	99.	59	23 97	54.20	1.54
022	Tyler	001	F01	20	27.	34	43	54	70.	109.	161	165.	165				
		002	F01	6	61.	61	80	90	103	142	142	142	142				
106	Beaumont	001	A01	1	35	35	35	35	35	35	35	35	35				
		001	F01	23	16	21.	49	67.	82	87	88	95.	95	61	23 61	55 03	1 66
106	Groves	001	F01	3	74	74	74.	82.	97.	97	97	97	97				
106	Orange	001	F01	20	39.	40	54.	62.	68	83	105	123	123				
106	Port Arthur	001	F01	21	23	45	67.	77	91	114	131.	140.	140				
153	El Paso	001	A01	5	51	51	68.	124.	163	169	169.	169	169				
		001	F01	4	55	55	96	96	105	157.	157	157	157				
		002	A01	18	67	80.	133	147.	207	246	315	315	315				
		002	G01	19	60	75.	91.	116.	159.	256	334	334	334				
210	Wichita Falls	001	F01	24	17	32	53.	66	75	118	163	176	176	74	39.82	64.64	1.74
211	Amarilla	001	F01	14	4.	15	33	36	63	80	149	149	149				
211	Lubbock	001	F01	25	13	21	45	70.	99	136.	174	318.	318	82.	63 73	63.55	2 12
212	Austin	001	F01	2	42	42	42.	42.	81	81	81	81	81				
		002	F01	24	13	33	41	49.	62.	76.	77	103	103	53	20 03	48.84	1 56
212	Waco	001	F01	26	33	42.	56	72.	86	124	129.	165	165	76	30 85	70.29	1.49
213	Harlingen	001	F01	26	16	30	38	52	76	114	128	171	171.	61	36 00	52.94	1 74
213	Laredo	001	F01	22	37	66.	123.	132	163	287	483	486.	486	164.	116 35	136.22	1 84
213	Mc Allen	001	F01	23	14	47	61	78	85	128	142	359	359				
213	San Benito	001	F01	24	37.	47	71.	77	116	468	712	1599	1599				
214	Corpus Christi	001	G01	26	18.	44	52	55	65	94.	137	141	141	63	27.33	57.83	1.52
		002	F01	2	15	15	15	15.	47	47	47	47	47				
		003	F01	23	24	32	38	44	50	79	85	101	101	49	19 85	45 59	1 45
		004	F02	21	30	32.	50	59	72	87	90	165	165				
215	Dallas	002	A01	26	35	40	57.	77.	93	117	117	275.	275	84	46 22	75 84	1 55
215	Fort Worth	001	A01	25	30	46	68.	77	102	128	182	192	192	88	38 66	80 51	1 53
		001	H01	84	16	52	75	89	122	180	252	543	543	115	83 10	96 12	1 80
		004	H01	94	27	50	85	119	168	286.	370	490	490				
		005	H01	102	17	40	58.	83	97	142.	159	230	408				
		006	H01	108	13	35	61	72	88	125	149	210	210.				
		007	H01	76	7	27	39	53	64	91	106.	297	297				
		008	H01	81	16.	43	56	66.	79.	109	147	351.	351.				
		009	H01	90	15	43	58	65.	80	144	211	451.	451				
		010	H01	100	17	30	43	55	74	99	134	198.	287				
		011	H01	104	11	25	37	46	61	98	117	130.	300				
		012	H01	102	6	26	38	47	60	82	97	178	334				
		013	H01	79	14	34	54	67	81	120	178	354	354				
		014	H01	86	21	38	59	76	97	170	189	330	330				
		015	H01	94	17	22	30	40	51	72	98	140	140				
		017	H01	85	17.	31	42	58	73	96	110	429	429				
216	Baytown	001	F01	26	3	9	29	36	44	69	74	84	84	37.	20 03	30.37	2 13
		002	F01	26	20	27	53	65.	80	92	106	126	126	66.	25 41	60.85	1 58
216	Chambers Co	001	F03	25	13	23	29	30	38	59	69	80	80.	36.	15 45	32.84	1.50
		002	F01	26	17	24	33	44	57	84	85	94.	94.	49	21.43	43 99	1.60
		003	F01	23	4	23	27	37	53	62	72	120	120.	42.	23 69	36 00	1 93
216	Clute City	001	F01	5	25	25	43	75	81	81	81	81.	81.				
		002	F01	18	37	38	69	83	94	175	176	176.	176				
216	Galveston	001	F01	26	27	32	42	47.	75	93	139	158	158	62	32 98	54 99	1 62
216	Houston	001	A01	25	47	61	74	89	110.	117	119	128	128	88	23 10	85 35	1 32
216	Matagorda Co	001	A03	26	11.	15	23	25	35	48.	57	58	58	30	12 32	27 12	1 53
216	Posodena	002	A01	24	22	53	65	75.	92.	129.	140	149	149	83	30 19	77 04	1 49
		002	H01	24	22	53	65	75.	92.	129.	140	149	149	83	30 19	77 04	1 49
216	Texas City	001	F01	26	20	40	45	57	72	102	121	140	140	64	27 64	58 64	1 54
217	San Antonio	001	A01	26	26	33	38	43	57	89	90	142	142	53	25 87	48 69	1 50
		001	G01	97	18	34	42	50	67	111	147.	171	171	62	32 92	55 12	1 58
		002	G02	72	9	25	51	65	84	123	130.	150	150				
		003	G01	73	7	19	28	35	42	66	84	491	491				
		004	G01	93	7	15	26	32	44	57	80.	250	250.				
		005	G01	120	12	24	32	38.	47	70	82	106	146	44	20 70	39 54	1 55
		006	G01	119	5	15	24.	28	38	51	66	82	89	32	15 50	28 31	1 69
		007	G01	121	18	39	57	65	78	107	119	147	165	70	26 84	65 00	1 49
		008	G01	119	14	23	30	38	51	68	82.	157	429	46	40 68	39 95	1 60
		009	G01	120	11	18	26	32.	40	51	57	145	286	37	27 99	32 38	1 58
		011	G01	120	9	22	32	37	43	60	67	79	146	40	17 04	36 86	1 50
		012	G01	117	20	54	91	111	140	179	227	278	317	118	53 62	104 38	1 71
		013	G01	120	11	43	56	66	75	105	118	133	189	70	26 19	65 12	1 49
		014	G01	72	6	21	30	38	49	59	73	120	120				

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					10	30	50	70	90	95	99		Mean	Std dev.	Mean	Std dev
TEXAS -- Cont.																
	015	G01	122	18	38	64	82	100	127	137	177	187	84	34 00	76 65	1 58
	017	G01	109	13	26	37	51	61	74	83	90	107	49	18 63	45 73	1 51
	018	G01	121	12	28	38	46	54	69	97	127	144	49	21 33	44 90	1 49
	019	G01	71	13	23	37	59	78	103	109	142	142				
	020	G01	61	12	23	39	57	71	90	121	152	152				
	021	G03	117	1	17	25	31	38	53	98	135	145	36	23 44	29 67	2 07
	022	G02	9	19	19	22	42	51	84	84	84	84				
218 Odessa	001	F01	26	16	25	57	71	92	123	134	252	252	78	47 00	66 48	1 82
218 Tom Green Co	001	A03	10	14	14	26	35	38	44	63	63	63				
UTAH																
220 Magna	001	F02	298	7	25	50	67	84	122	194	355	402				
220 Ogden	001	A01	286	18	40	70	86	100	154	186	284	292	93	46.71	82 29	1 64
220 Provo	001	F01	301	14	52	81	94	113	151	201	283	307				
220 Salt Lake City	001	A01	26	32	44	59	73	104	152	182	299	299	90	56 56	78 36	1 68
	003	F01	273	16	42	68	89	107	167	209	297	378				
	004	F01	300	13	42	76	97	119	153	171	233	306				
VERMONT																
159 Burlington	001	A01	23	18	25	29	43	54	69	78	102	102	46	19 89	42 13	1 53
221 Barre	001	F01	23	18	27	35	49	60	96	98	112	112				
221 Orange Co	001	A03	26	7	16	24	29	32	45	52	53	53	29	10 62	27 17	1 53
VIRGINIA																
047 Alexandria	008	H01	8	49	49	69	71	87	120	120	120	120				
	018	G01	114	1	32	43	51	65	87	115	177	197				
047 Arlington Co	002	G01	5	32	32	42	48	50	68	68	68	68				
047 Fairfax	003	G01	68	20	29	35	47	58	74	96	139	139				
047 Fairfax Co	006	G01	112	12	39	57	69	85	113	121	131	172				
	011	G01	110	12	27	41	50	63	89	105	144	190				
047 Leesburg	001	F02	21	17	28	37	41	48	58	73	74	74				
047 Manassas	001	F01	14	17	24	40	48	60	80	84	84	84				
047 Springfield	001	G01	86	28	36	46	59	79	115	134	196	196				
207 Saltville	002	F02	11	30	93	224	230	280	361	445	445	445				
207 Wythe Co	001	A03	25	16	19	23	29	39	62	67	142	142	38	26 27	32 28	1 68
222 Amherst Co	001	F01	3	25	25	25	34	55	55	55	55	55				
222 Bedford	002	F01	1	22	22	22	22	22	22	22	22	22				
222 Buckingham Co	002	F02	24	23	39	48	59	66	77	80	97	97				
	006	F02	22	13	34	56	110	155	215	307	311	311				
222 Campbell Co	002	F02	4	33	33	33	33	43	54	54	54	54				
222 Danville	001	A01	25	36	47	57	71	94	120	120	124	124	75	26 97	69 96	1 44
222 Lynchburg	001	A01	25	42	60	77	89	94	143	146	161	161	93	29 13	88 47	1 37
222 South Boston	001	F01	14	14	14	25	34	42	55	80	80	80				
223 Chesapeake	001	F02	9	40	40	60	75	93	154	154	154	154				
223 Hampton	001	A01	26	21	25	34	41	52	74	97	104	104	48	21 06	43 80	1 51
223 Newport News	001	A01	24	20	40	56	68	74	102	112	134	134	67	26 43	62 05	1 55
223 Norfolk	001	A01	26	49	61	71	82	103	135	192	211	211	94	38 75	87 84	1 42
223 Portsmouth	001	A01	26	37	50	65	72	92	144	147	148	148	83	30 77	77 88	1 43
224 Fluvanna Co	002	F02	22	38	50	72	81	103	115	122	125	125				
225 Henrica Co	004	F02	11	21	24	31	42	42	46	55	55	55				
225 Hopewell	002	F02	17	33	38	66	72	94	117	198	198	198				
225 Richmond	001	A01	25	51	53	66	85	92	119	126	134	134	83	23 82	79 93	1 33
	002	A01	25	51	53	66	85	92	119	126	134	134	83	23 82	79 93	1 33
	002	H01	34	51	53	76	89	109	134	146	149	149	93	28 43	88 58	1 37
	003	H01	9	53	53	73	81	94	107	107	107	107				
	004	H01	9	90	90	99	111	117	153	153	153	153				
226 Giles Co	001	F02	10	128	128	445	757	812	1503	1806	1806	1806				
226 Radford	006	F02	13	31	43	49	59	63	99	115	115	115				
226 Roanoke	001	A01	26	48	53	67	85	105	136	155	164	164	91	32 70	85 43	1 43
226 Shenandoah Nat Park	001	A03	27	14	16	27	32	36	52	54	75	75	33	13 35	30 91	1 48
226 Warren Co	001	F02	15	25	25	35	49	82	92	182	182	182				
WASHINGTON																
000 Auburn	001	I01	79	10	18	33	54	82	117	159	374	374	67	59 57	50 81	2 11

