

EPA-450/2-76-017

October 1976

AIR QUALITY DATA - 1968 ANNUAL STATISTICS

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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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**AIR QUALITY DATA -
1968 ANNUAL STATISTICS**

Monitoring and Data Analysis Division
National Air Data Branch

ENVIRONMENTAL PROTECTION AGENCY
Office of Air and Waste Management
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Research Triangle Park, North Carolina 27711

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Publication No. EPA-450/2-76-017

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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 CFR 410, recodified to 40 CFR 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**

1968 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 — Cont.																
042 New Britain	001	F01	33	29.	59.	74.	84.	123.	137.	153.	206.	206.	97.	36.84	90.21	1.48
	002	F01	25	51.	60.	75.	86.	127.	163.	173.	234.	234.	105.	46.41	96.88	1.51
	003	F01	26	21.	59.	103.	142.	177.	290.	388.	403.	403.	159.	95.82	131.89	1.94
	004	F01	25	23.	35.	43.	63.	81.	115.	123.	176.	176.	70.	35.18	62.43	1.62
	005	F01	25	15.	26.	41.	47.	69.	88.	95.	137.	137.	56.	28.06	49.01	1.69
042 New Haven	001	A01	26	32.	40.	52.	68.	89.	119.	131.	145.	145.	74.	30.14	68.39	1.51
	001	F01	173	27.	46.	64.	81.	105.	145.	171.	211.	217.	90.	39.86	81.66	1.54
	002	F01	75	18.	38.	61.	78.	94.	137.	145.	198.	198.	82.	36.41	74.13	1.60
	003	F01	76	19.	36.	55.	66.	89.	132.	141.	228.	228.	77.	39.07	68.04	1.66
	005	F01	60	25.	34.	52.	71.	91.	133.	141.	262.	262.				
	006	H01	59	14.	51.	95.	117.	149.	216.	270.	288.	288.				
042 Orange	003	F03	18	10.	13.	31.	42.	65.	115.	165.	165.					
042 Thomaston	001	F01	5	130.	130.	166.	279.	370.	415.	415.	415.	415.				
	002	F01	3	23.	23.	23.	60.	101.	101.	101.	101.	101.				
	003	F01	15	32.	35.	68.	77.	104.	117.	161.	161.	161.				
042 Waterbury	001	F01	23	24.	53.	60.	86.	136.	182.	203.	220.	220.				
043 Bridgeport	001	F01	34	44.	54.	73.	83.	91.	118.	129.	143.	143.	84.	23.74	80.81	1.34
043 Danbury	001	F01	21	15.	61.	95.	125.	168.	220.	275.	315.	315.				
043 Fairfield	001	F01	20	20.	26.	36.	47.	59.	90.	106.	119.	119.				
	002	F01	4	65.	65.	94.	94.	107.	137.	137.	137.	137.				
	001	F01	24	24.	34.	47.	62.	86.	104.	114.	140.	140.				
043 Greenwich	002	F01	25	21.	25.	37.	77.	84.	123.	137.	257.	257.	75.	51.03	61.63	1.89
	003	F01	19	21.	28.	39.	58.	79.	98.	120.	120.	120.				
	003	F01	25	20.	28.	56.	75.	100.	136.	160.	207.	207.	82.	46.18	69.65	1.87
043 Stamford	001	F01	27	25.	37.	70.	85.	115.	174.	179.	179.	95.	45.62	83.50	1.73	
043 Stratford	001	F01	23	21.	26.	32.	53.	73.	98.	111.	112.	57.	27.54	50.73	1.67	
	002	F01	20	33.	34.	54.	79.	101.	131.	146.	160.	160.				
044 Litchfield Co	001	F03	22	1.	26.	57.	69.	118.	174.	257.	289.	289.	93.	73.49	61.38	3.57
044 Torrington	001	F01	24	5.	35.	43.	57.	77.	98.	150.	157.	65.	35.30	54.94	1.97	
044 Winchester	001	F01	22	22.	34.	53.	70.	83.	94.	96.	241.	241.				
DELAWARE																
045 Newark	001	A01	25	17.	38.	54.	66.	92.	104.	111.	123.	123.	71.	27.74	64.16	1.63
045 Wilmington	001	A01	23	79.	82.	89.	122.	146.	164.	190.	261.	261.	125.	43.76	118.96	1.38
046 Kent Co	001	A03	24	12.	23.	32.	41.	48.	75.	81.	83.	83.	43.	18.71	39.15	1.58
DISTRICT OF COLUMBIA																
047 Washington	001	A01	26	27.	56.	72.	82.	113.	129.	143.	176.	176.	92.	32.77	85.78	1.47
FLORIDA																
049 Jacksonville	002	A01	25	21.	51.	67.	81.	105.	125.	128.	132.	132.	84.	28.82	77.98	1.53
050 Dade Co	002	G01	38	23.	35.	47.	50.	57.	73.	80.	111.	111.	53.	15.74	51.27	1.33
052 Bradenton	002	G02	10	13.	13.	44.	63.	76.	78.	94.	94.	94.				
052 Manatee Co	002	G02	12	24.	32.	37.	38.	62.	67.	74.	74.	74.				
	005	G02	15	32.	36.	44.	48.	56.	62.	77.	77.	77.				
	008	G02	18	26.	27.	43.	44.	49.	64.	93.	93.	93.				
052 Tampa	002	A01	24	48.	50.	69.	80.	93.	211.	236.	295.	295.	99.	62.25	86.77	1.62
GEORGIA																
002 Columbus	001	F01	21	26.	39.	60.	68.	86.	115.	120.	179.	179.				
049 Brunswick	001	F01	28	29.	42.	61.	69.	81.	132.	147.	201.	201.	78.	35.84	71.07	1.52
053 Augusta	001	F01	26	36.	47.	63.	75.	118.	172.	183.	214.	214.	99.	50.67	86.99	1.67
054 Lyons	001	F01	23	9.	11.	17.	31.	40.	71.	78.	82.	82.	35.	21.24	29.15	1.90
054 Macon	001	F01	21	29.	46.	64.	106.	118.	175.	269.	342.	342.				
055 Rome	001	F01	26	30.	56.	60.	69.	82.	104.	157.	170.	170.	78.	30.21	72.98	1.41
055 Rossville	001	F01	27	33.	60.	113.	188.	245.	483.	507.	759.	759.	