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					10	30	50	70	90	95	99		Mean	Std dev.	Mean	Std dev.
WASHINGTON — Cont.																
062 Spokane	001	A01	25	19	36	52	70	103	142	158	403	403.	90.	74.35	73.71	1.86
	011	F01	104	19.	39	63	83	127	188	214.	403	409	107	73.16	88.37	1.87
193 Centralia	001	I01	87	7.	11.	20	26.	37	56	71	95	95.	31	19.16	26.29	1.83
193 Vancouver	002	F01	87	20	39	52.	71	90.	125	142	165	165	76.	33.14	68.90	1.57
	004	I01	38	37	61.	560	694	1020	1280	1428	1550	1550				
227 Wenatchee	001	F01	75	21.	32.	48	64	84	139.	188	213	213.	77.	45.43	65.64	1.75
228 Bellingham	003	I01	84	11	32	57	74.	112	156	209.	381	381.	92.	66.40	73.01	2.02
	004	I01	50	24.	29	46.	68.	106	154	175.	291	291.				
228 Lacey	001	I01	37	15.	24	36	53	66	95.	116	119	119.				
228 Olympia	001	F01	91	6.	13	30	39.	58	95.	113.	212	212.	50.	35.03	39.19	2.05
228 Raymond	001	I01	26	17.	25.	29	40.	53.	91	138	155	155				
228 Shelton	001	I01	11	15	23	38.	45	55	69	197	197	197				
228 Skagit Co	001	I01	20	31	56	68.	133	158	218	243	349	349.				
	002	I01	53	15.	56	98	153	255	862	1086	1693.	1693.				
	003	I01	30	9.	14.	16.	24.	28	38	43.	56	56				
	005	I01	16	9.	9.	33	43	99	417	431	431	431				
228 Whatcom Co	001	I01	6	6	6	9	9	22	26	26	26	26				
229 Bellevue	001	I01	86	12.	20	32	52	69	82	108.	164	164.	54	29.75	46.37	1.78
229 Bremertan	001	F01	88	8.	21	29	38.	47	77	89	179	179	45	25.70	38.77	1.70
229 Everett	001	I01	81	13	20	27	40	49	73	81	102	102	43.	21.41	37.96	1.65
	002	F01	68	23	31	47	56	70	111.	127	156	156	63	29.21	57.06	1.56
229 King Co	001	I03	81	3	5	9	12	23	47	71.	78	78	21	19.45	14.21	2.39
	002	A03	20	10.	11	20.	41	48	52	62	77	77				
229 Marysville	001	I01	81	9.	23.	38.	59	92	129.	139	177.	177	70	42.44	56.94	2.00
229 Pierce Co	001	I01	82	10	27	52.	72	91	141	143	233	233	78	44.45	65.41	1.93
229 Renton	001	I01	87	11	20	32	49	61	106	127	149	149	55.	33.21	45.34	1.87
229 Seattle	001	A01	26	16.	35	38	49	68.	103	140	170.	170.	62	35.47	54.36	1.67
	002	F01	75	17.	29.	44	63.	82	124	152	323.	323	71.	47.38	60.44	1.78
	005	I01	91	36.	52.	86.	111	144	196	252	472.	472	125	73.16	107.74	1.72
	006	I01	90	13.	31.	47.	61	81.	116	136.	214	214	70	36.54	61.27	1.68
	007	I01	88	15	32	43	49	61.	95	140.	202	202.	59.	32.29	52.89	1.59
	009	I01	88	7	35.	43	57.	70	94	117	177.	177	62	28.03	56.10	1.58
229 Tacoma	001	A01	26	26	37	41	64.	88	181.	230	251.	251	82.	57.65	68.58	1.80
	001	I01	51	16.	24.	40	53	80	115	163.	223	223	66.	42.83	54.44	1.86
	002	I01	73	11	18	37	53	71	114	124	157	157	60	35.74	48.99	1.96
	003	I01	90	10	19	31.	50	70.	98	113	198	198.	56	34.84	45.91	1.94
	004	I02	83	19	44	69	87.	117	159	198	240	240	98	46.88	87.30	1.67
WEST VIRGINIA																
234 Charleston	001	A01	25	56.	88.	131	163.	212	433.	453	493.	493	213	133.07	177.21	1.86
WISCONSIN																
128 Eau Claire	002	A01	23	14	23	33.	41.	59.	72.	75.	99.	99.	45	20.39	41.14	1.60
129 Superior	001	A01	26	29.	37.	55.	59.	78	105	120	133.	133.	67	25.17	62.93	1.45
	001	F01	26	29.	37.	55.	59.	78.	105.	120.	133	133	67	25.17	62.93	1.45
237 Door Co	001	A03	25	4	5	10	14.	24	30	34.	35	35	17.	9.28	14.34	1.85
239 Kenosha	001	A01	26	29.	35.	51	63.	79	166	169	182	182	78.	45.63	67.12	1.70
	001	F01	26	29	35	51	63.	79.	166	169	182	182.	77.	45.63	67.12	1.70
239 Milwaukee	001	A01	26	51.	59.	78	101.	136	259.	280	296.	296.	124	68.78	109.64	1.65
	001	G01	26	51	59.	78.	101.	136	259.	280.	296.	296.	124	68.78	109.64	1.65
239 Racine	001	A01	24	10	13	48	55.	63	110	125.	127	127	60	32.94	49.72	1.99
	001	F01	24	10	13	48	55.	63	110	125.	127	127	60	32.94	49.72	1.99
240 Madison	001	A01	25	27.	35	43	56.	69	117.	163	268.	268	68	50.69	58.55	1.67
WYOMING																
241 Casper	001	A01	25	23.	27.	46.	59	91	111	136	163	163	69	36.27	60.77	1.71
242 Cheyenne	001	A01	25	7	16.	20	22	38	68	80.	82.	82.	32.	19.69	27.47	1.76
243 Grand Teton Nat Park	001	A03	9	4.	4	5	6	16	26	26	26	26				
243 Yellowstone Nat Park	001	A03	23	2	3	4	5	12	19	19	20	20	8	5.84	6.64	2.00

**CARBON MONOXIDE, milligrams per cubic meter (25 C)
INSTRUMENTAL NONDISPERSIVE INFRA-RED, 1 hour**

1969 Annual Report

Site location	Site No	Ag/ proj.	No obs.	Min obs	Percentiles								Max obs	Arithmetic		Geometric	
					10	30	50	70	90	95	99	Mean		Std. dev	Mean	Std dev	
ARIZONA																	
015	Phoenix	002	G01	6452	.2	2	1.1	2.3	4.6	14.9	21.8	34.5	43.7				
CALIFORNIA																	
024	Anaheim	001	I01	4271	.2	2.3	3.4	5.7	6.9	10.3	12.6	18.4	62.1				
024	Azusa	002	I01	8465	1.1	1.1	2.3	3.4	5.7	8.0	9.2	12.6	21.8	4.5	2.78	3.60	2.00
024	Burbank	002	I01	8508	1.1	1.1	3.4	5.7	8.0	14.9	19.5	33.3	62.1	7.2	6.47	5.15	2.33
024	La Habra	001	I01	4518	2	4.6	6.9	9.2	11.5	13.8	16.1	21.8	32.2				
024	Lennox	001	I01	8429	1.1	2.3	3.4	4.6	6.9	14.9	19.5	32.2	74.7	6.6	6.44	4.69	2.22
024	Long Beach	002	I01	8544	1.1	2.3	3.4	4.6	6.9	11.5	14.9	23.0	42.5	6.1	4.33	5.02	1.89
024	Los Angeles	001	I01	8163	1.1	3.4	4.6	5.7	8.0	13.8	17.2	27.6	44.8	7.5	5.13	6.25	1.84
		002	I01	8406	1.1	2.3	3.4	4.6	5.7	10.3	13.8	23.0	48.3	5.5	4.15	4.51	1.82
024	Los Angeles Co	001	I01	8442	1.1	2.3	3.4	4.6	6.9	11.5	14.9	26.4	51.7	6.1	5.07	4.68	2.08
024	Pomona	001	I01	8554	1.1	3.4	4.6	4.6	6.9	9.2	11.5	18.4	31.0	5.8	3.16	5.16	1.62
024	Redlands	001	I01	7477	.2	1.1	2.3	2.3	3.4	4.6	5.7	9.2	23.0				
024	Riverside	001	I01	5158	2	1.1	2.3	4.6	6.9	10.3	11.5	17.2	27.6				
024	San Bernardino	001	I01	8495	2	2.3	3.4	4.6	5.7	8.0	10.3	13.8	25.3	4.8	2.70	4.03	1.93
024	San Bernardino Co	002	I01	762	2	1.1	1.1	1.1	2.3	3.4	3.4	4.6	6.9				
025	Monterey	001	I01	6804	1.1	1.1	1.1	1.1	2.3	2.3	3.4	6.9	16.1				
025	Salinas	001	I01	2316	1.1	1.1	1.1	2.3	2.3	3.4	3.4	5.7	9.2				
028	Sacramento	002	F01	8482	2	.2	1.1	2.3	2.3	5.7	8.0	19.5	56.3	2.7	3.77	1.61	2.88
030	Burlingame	001	I01	4310	1.1	2.3	3.4	4.6	6.9	10.3	11.5	14.9	23.0				
030	Fremont	002	I01	6908	1.1	1.1	2.3	3.4	4.6	6.9	8.0	10.3	18.4				
030	Livermore	002	I01	1841	1.1	1.1	3.4	4.6	5.7	9.2	11.5	13.8	19.5				
030	Napa	001	F01	1675	2	1.1	1.1	2.3	3.4	6.9	8.0	14.9	23.0				
030	Oakland	004	F01	8577	1.1	1.1	1.1	2.3	3.4	5.7	8.0	12.6	27.6	3.1	2.39	2.45	1.89
030	Pittsburg	001	I01	8618	1.1	1.1	1.1	1.1	2.3	2.3	3.4	5.7	13.8	1.8	1.08	1.58	1.56
030	Redwood City	001	I01	8677	1.1	1.1	2.3	2.3	3.4	4.6	5.7	9.2	21.8	3.1	1.72	2.66	1.70
030	Richmond	002	I01	8529	1.1	1.1	1.1	2.3	2.3	4.6	5.7	10.3	21.8	2.6	1.76	2.17	1.72
030	San Francisco	003	I01	8608	1.1	2.3	3.4	4.6	4.6	6.9	8.0	12.6	27.6	4.5	2.12	4.12	1.53
030	San Jose	002	I01	8597	1.1	1.1	2.3	2.3	3.4	6.9	9.2	14.9	29.9	3.4	2.85	2.66	1.95
030	San Rafael	001	I01	8590	1.1	1.1	1.1	1.1	2.3	3.4	4.6	8.0	23.0	1.9	1.53	1.60	1.65
030	Santa Rosa	001	F01	5809	2	1.1	1.1	2.3	2.3	3.4	4.6	6.9	11.5				
031	Bakersfield	001	F01	8479	.2	1.1	1.1	2.3	3.4	5.7	6.9	11.5	24.1	2.7	2.31	2.05	2.12
031	Fresno	002	F01	7745	.2	1.1	1.1	1.1	2.3	4.6	5.7	11.5	32.2				
		003	F01	828	.2	1.1	2.3	3.4	4.6	8.0	9.2	16.1	28.7				
		004	F01	7564	2	1.1	1.1	1.1	2.3	3.4	4.6	10.3	34.5				
031	Stockton	002	F01	7942	1.1	1.1	1.1	1.1	2.3	3.4	4.6	9.2	27.6	1.9	1.62	1.61	1.65
		004	F01	8358	1.1	1.1	2.3	2.3	4.6	6.9	9.2	14.9	37.9	3.6	3.13	2.76	2.06
COLORADO																	
036	Denver	002	A10	7527	2	1.1	3.4	5.7	8.0	12.6	16.1	25.3	63.2				
DISTRICT OF COLUMBIA																	
047	Washington	003	A10	6056	.2	1.1	2.3	3.4	4.6	6.9	9.2	14.9	28.7				
ILLINOIS																	
067	Chicago	002	A10	6251	.2	2.3	5.7	8.0	11.5	16.1	19.5	26.4	47.1				
KENTUCKY																	
079	Newport	001	F01	2297	.2	.2	.6	2.3	4.6	10.3	11.5	14.4	20.1				
MICHIGAN																	
123	Port Huron	003	F01	881	2	2	1.1	1.1	2.3	3.4	3.4	4.6	5.7				
MISSOURI																	
070	St Louis	002	A10	7661	2	3.4	4.6	5.7	6.9	9.2	11.5	16.1	29.9				

**CARBON MONOXIDE, milligrams per cubic meter (25 C)
INSTRUMENTAL NONDISPERSIVE INFRA-RED, 1 hour
1969 Annual Report**

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs	Percentiles							Max. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
NEW JERSEY																
043 Bayonne	003	F01	7615	.2	2	.8	1.3	1.8	2.8	3.5	6.1	26.0	1.5	1.41	1.08	2.37
043 Linden	001	F01	6862	1.1	1.1	2.3	2.3	3.4	5.7	8.0	13.8	32.2				
043 Middlesex Co	001	F01	6726	2	1.1	1.1	1.1	2.3	3.4	4.6	8.0	16.1				
043 Newark	002	F01	7573	.2	1.6	3.0	4.3	5.9	9.0	11.0	15.8	55.9				
	005	F01	736	.2	2.3	3.6	4.9	6.8	10.9	12.3	16.1	26.7				
045 Camden	003	F01	6962	.2	8	1.6	2.3	3.2	5.1	6.5	9.7	51.6	2.8	2.09	2.14	2.15
NEW MEXICO																
152 Albuquerque	002	H01	5880	2	1.1	2.3	3.4	4.6	6.9	8.0	14.9	31.0				
NEW YORK																
043 New York City	014	H01	8095	2	1.1	2.3	3.4	4.6	6.9	8.0	12.6	26.4				
	023	H01	2128	4.6	6.9	12.6	16.1	19.5	27.6	33.3	41.4	51.7				
	058	H01	7629	2	6.9	12.6	18.4	26.4	41.4	50.6	69.0	103.5				
	060	H01	6111	2	6.9	11.5	17.2	25.3	39.1	47.1	59.8	115.0				
	062	H01	2128	1.1	3.4	5.7	10.3	14.9	21.8	26.4	34.5	57.5				
OHIO																
079 Cincinnati	003	A10	4718	2	2	1.1	2.3	3.4	6.9	10.3	12.6	27.6				
174 Akron	013	H01	2226	2	1.1	1.8	2.8	3.7	6.0	7.6	13.3	21.8				
174 Barberton	006	H01	3851	2	.7	1.1	2.3	2.3	4.4	5.7	9.2	17.2				
OREGON																
193 Portland	002	F01	8484	2	1.1	2.3	4.6	6.9	11.5	14.9	25.3	48.3	5.8	5.05	4.16	2.34
PENNSYLVANIA																
045 Philadelphia	002	A10	2803	2	2	2.3	3.4	4.6	6.9	9.2	12.6	23.0				
WASHINGTON																
229 Seattle	010	I01	3312	2	2	1.1	2.3	3.4	5.7	6.9	10.3	17.2				

**SULFUR DIOXIDE, micrograms per cubic meter (25 C)
INSTRUMENTAL WEST-GAEKE COLORIMETRIC, 1 hour**

1969 Annual Report

Site location	Site No	Ag/ proj.	No. obs	Min obs	Percentiles								Max obs	Arithmetic		Geometric			
					10	30	50	70	90	95	99	Mean		Std dev	Mean	Std dev			
COLORADO																			
036 Denver	002	A10	6329	13	13	13	13	13	79	105	236	1284							
DELAWARE																			
045 New Castle Co	006	F01	379	655	6550	6550	6550	12445	24890	30130	52400	62880							
DISTRICT OF COLUMBIA																			
047 Washington	003	A10	6311	13	13	13	52	79	131	157	262	445							
ILLINOIS																			
067 Chicago	002	A10	6721	13	13	13	79	236	445	603	996	4218							
MISSOURI																			
070 St Louis	002	A10	6366	13	13	13	52	105	236	341	603	1624							
NEW JERSEY																			
043 Bayonne	003	F01	8309	13	29	63	102	165	299	383	558	1297	139	121	31	95	08	2	57
043 Newark	002	F01	7490	13	13	60	105	160	301	398	634	1174							
	005	F01	712	13	105	157	210	314	524	655	943	1179							
045 Camden	003	F01	7611	13	13	42	100	181	354	490	888	2010							
OHIO																			
079 Cincinnati	003	A10	6267	13	13	13	13	13	105	131	236	760							
OKLAHOMA																			
186 Tulsa	111	F01	696	13	13	13	13	13	13	13	13	30							
	112	F01	1039	13	13	13	13	13	13	13	13	13							
PENNSYLVANIA																			
045 Philadelphia	002	A10	4679	13	13	13	52	105	210	314	524	1389							

**SULFUR DIOXIDE, micrograms per cubic meter (25 C)
INSTRUMENTAL CONDUCTIMETRIC, 1 hour**

1969 Annual Report

Site location	Site No	Ag/proj	No obs.	Min obs	Percentiles							Max obs.	Arithmetic		Geometric		
					10	30	50	70	90	95	99		Mean	Std. dev	Mean	Std dev	
ARIZONA																	
015 Phoenix	002	G01	6165	13	13	13.	13	13	13	13	13	37	23580				
CALIFORNIA																	
024 Anaheim	001	I01	8379	13.	13	13	13	13	52.	52	105.	288	19	20 63	15 66	1 68	
024 Burbank	002	I01	8103	13	13.	13	13	13	52	79	105	367	33	27 07	24 72	2 14	
024 La Habra	001	I01	6959	13.	13.	13	13	13	79.	105	183	367					
024 Lennox	001	I01	8272	13.	13	13	13	13	52	105	131	236	44	51 26	28 18	2 48	
024 Long Beach	002	I01	8043	13	13	13	52	79	131	183	314	1441	60	65 07	39 19	2 58	
024 Los Angeles	001	I01	7972	13	13	13.	52	52	105	105	157	236	46	35 00	32 98	2 34	
	002	I01	8266	13	13.	13.	13	13	52	79	105	341	27	23 46	20 23	2 00	
024 Los Angeles Co	001	I01	8369	13	13	13	13.	13	52	52	79	131	21	17 01	17 08	1 75	
024 Pomona	001	I01	8354	13	13	13	13	13	52	52.	79	105	33	25 42	24 47	2 12	
024 Riverside	001	I01	6680	13	13	13.	13	13.	52.	79.	105.	157.					
024 San Bernardino	001	I01	5668	13.	13.	13	13	13.	52	52	105	262					
COLORADO																	
036 Denver	002	A10	3388	13	13	13	13.	13	52	79	131	393					
CONNECTICUT																	
042 Hartford	003	F01	4038	13	26200	26200.	52400.	78600	83400	35800	66800.	86000					
042 New Britain	002	F01	5076	13	13	52	79.	131	236	314	498	1179					
042 New Haven	004	F01	3261	13	39	65.	84	131	183	210.	288	1965					
043 Greenwich	001	F01	3347	13	26200	26200	52400	52400	4800	31000	83400	14400					
043 Stamford	003	F01	3858	13	13.	13	55	131	262	367	655	26200					
DELAWARE																	
045 Newark	002	F01	3906	13	51	65	73	98	138	183.	255	524					
045 New Castle Co	001	F01	5040	13.	13.	59.	72	105	183	236.	380.	655					
	002	F01	1957	13	33	59.	79.	111	196	265.	485.	655					
	003	F01	4010	13.	46	65.	79.	111	177	229.	368	603					
	004	F01	3478	13	13	50	65	73	131	177.	308	531					
	005	F01	2816	13	52	65	79	105	131	162.	255	511					
	006	F01	4821	13.	13	52.	65	72	144.	203.	491.	950					
	007	F01	478	13	39	52	65	92	341	439.	603	655					
	011	F01	6033	13.	13	52.	68	105	183	241.	393	681					
045 Wilmington	004	F01	2861	13.	39	65.	92.	138	229.	341.	655	1153					
ILLINOIS																	
067 Chicago	002	A10	3709	13.	13.	13.	157	262	472	629.	969	1808					
	003	H01	6664	13	13	13.	39	79	229	360.	806	1873					
	004	H01	7410	13	13	46.	85.	157.	334.	458	779	1795					
	005	H01	7376	13.	13.	59	131	229	386	491	760	1526	175.	168 32	98 57	3 39	
	006	H01	7718	13.	13	72.	151.	262	524	688	1081	2554	222	238 97	116 82	3 62	
	007	H01	6734	13	13.	13	52.	105.	210.	282	465.	1369.					
	008	H01	7495	13	13	39.	72.	124	269	373.	609.	1526					
	009	H01	7553	13	13	52	105.	177.	380.	504	819	1827	161	176 93	90 25	3 22	
	010	H01	6435	13.	13	13	52	98	223	314	563	3039					
KENTUCKY																	
077 Ohio Co	001	N02	7850	13	13	13	13	13.	39	79	354.	1913					
	002	N02	6898	13	13	13.	13	13	13	65	301	2030					
	004	N02	7526	13.	13	13	13	13	13	13	13	341					
	006	N02	7551	13	13	13	13	13	13	65.	432	2777	29	96 07	15 94	1 95	
	009	N02	7912	13	13	13	13	13	65	105	472	2227	35	102 86	18 29	2 21	
	011	N02	7329	13	13	13	13	13	13	13	118	576					
	012	N02	7348	13	13	13	13.	13	13	13	170	1035					
	013	N02	7834	13	13	13	13	13	13.	52	367	1899	25	80 83	15 11	1 80	
	014	N02	7610	13	13	13	13	13	13	39	301	2437					
	015	N02	7780	13	13	13	13	13	39	79	354	2332	28	82 61	16 35	1 94	
	016	N02	7789	13	13	13	13	13	39	79	432	1572	30	82 68	16 65	2 03	
	017	N02	7858	13	13	13	13	13	52	92	380	1729	30	72 71	17 32	2 07	

**SULFUR DIOXIDE, micrograms per cubic meter (25 C)
INSTRUMENTAL CONDUCTIMETRIC, 1 hour**

1969 Annual Report

Site location	Site No	Ag/ proj	No obs.	Min obs	Percentiles								Max obs	Arithmetic		Geometric	
					10	30	50	70	90	95	99	Mean		Std dev.	Mean	Std dev.	
KENTUCKY -- Cont.																	
	018	N02	7500	13	13	13	13	13	13	79	406	1847	28	90.49	15.93	1.94	
	019	N02	6957	13	13	13	13	13	13	39	406	1467					
MASSACHUSETTS																	
042	Springfield	003	F01	1965	13.	52	89	144	236	427.	566	859	2754				
MISSOURI																	
070	St Louis	002	A10	3007	13	13	13	52	105	236	341	550	1546				
NEW YORK																	
043	New York City	014	H01	8738	13	105	157	236	341	550.	681	1022	2096	290	205.59	227.44	2.11
OHIO																	
079	Cincinnati	003	A10	2751	13	13	13	13	13	79	105	157	419				
174	Akron	013	H01	1771	13	13	13	52	131	314	367	655	2410				
174	Borberton	006	H01	2453	13	13	13	13	79	131	157	367	1022				
PENNSYLVANIA																	
045	Philadelphia	002	A10	2895	13	13	13	52	79.	210.	288	498	1389				

**SULFUR DIOXIDE, micrograms per cubic meter (25 C)
INSTRUMENTAL COULOMETRIC, 1 hour**

1969 Annual Report

Site location	Site No.	Ag/ proj	No. obs	Min obs	Percentiles							Max obs	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std dev	Mean	Std dev
ARIZONA																
012 Clifton	002	F02	1871	13	13	13	13	105	262	367	786	2620				
012 Douglas	002	F02	579	13	13	13	13	52	210	472	2934	4978				
	003	F02	4117	13	13	13	13	13	210	419	1153	4585				
015 Ajo	001	F02	3176	13	13	13	13	105	210	419	1362	4192				
015 Cloypool	001	F02	5366	13	13	13	52	157	419	707	1572	5240				
015 Gila Co	001	F02	5263	13	13	13	52	210	1153	2253	4454	5240				
015 Pinal Co	002	F02	3464	13	13	13	13	157	367	524	1100	5240				
MICHIGAN																
123 Port Huron	003	F01	1030	13	13	13	13	52	157	314	760	969				
NEW JERSEY																
043 Linden	001	F01	5603	13	13	13	52	105	183	236	445	1179				
043 Middlesex Co	001	F01	5895	13	13	52	52	105	183	288	498	996				
OREGON																
193 Portland	002	F01	7790	13	13	13	13	13	79	105	183	603	32	37 14	21 33	2 21

**SULFUR DIOXIDE, micrograms per cubic meter (25 C)
DAVIS INST SEQUENTIAL-CONDUCTIMETRIC, 1 hour**

1969 Annual Report

Site location	Site No	Ag/ proj	No. obs	Min. obs	Percentiles						Max obs	Arithmetic		Geometric		
					10	30	50	70	90	95		99	Mean	Std dev	Mean	Std dev
MASSACHUSETTS																
042 Springfield	003	F01	8515	13	29	68	105	173	351.	479	794	5947	161	198.70	102.73	2.68

SULFUR DIOXIDE, micrograms per cubic meter (25 C)
GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours
1969 Annual Report

Site location	Site No.	Ag/ proj	No obs	Min obs.	Percentiles							Max. obs	Arithmetic		Geometric		
					10	30	50	70	90	95	99		Mean	Std dev	Mean	Std dev	
ALABAMA																	
002	Montgomery	001	A01	26	3	5	7	7	9	19	22	24	24	10	5.88	8.48	1.73
004	Birmingham	003	A01	23	3	7	9	13	22	30	30	76	76				
005	Mobile	002	A01	24	5	7	9	11	11	23	25	100	100	15	18.78	11.67	1.83
ALASKA																	
009	Fairbanks	001	A01	25	5	5	7	8	9	16	23	28	28	9	5.45	8.34	1.54
ARIZONA																	
014	Grand Canyon Nat Park	001	A03	16	3	5	6	7	8	14	56	56	56				
015	Phoenix	002	A01	25	5	5	7	8	10	19	19	22	22	10	4.74	8.83	1.54
015	Tucson	001	A01	22	5	5	7	7	10	15	19	27	27	10	5.23	8.57	1.54
ARKANSAS																	
016	Little Rock	001	A01	25	3	5	7	8	11	19	51	61	61	13	13.66	9.35	1.99
019	El Dorado	001	A01	23	7	7	11	12	14	27	54	69	69	17	15.11	13.23	1.82
CALIFORNIA																	
024	Anaheim	001	A01	25	3	5	11	11	13	21	25	31	31	13	6.66	10.89	1.84
024	Glendale	001	A01	17	5	7	9	14	16	24	32	32	32				
024	Long Beach	001	A01	25	7	11	20	35	49	59	63	66	66	35	17.93	29.77	1.88
024	San Bernardino	001	A01	23	3	6	7	9	11	13	14	20	20	9	3.54	8.47	1.50
024	Santa Ana	001	A01	23	3	7	8	11	15	19	20	22	22	12	5.29	10.79	1.68
026	Humboldt Co	001	A03	15	5	5	7	7	7	11	15	15	15				
028	Sacramento	001	A01	18	3	5	6	7	7	13	15	15	15				
029	San Diego	001	A01	26	5	5	7	10	13	18	20	30	30	12	5.96	10.35	1.63
030	Berkeley	001	A01	23	3	7	8	10	14	21	30	73	73	14	14.19	11.10	1.95
030	Oakland	001	A01	20	7	7	11	15	17	35	69	74	74				
030	San Francisco	001	A01	25	3	3	7	9	14	27	80	82	82	15	20.58	9.56	2.42
030	San Jose	002	A01	26	3	5	7	8	11	14	14	19	19	9	3.53	8.23	1.52
031	Fresno	001	A01	16	5	5	8	9	11	14	17	17	17				
COLORADO																	
036	Denver	001	A01	21	5	7	12	14	18	30	36	39	39	17	10.02	14.70	1.81
		002	A01	26	5	7	9	11	23	31	40	46	46	17	11.29	14.21	1.91
CONNECTICUT																	
042	Hartford	001	A01	26	3	7	18	32	97	128	136	178	178	56	50.82	34.43	3.07
042	New Haven	001	A01	25	5	7	9	22	70	254	333	411	411	85	116.39	32.59	4.28
042	Waterbury	001	A01	25	5	7	9	11	25	60	109	125	125	25	31.29	15.65	2.51
043	Bridgeport	001	A01	22	3	16	28	39	62	93	142	197	197				
DELAWARE																	
045	Newark	001	A01	23	7	7	10	18	23	41	42	92	92				
045	Wilmington	001	A01	25	5	6	9	13	39	133	169	185	185	42	54.82	20.75	3.25
046	Kent Co	001	A03	24	3	7	13	18	28	37	42	45	45	21	12.35	17.00	2.13
DISTRICT OF COLUMBIA																	
047	Washington	001	A01	24	5	7	14	19	31	69	74	85	85	29	22.93	20.50	2.38
		003	A01	26	7	18	28	37	53	102	102	178	178	50	37.93	38.92	2.07
FLORIDA																	
049	Jacksonville	002	A01	26	5	5	9	12	16	27	32	33	33	14	7.54	12.72	1.68
050	Miami	002	A01	26	5	5	7	8	11	13	22	25	25	10	4.65	8.82	1.48
052	Monatee Co	005	G02	65	3	3	3	3	5	19	24	31	31	6	7.00	4.10	2.18
		008	G02	52	3	3	3	3	6	17	31	44	44	7	8.82	4.14	2.32

**SULFUR DIOXIDE, micrograms per cubic meter (25 C)
GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours**

1969 Annual Report

Site location	Site No.	Ag/ proj	No. obs.	Min. obs.	Percentiles							Max obs	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std dev	Mean	Std dev.
FLORIDA—Cont.																
	010	G02	63	3	3	3	3	9	15	27	44	44	8	8 61	4 97	2 37
	013	G02	60	3	3	3	3	6	18	32	55	55	8	10 45	4 57	2 48
052	St Petersburg	A01	26	5	7	10	16	30	71	82	91	91	26	24 74	17 83	2 37
052	Tampa	A01	25	5	7	11	18	26	37	55	112	112	23	22 23	17 18	2 14
GEORGIA																
002	Columbus	A01	21	3	5	7	7	9	16	17	28	28				
056	Atlanto	A01	26	3	5	9	13	38	57	59	83	83	26	22 62	17 40	2 58
058	Sovannah	A01	25	5	7	9	11	20	32	32	112	112	19	21 24	14 14	2 05
ILLINOIS																
065	Peorio	A01	22	3	5	16	28	51	66	96	298	298				
067	Calumet City	G01	99	3	3	3	3	3	3	3	3	3	3		2 50	1 00
067	Chicago	A01	23	5	12	26	96	170	303	330	346	346				
	002	A01	25	7	28	74	123	262	448	484	496	496	184	159 08	113 51	3 08
	003	H01	87	2	2	5	10	24	65	97	207	207	26	37 04	12 62	3 39
	004	H01	89	2	2	21	47	113	212	236	388	388	79	85 17	36 04	4 36
	005	H01	91	2	13	39	107	215	314	398	660	660	142	130 36	78 63	3 60
	006	H01	88	2	2	8	26	94	220	275	375	375	74	92 27	25 75	5 31
	007	H01	91	2	13	26	45	73	105	134	372	372	58	55 35	39 20	2 74
	008	H01	88	2	5	21	42	110	320	388	477	477	102	123 64	43 12	4 40
	009	H01	90	2	2	2	8	21	113	168	380	380	36	67 66	10 45	4 54
	010	H01	89	2	2	10	18	42	102	128	173	173	35	39 47	18 37	3 44
	011	H01	88	2	2	8	16	37	68	128	286	286	34	49 03	15 80	3 61
	012	H01	87	2	5	16	29	65	252	280	448	448	76	99 19	33 05	4 00
	013	H01	88	2	8	24	37	76	160	210	372	372	67	75 52	36 63	3 29
	015	H01	90	2	8	26	50	105	178	220	233	233	77	67 63	44 93	3 42
	016	H01	88	2	2	5	26	55	102	121	223	223	40	45 28	17 69	4 22
	017	H01	88	2	2	2	8	16	34	39	58	58	14	13 08	8 26	2 84
	018	H01	85	2	13	29	55	92	144	162	375	375	69	59 09	46 71	2 62
	019	H01	87	2	5	26	50	73	160	191	265	265	65	60 00	37 17	3 48
	020	H01	90	2	8	42	81	136	252	296	417	417	107	92 14	61 52	3 65
	021	H01	89	2	16	39	71	136	249	411	1834	1834	126	210 39	67 77	3 23
	022	H01	57	2	2	10	21	34	63	126	225	225				
067	Chicago Heights	G01	99	3	3	3	3	3	3	3	3	3	3		2 50	1 00
067	Cicero	G01	85	3	3	3	3	3	3	3	3	3	3		2 50	1 00
067	Cook Co	G01	97	3	3	3	3	3	3	3	664	664	9	67 17	2 65	1 76
067	Harvey	G01	80	3	3	3	3	3	3	3	3	3	3		2 50	1 00
067	Hillside	G01	97	3	3	3	3	3	3	3	1626	1626	19	164 84	2 67	1 93
067	Wilmette	G01	97	3	3	3	3	3	3	3	3	3	3		2 50	1 00
073	Rockford	A01	26	7	10	16	21	35	68	74	100	100	30	23 55	23 87	1 99
INDIANA																
067	Chesterton	G01	34	2	5	13	21	31	52	65	79	79				
067	East Chicago	A01	24	16	23	39	73	108	260	260	294	294	98	79 43	72 08	2 28
	001	H02	38	2	2	13	18	45	155	204	283	283	46	62 00	21 89	3 72
	003	H02	32	2	13	18	45	162	359	482	647	647				
	007	H02	45	2	2	5	10	31	76	79	110	110	26	30 07	11 95	3 75
067	Gary	A01	25	5	7	11	19	29	91	144	153	153	33	39 83	20 67	2 57
	002	H01	45	2	2	2	10	34	89	105	123	123	28	33 61	11 91	4 12
	004	H01	41	2	2	2	2	2	29	55	128	128	11	22 99	4 25	2 96
	008	H01	45	2	2	2	2	10	42	50	63	63	13	16 81	6 34	3 13
067	Hammond	A01	26	10	14	21	54	93	231	269	305	305	85	83 19	52 71	2 82
067	Porter Co	G01	47	2	8	13	24	37	58	73	212	212				
067	Valparaiso	G01	47	2	5	10	16	24	45	52	63	63				
077	Evansville	A01	26	7	7	17	21	29	73	87	107	107	32	26 38	23 83	2 16
078	New Albany	A01	23	7	7	16	26	41	62	98	218	218	38	44 75	25 24	2 38
080	Indianapolis	A01	25	3	7	13	29	51	91	120	164	164	41	39 50	25 53	2 85
	001	H01	92	3	5	18	37	52	80	116	195	195				
	002	H01	4	3	3	3	3	24	37	37	37	37				
	006	H01	3	3	3	3	11	71	71	71	71	71				
	009	H01	5	3	3	3	3	3	3	3	3	3				
	013	H01	4	3	3	3	3	3	3	3	3	3				
082	South Bend	A01	23	3	8	15	20	38	140	151	256	256				
083	Monroe Co	A03	23	5	7	8	9	17	26	30	51	51	14	10 61	11 46	1 81

**SULFUR DIOXIDE, micrograms per cubic meter (25 C)
GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours**

1969 Annual Report

Site location	Site No	Ag/proj.	No obs.	Min. obs.	Percentiles							Max. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
IOWA																
068 Dubuque	001	A01	24	3.	5.	7.	8	14	61.	104.	119.	119.	21	30.94	10.80	2.83
092 Des Moines	001	A01	25	3.	5.	7	9.	15.	29.	78.	95.	95.	17.	22.10	10.76	2.34
KANSAS																
095 Topeko	001	A01	24	3.	3	6.	7.	9	11.	12.	30.	30	8	5.47	6.78	1.79
099 Wichita	001	A01	25	3.	5	7.	7.	9.	11.	11.	16.	16.	8.	2.71	7.49	1.44
	001	F01	25	3.	5.	7.	7	9	11.	11.	16.	16.	8.	2.71	7.49	1.44
KENTUCKY																
078 Louisville	001	A01	24	7	9	22	29.	39.	83	110.	132	132.	38.	31.93	28.19	2.29
079 Covington	001	A01	26	7.	10.	11	22.	37.	59.	93	121.	121.	31.	27.20	22.87	2.20
102 Lexington	001	A01	26	3.	7.	8.	10.	16.	24.	46.	200.	200.				
LOUISIANA																
106 Iberville Par	001	A03	25	5.	7.	7	11	12.	14.	14.	22.	22.	10.	3.93	9.34	1.45
106 New Orleans	002	A01	24	5	5	7.	7	10.	15.	15.	15	15.	9.	3.23	8.23	1.43
MAINE																
000 Unknown	001	A03	25	3.	5.	7	7.	10.	16	17.	24.	24.	9.	4.57	8.33	1.58
109 Acadia Nat Park	001	A03	25	3.	5.	7.	7.	10.	16.	17.	24	24	9.	4.57	8.33	1.58
MARYLAND																
115 Baltimore	001	A01	24	7	14	24.	42.	66	113.	114	172	172.	58.	42.91	42.40	2.35
MASSACHUSETTS																
042 Chicopee	001	F01	21	5.	10	29	42.	55.	79.	92.	152	152				
042 Holyoke	004	F01	181	2.	10.	18.	34	50.	113.	170.	215.	244	49.	47.46	32.78	2.45
042 Springfield	003	A01	26	11	25.	35.	40	78	125.	129	192.	192.	63.	44.84	50.49	1.97
	003	F01	174	5.	10.	31	47.	76	136.	162.	217	257.	61.	49.61	43.13	2.47
118 Worcester	001	A01	25	7.	14.	27	33.	80.	181.	319.	338	338.	76.	89.12	45.34	2.77
119 Boston	001	A01	19	9	11	18.	26.	90.	165	262.	262.	262.				
	002	F01	13	100.	139.	162.	178.	304	377.	388	388.	388.				
MICHIGAN																
122 Flint	001	A01	25	7.	9.	12.	20.	28	66.	68	72.	72.	25.	19.02	19.95	2.00
122 Grand Rapids	001	A01	25	6.	7	9	17.	21.	37.	47.	53	53.	19.	12.40	15.88	1.85
122 Soginaw	001	A01	24	7	10	12	17.	21.	42	47.	86.	86.	23.	17.15	18.83	1.81
123 Detroit	001	A01	26	12	22	29.	50	73	98.	108	111.	111.	55	31.09	45.93	1.89
125 Lansing	001	A01	23	3	9	11.	16	22	66.	70	76	76.	23	20.64	17.32	2.20
MINNESOTA																
131 Minneapolis	001	A01	25	3.	5.	9.	13	25	75.	98.	104	104	26	28.90	16.13	2.70
MISSOURI																
070 St Louis	001	A01	24	9	11	23.	42	100	144	220	266	266	73	67.38	46.43	2.78
	002	A01	25	7.	18.	27	57.	85.	163	178.	218.	218.	69	53.79	49.66	2.41
094 Kansas City	002	A01	23	5	5	7	9.	16.	28.	38	48.	48	14	11.34	11.34	1.94
	002	H01	61	3	3	3.	5	8.	19.	35	99	99.	10.	15.79	5.60	2.42
	003	H01	61	3	3	3.	3	5.	10.	17	27	27	6	5.76	4.15	2.06
	018	H01	61	3	3	5	5.	6	11	18.	58.	58	8	9.61	5.51	2.07
MONTANA																
141 Glacier Nat Park	001	A03	19	5	6	7.	7	9	15	41.	41	41				

**SULFUR DIOXIDE, micrograms per cubic meter (25 C)
GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours**

1969 Annual Report

Site location	Site No	Ag/proj.	No. obs.	Min. obs	Percentiles							Max obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std dev	Mean	Std dev
NEBRASKA																
085 Omaha	001	A01	26	5	7	7	9	12	38	41	77	77	15	15.76	11.24	1.97
NEW JERSEY																
043 Jersey City	001	A01	25	3	5	7	7	17	104	112	152	152	30	42.25	13.45	3.38
043 Newark	001	A01	25	3	10	35	48	76	135	150	159	159	61	45.08	43.52	2.67
043 Paterson	001	A01	22	7	7	28	44	69	118	142	180	180	57	45.98	39.32	2.64
045 Camden	001	A01	26	7	56	84	110	178	226	263	292	292	131	70.72	107.61	2.13
045 Camden Co	002	A01	24	7	9	15	25	38	70	80	117	117	33	26.73	25.09	2.16
045 Glossboro	001	A01	26	3	5	7	7	8	11	11	13	13	7	2.37	6.98	1.41
NEW MEXICO																
152 Albuquerque	001	A01	23	3	5	6	8	10	15	15	83	83	11	15.98	8.06	1.98
NEW YORK																
043 New York City	001	A01	15	5	5	7	12	218	551	561	561	561				
158 Mohawk	001	F01	1	144	144	144	144	144	144	144	144	144				
158 Syracuse	001	A01	24	7	8	14	22	31	40	71	79	79	26	18.55	20.99	2.00
158 Utica	001	A01	26	7	7	9	15	27	46	60	68	68	21	16.73	16.52	2.07
160 Rochester	001	A01	25	3	9	26	42	69	153	170	266	266				
	001	F01	40	5	16	37	60	105	236	291	516	516	107	116.75	61.85	3.07
	002	F01	29	2	8	39	58	81	128	173	23580	23580				
	003	F01	45	5	16	31	45	63	100	118	152	152				
161 Albany	001	A01	26	7	12	24	44	59	81	82	149	149	46	30.98	36.39	2.09
	001	F01	53	18	24	50	68	84	155	173	734	734	88	101.03	66.54	2.01
	002	F01	52	2	26	45	89	141	238	267	390	390	111	89.02	76.11	2.64
162 Buffalo	001	A01	23	5	7	8	10	13	15	16	19	19	11	3.54	10.10	1.40
162 Niagara Falls	001	F01	10	26	26	26	79	157	157	183	183	183				
NORTH CAROLINA																
136 Greensboro	001	A01	25	5	7	9	14	26	45	48	50	50	20	14.15	15.50	2.05
166 Durham	001	A01	22	5	7	7	12	22	52	53	60	60				
OHIO																
079 Cincinnati	001	A01	23	7	9	15	19	30	47	64	116	116	26	24.34	20.02	2.05
	001	H01	23	7	9	15	19	30	47	64	116	116	26	24.34	20.02	2.05
	003	A01	26	7	11	17	21	44	59	65	73	73	30	18.86	24.64	1.92
124 Toledo	001	A01	26	7	9	19	26	38	65	86	95	95	33	22.84	26.86	1.97
173 Dayton	001	A01	26	3	3	7	9	11	15	23	27	27	10	5.82	8.40	1.86
174 Akron	001	A01	23	5	8	13	36	80	111	143	145	145	51	44.58	31.65	2.92
174 Canton	001	A01	26	8	14	22	28	40	74	83	83	83	34	20.65	29.19	1.81
174 Cleveland	001	A01	26	7	14	40	58	73	114	121	248	248	66	47.25	52.28	2.18
	001	H01	70	10	47	65	90	113	191	201	249	249	101	52.95	87.72	1.73
	003	H01	72	5	25	47	63	93	141	161	189	189	75	44.79	60.61	2.05
	005	H01	73	30	52	75	93	118	176	206	226	226	102	45.19	93.11	1.55
	006	H01	71	5	22	35	47	60	98	103	186	186	53	30.76	44.99	1.84
	007	H01	73	5	18	30	48	58	90	122	234	234	53	38.05	41.91	2.04
	008	H01	75	12	50	68	100	141	186	226	383	383	112	64.09	94.57	1.87
	009	H01	73	5	25	37	68	100	153	239	405	405	84	73.11	60.95	2.30
	010	H01	69	5	15	30	42	68	126	178	332	332	60	56.62	43.59	2.24
	011	H01	68	7	17	32	47	63	110	120	241	241	55	39.36	44.09	2.00
	012	H01	45	15	42	68	98	126	183	211	252	252				
	013	H01	72	22	45	68	95	156	282	347	501	501	134	102.56	103.28	2.08
176 Columbus	001	A01	26	7	13	19	22	32	56	58	83	83	29	17.42	24.77	1.75
	001	A05	1	14	14	14	14	14	14	14	14	14				
178 Youngstown	001	A01	26	8	10	26	41	59	125	134	142	142	52	39.34	38.19	2.30
OKLAHOMA																
184 Oklahoma City	029	A01	23	3	5	7	7	10	11	17	27	27				
186 Tulsa	001	A01	26	3	5	7	7	8	11	12	14	14	8	2.57	7.17	1.43

**SULFUR DIOXIDE, micrograms per cubic meter (25 C)
GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours**

1969 Annual Report

Site location	Site No	Ag/ proj.	No. obs	Min obs	Percentiles							Max obs	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std dev	Mean	Std dev
OREGON																
193 Portland	001	A01	19	7	7	12	18	26	33	37	37	37				
PENNSYLVANIA																
045 Philadelphia	001	A01	25	11	18	44	51	67	155	169	175	175	70	48.41	54.71	2.10
045 Warminster	001	A01	25	9	9	16	25	31	54	66	80	80	28	18.97	23.14	1.94
045 West Chester	001	A01	26	5	7	9	17	23	54	60	126	126	24	25.29	16.65	2.25
151 Allentown	001	A01	24	7	16	27	39	67	119	127	229	229	57	50.58	41.70	2.28
151 Reading	001	A01	25	5	7	14	32	50	145	223	240	240	54	64.15	29.78	3.12
178 Clearfield Co	001	A03	25	3	7	9	11	16	24	43	59	59	15	12.24	11.71	1.92
195 Johnstown	001	A01	24	11	14	27	29	45	71	80	121	121	39	25.78	31.98	1.87
196 Lancaster City	001	A01	4	12	12	29	29	34	55	55	55	55				
196 York	002	A01	26	5	9	20	40	65	84	92	114	114	44	30.18	32.25	2.42
197 Indiana Co	001	A05	26	9	11	17	21	30	39	39	55	55	24	11.31	21.67	1.63
197 Pittsburgh	001	A01	26	7	15	58	76	91	114	140	194	194	76	40.75	61.68	2.15
PUERTO RICO																
244 Boyamon	002	A01	26	5	5	7	7	9	14	15	35	35	9	5.89	8.24	1.53
244 Guayanilla	002	A01	24	3	7	9	11	17	21	22	36	36	14	7.37	11.71	1.79
RHODE ISLAND																
120 Providence	001	A01	26	9	12	25	69	190	331	333	369	369	121	111.92	68.62	3.33
SOUTH DAKOTA																
000 Custer Co	001	A01	26	3	5	6	7	9	14	17	17	17	8	3.66	7.10	1.59
205 Black Hills Nat Forest	001	A03	26	3	5	6	7	9	14	17	17	17	8	3.66	7.10	1.59
TENNESSEE																
018 Memphis	001	A01	26	5	5	7	8	10	18	20	32	32	10	5.86	8.86	1.57
055 Chattanooga	001	A01	26	3	3	7	9	13	15	17	72	72	11	13.00	8.58	2.00
208 Nashville	001	A01	28	3	7	8	10	21	65	68	82	82	20	20.96	13.33	2.34
TEXAS																
106 Beaumont	001	A01	18	3	5	7	11	13	17	45	45	45				
153 El Paso	001	A01	6	21	21	24	56	96	100	100	100	100				
	002	A01	17	5	5	8	12	28	51	53	53	53				
211 Amarillo	002	A01	8	3	3	5	7	7	11	11	11	11				
211 Lubbock	001	A01	12	3	3	5	6	8	12	14	14	14				
212 Austin	002	A01	16	3	5	7	7	9	11	13	13	13				
214 Corpus Christi	001	A01	18	3	5	7	7	9	12	14	14	14				
215 Dallas	002	A01	25	3	5	7	9	10	14	15	17	17	9	3.43	8.11	1.58
215 Fort Worth	001	A01	24	3	5	7	7	11	24	30	42	42	11	9.13	8.46	1.94
216 Houston	001	A01	26	3	3	7	8	9	18	18	38	38	10	7.11	8.20	1.84
216 Pasadena	002	A01	24	3	5	7	7	11	23	33	58	58	12	12.28	9.22	2.07
217 San Antonio	001	A01	25	5	5	7	7	8	13	14	34	34	9	5.71	8.01	1.49
218 Tom Green Co	001	A03	5	5	5	7	7	7	7	7	7	7				
UTAH																
220 Salt Lake City	001	A01	25	6	7	11	18	21	60	86	181	181	28	36.71	18.82	2.29
VIRGINIA																
000 Page Co	001	A01	26	5	5	7	11	12	18	19	22	22	11	4.74	9.87	1.54
223 Norfolk	001	A01	26	7	9	14	24	45	82	94	109	109	36	28.91	26.11	2.29
225 Richmond	002	A01	25	9	11	14	18	35	66	67	72	72	29	21.08	23.07	1.99
226 Shenandoah Nat Park	001	A03	26	5	5	7	11	12	18	19	22	22	11	4.74	9.87	1.54

**SULFUR DIOXIDE, micrograms per cubic meter (25 C)
GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours**

1969 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min obs	Percentiles							Max. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
WASHINGTON																
229 Seattle	001	A01	27	11.	11	19.	28	38	82	138	165.	165.	41.	37.68	30.21	2.10
229 Tacoma	001	A01	21	5	7	15	18	24	44	52	68.	68				
WEST VIRGINIA																
234 Charleston	001	A01	26	8.	11	14	18.	30.	108.	147	169	169	35	41.53	23.76	2.24
WISCONSIN																
239 Milwaukee	001	A01	25	3.	7.	11.	14	21	27	27.	35	35	16	7.69	14.31	1.80
WYOMING																
241 Casper	001	A01	25	5	7.	7.	9.	11.	29	51.	74	74	14	15.77	10.12	1.91

**NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
INSTRUMENTAL COLORIMETRIC-LYSHKOW (MOD), 1 hour**

1969 Annual Report

Site location	Site No.	Ag/ praj.	No obs	Min. obs	Percentiles							Max. obs	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std dev	Mean	Std dev
ARIZONA																
015 Phoenix	002	G01	6183	9	9	9	38	56	75	94	113	188				
CALIFORNIA																
024 Anaheim	001	I01	7985	9	38	56	75	113	169	207	320	658	96	63 89	74 90	2 19
024 Azusa	002	I01	7853	9	9	56	75	113	188	226	338	658	94	71 71	65 63	2 62
024 Burbank	002	I01	7753	9	75	113	150	207	320	414	583	940	181	114 65	149 69	1 93
024 Camarilla	002	I01	2878	9	9	38	75	94	150	188	263	432				
024 La Habra	001	I01	5875	9	9	38	56	94	150	188	320	771				
024 Lennox	001	I01	7676	9	56	75	113	132	226	282	395	752	122	76 75	100 82	1 96
024 Long Beach	002	I01	7827	9	56	94	113	150	263	338	508	996	141	97 45	112 94	2 04
024 Los Angeles	001	I01	7399	9	38	75	113	150	207	263	414	1504				
	002	I01	8103	9	56	75	94	132	207	263	395	902	119	76 32	99 03	1 92
024 Los Angeles Co	001	I01	7683	9	9	56	94	132	207	263	357	658	109	79 24	77 95	2 55
024 Pomona	001	I01	7936	9	56	94	132	169	244	301	414	808	145	80 77	124 06	1 82
024 Redlands	001	I01	4383	9	9	9	9	38	75	75	113	188				
024 San Bernardino	001	I01	3105	9	9	56	75	94	132	169	244	395				
024 Ventura	001	I01	2341	9	38	94	113	150	188	226	301	489				
025 Monterey	001	I01	7691	9	9	9	38	38	75	94	132	207	37	29 57	25 64	2 41
025 Salinas	001	I01	8143	9	9	9	38	56	75	94	113	244	41	27 82	30 17	2 34
025 Santa Cruz Co	001	I01	7950	9	9	9	9	38	56	75	113	282	26	25 70	17 64	2 30
028 Sacramento	002	F01	8116	9	9	38	56	75	94	132	188	376	55	40 15	40 87	2 35
030 Fairfield	001	F01	646	9	38	56	75	113	169	188	207	244				
030 Livermore	002	I01	2092	9	9	38	38	56	94	132	207	545				
030 Oakland	004	F01	7412	9	9	38	56	75	113	169	263	470				
030 Pittsburg	001	I01	7890	9	9	9	38	56	75	94	132	188	39	28 60	27 83	2 39
030 Redwood City	001	I01	7717	9	9	38	56	75	132	169	282	526	62	54 22	43 14	2 53
030 Richmand	002	I01	7497	9	9	38	56	75	132	150	226	545				
030 San Francisco	003	I01	8140	9	38	56	75	94	132	169	263	639	80	49 30	66 82	1 94
030 San Jose	002	I01	7853	9	9	38	56	75	132	169	244	395	67	48 74	51 23	2 22
030 San Rafael	001	I01	7714	9	9	38	56	75	94	113	169	338	55	37 41	40 93	2 35
030 Santa Rosa	001	F01	5061	9	9	9	38	38	75	75	113	207				
030 Vallejo	001	F01	1835	9	38	38	56	75	150	169	226	376				
031 Bakersfield	001	F01	7219	9	38	56	75	113	150	188	226	451	89	48 29	75 80	1 88
031 Fresno	002	F01	7197	9	9	38	56	75	113	132	188	301				
	003	F01	852	9	38	56	75	113	150	169	226	282				
031 Stockton	002	F01	6983	9	9	38	56	75	169	207	282	414				
MICHIGAN																
123 Port Huron	003	F01	1016	9	9	38	56	75	376	376	564	752				
OHIO																
174 Akron	013	H01	1980	9	9	38	56	75	103	141	188	282				
174 Borchertan	006	H01	1560	9	9	28	28	47	75	94	150	376				

**NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
INSTRUMENTAL COLORIMETRIC-GRIESS-SALTZMAN, 1 hour**

1969 Annual Report

Site location	Site No	Ag/ proj	No obs	Min obs.	Percentiles								Max. obs	Arithmetic		Geometric	
					10	30	50	70	90	95	99	Mean		Std dev	Mean	Std dev	
COLORADO																	
036 Denver	002	A10	7321	9	9	38	56	75	94	113	207	639					
DISTRICT OF COLUMBIA																	
047 Washington	003	A10	6007	9	38	56	75	94	113	132	169	451					
ILLINOIS																	
067 Chicago	002	A10	7505	9	56	75	94	94	150	169	226	376	92	38.15	84.88	1.53	
MISSOURI																	
070 St. Louis	002	A10	6035	9	9	38	56	75	113	132	169	733					
NEW JERSEY																	
043 Boyonne	003	F01	8019	9	41	71	98	124	167	196	254	487	103.	50.84	89.89	1.73	
043 Newark	002	F01	7290	9	64	90	111	135	180	209	286	453					
045 Camden	003	F01	7477	9	34	58	79	103	147	167	235	1002					
OHIO																	
079 Cincinnati	003	A10	5536	9	38	38	56	75	94	113	150	414					
PENNSYLVANIA																	
045 Philadelphia	002	A10	7253	9	38	56	56	75	113	132	169	263					

**TOTAL HYDROCARBON, micrograms per cubic meter (25 C)
INSTRUMENTAL FLAME IONIZATION, 1 hour**

1969 Annual Report

Site location	Site No	Ag/proj.	No. obs	Min obs	Percentiles							Max obs	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std dev	Mean	Std dev
ARIZONA																
015 Phoenix	002	G01	6468	65	65.	196	392	1308	3466.	4774.	7194.	70040.				
CALIFORNIA																
024 Anaheim	001	I01	8165	1308	1308	1308	1962	2616.	3924	4578	6540	9810	2300	186.27	80.93	1.53
024 Azusa	002	I01	8358	654	1308	1308	1962	1962	3270.	3924	5232	8502	1975	899.23	796.75	1.55
024 Los Angeles	001	I01	8340	654	654	1308	1308	1962	3270	3924	5232	7848	1878.	954.48	667.05	1.64
024 Riverside	001	I01	5967	65.	1308.	1962	1962.	2616	3270.	3924.	5232	9810.				
024 San Bernardino	001	I01	8095	654	1308	1962	1962	2616	3270.	3924.	4578	7194	2210.	774.61	90.84	1.39
025 Monterey	001	I01	7249	1308	1308	1308	1308	1962	1962.	2616	2616	5232				
025 Salinas	001	I01	2315	654	1308	1308.	1308.	1308.	1962	1962	2616	4578				
028 Sacramento	002	F01	8312	1308	1308	1962.	1962	1962.	3270	3924	6540	9810	2222	919.22	97.34	1.37
030 Burlingame	001	I01	8214	654	1308	1962	1962	1962.	3270	3924.	5232	8502	2103.	848.11	967.92	1.42
030 Fremont	002	I01	8729	654	1962	1962	1962.	2616.	3270.	3270.	4578.	8502.	2315.	644.49	234.52	1.30
030 Livermore	002	I01	1890	1308	1308.	1962	1962.	2616	3924	4578.	5232.	9156.				
030 Oakland	004	F01	8077	65	1962	1962	1962	2616.	3270.	4578	6540	9810	2425	963.02	298.27	1.35
030 Pittsburg	001	I01	8516	654	1308	1308	1308	1962	2616.	3270	4578	7848	1811.	716.26	706.55	1.38
030 Redwood City	001	I01	8571	654	1308	1308	1962	2616	3924	5232	7194.	9810	2227.	266.67	967.60	1.61
030 Richmond	002	I01	8577	1308	1308	1962	1962	2616	3924.	4578	6540	9810.	2445	76.14	274.53	1.43
030 San Francisco	003	I01	8572	1308.	1962.	1962	1962	2616	3270	3924	5232	9156	2326	744.75	239.54	1.30
030 San Jose	002	I01	8396	654	1308	1962.	1962	2616.	3924	5232.	6540.	9810	2459	172.37	260.77	1.47
030 San Rafael	001	I01	8635	1308	1308	1962.	1962.	1962.	3924	4578.	6540	9810	2251.	113.73	54.32	1.50
030 Santa Rosa	001	F01	5777	654	1308	1308.	1308	1962	2616	3270.	3924	7848				
031 Bakersfield	001	F01	8438	1308	1308	1962.	2616.	3270	4578.	5886	7848	9810.	2829.	458.00	520.48	1.60
031 Fresno	002	F01	7462	654.	1308.	1308.	1308	1962	2616.	3270	4578	9810.				
	003	F01	889	1308	1308	1962.	1962	2616	3270	3924	5232	7194				
031 Stockton	002	F01	8236	1308	1308.	1308.	1962	1962	2616	3270	5232	9810.	2028.	827.90	909.75	1.39
COLORADO																
036 Denver	002	A10	8128	196	1046	1308	1439.	1700	2354.	2747.	4251	8044	1620.	664.65	524.49	1.39
DISTRICT OF COLUMBIA																
047 Washington	003	A10	7729	392.	654	1177.	1373.	1504	1831	2093.	3074	6148				
ILLINOIS																
067 Chicago	002	A10	7935	65	1177	1439.	1635	1897	2485	2943	4120.	10529.	1760	684.71	635.19	1.50
KENTUCKY																
079 Newport	001	F01	2143	65	458	1275	2060.	2812	4840.	5886.	7031	9025.				
MISSOURI																
070 St Louis	002	A10	7306	327	1112	1308.	1439	1635.	2027	2354.	3335	7521	1554	477.63	498.12	1.30
NEW JERSEY																
043 Bayonne	003	F01	8344	65	654.	883	1079	1308	1897	2583	4807	10235	1247	780.05	99.23	1.62
043 Newark	002	F01	7356	65.	981.	1177.	1341	1602.	2354.	2780.	3761.	14552.				
045 Camden	003	F01	7027	65	850	1014	1177.	1406	2191	2681.	3793	8306				
OHIO																
079 Cincinnati	003	A10	7159	719	1243	1439.	1570	1766.	2551	3205	4316.	7325.				
174 Akron	013	H01	2029	850	3270	3532	3793.	4120	4970	5886	7717	9810				
174 Barberton	006	H01	3271	1962	2616.	3597	4382	4774	5886	5886.	6802	13080				
PENNSYLVANIA																
045 Philadelphia	002	A10	6764	392	1046.	1177	1373.	1570.	2027	2354	3205.	5036				

**TOTAL OXIDANTS, micrograms per cubic meter (25 C)
INSTRUMENTAL COLORIMETRIC NEUTRAL KI, 1 hour**

1969 Annual Report

Site location	Site No	Ag/proj	No. obs.	Min obs	Percentiles							Max obs	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std dev	Mean	Std dev
ARIZONA																
015 Phoenix	002	G01	6121	10.	10	10	39	59	98	118	176	294				
CALIFORNIA																
024 Anaheim	001	I01	7678	10	10.	10	10	59	137	196	353	725	55	72.44	27.93	3.14
024 Azusa	002	I01	8195	10.	10	10	39	78	274.	392	627	1058	93	130.91	41.54	3.59
024 Burbank	002	I01	8193	10.	10	10	39	59	216.	294	451	745	71	100.61	31.45	3.49
024 Camarillo	002	I01	2451	10	10.	39	78.	137	216	274	372	568.				
024 La Habra	001	I01	5761	10.	10.	10	10	59	137	216	412	1058				
024 Lennox	001	I01	8072	10	10.	10	39	59	98	137	196	490	45	45.16	27.71	2.70
024 Long Beach	002	I01	7852	10.	10.	10	10	39	78.	98	157	431	32	35.40	20.21	2.49
024 Los Angeles	001	I01	8224	10.	10.	10	39	59	157	216	333	588	59	70.58	31.04	3.10
	002	I01	8160	10.	10	10	39	78	157	196	294	588	60	66.18	33.42	3.08
024 Los Angeles Co	001	I01	8221	10.	10.	10	39	78	235	333.	470.	764	86	104.30	43.14	3.38
024 Pomona	001	I01	8201	10	10	10	39	59	235	353.	568.	882	79	118.08	33.80	3.57
024 Redlands	001	I01	6711	10.	10.	10	10	59.	196	333	510.	725				
024 San Bernardino	001	I01	7909	10.	10	10	10	59	216	294	451	647	66	97.89	27.92	3.54
024 San Bernardino Co	002	I01	4301	10.	10	10	10	59	196	274	392	529				
024 Upland	002	K05	8602	10.	10	39	59	118	314	451	666	960	115.	139.93	61.08	3.25
024 Ventura	001	I01	2747	10.	10	10	39	59	78	98	157	216	43	32.73	30.33	2.42
025 Monterey	001	I01	8202	10.	10.	39	39	59	98	98	137.	255	49	32.43	35.78	2.40
025 Monterey Co	001	I01	7306	10	10.	10	39	59	78	98	137.	196	42	32.32	29.43	2.49
025 Salinas	001	I01	7512	10.	10	10	39	59	78	78	98	176	37	25.55	26.98	2.32
025 Santa Cruz Co	001	I01	8062	10	10	10	10	39	59	78	118	235	32	28.58	21.85	2.40
028 Sacramento	002	F01	6901	10.	10	10	39	59	118	157	216.	392.				
028 Sacramento Co	001	I01	7700	10	10	10	39	59	137	176	274.	490.	55	60.68	30.64	3.00
030 Fairfield	001	F01	2017	10.	10.	39	39	59	98	118	157	274				
030 Vallejo	001	F01	1851	10.	10	10	10	39	78	78	137.	176.				
031 Bakersfield	001	F01	8111	10	10	10	10	59	137	157	196	294	48.	50.73	26.85	2.95
031 Fresno	002	F01	7231	10.	10	39	59	98	176	216	294.	608				
	003	F01	972	10	10	39	59	78	137	157	216	274				
	004	F01	3226	10	10	59	98	137	196.	216	294.	725				
031 Stockton	002	F01	6906	10	10	10	59	98	176	216	274.	431				
033 Barstow	001	I01	4703	10	10	10	39	78	118	137.	176	235.				
033 Victorville	001	I01	7308	10	10	39	59	78	98	137.	176	333	57	39.91	41.08	2.47
COLORADO																
036 Denver	002	A10	2593	10	10.	39	59	59.	98	118	137	255				
DISTRICT OF COLUMBIA																
047 Washington	003	A10	1729	10	10	10	10	39	78	98	118	196				
ILLINOIS																
067 Chicago	002	A10	545	10	39	59	59	78	98.	98	118	137				
MISSOURI																
070 St Louis	002	A10	2333	10	10	10	39.	59	98	118	157.	235.				
OHIO																
079 Cincinnati	003	A10	1130	10.	10	10	39.	59	118.	157	216	314.				
OREGON																
193 Portland	002	F01	8728	10	10	10.	10	10	39	49	78	294	16	16.51	12.24	1.76
PENNSYLVANIA																
045 Philadelphia	002	A10	2367	10	10.	39	39.	59	78	118	157	216				

**TOTAL OXIDANTS, micrograms per cubic meter (25 C)
INSTRUMENTAL COULOMETRIC NEUTRAL KI, 1 hour
1969 Annual Report**

Site location	Site No.	Ag/ proj.	No obs.	Min obs	Percentiles							Max. obs	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
CALIFORNIA																
030 Burlingame	001	I01	8149	10.	10.	10	10.	39	59	78.	157	294	31.	30.20	20.84	2.37
030 Fremont	002	I01	8750	10.	10.	10	39	59.	98	137	274.	529.	47.	55.06	27.06	2.83
030 Livermore	001	I01	8641	10	10.	10	59.	98	157	216	353.	725.	72.	74.94	40.02	3.19
	002	I01	2172	10.	10	10.	10.	59	118	137.	216.	274				
030 Oakland	004	F01	7729	10.	10	10	39.	39	78	78.	137	353	34.	28.99	24.13	2.38
030 Pittsburg	001	I01	8523	10	10	10	39	59	98	118.	196	333.	42	40.40	27.17	2.62
030 Pleasant Hill	001	I01	6114	10.	10	10	39	59	118.	157	274	451				
030 Redwood City	001	I01	8495	10.	10	10.	39	59.	98	118	196	490	45.	44.91	27.05	2.80
030 Richmond	002	I01	8603	10.	10.	10	39	59.	78	98	137.	274.	42.	32.92	29.69	2.47
030 San Francisco	003	I01	8704	10	10	10.	10	10	39	59	78	176	19.	17.81	14.22	1.95
030 San Jose	002	I01	8627	10	10	10.	10	39	98	137	235	510	42.	50.49	24.13	2.79
030 San Leandro	001	I01	8399	10	10	10	39	59.	98	118	196	451	42	41.21	26.75	2.68
030 San Rafael	001	I01	8300	10	10	10	10	39	78	98	157.	451	32	33.05	21.39	2.44
030 Santa Rosa	001	F01	5182	10	10	10	39.	59.	78	98	137	176				

TECHNICAL REPORT DATA

(Please read Instructions on the reverse before completing)

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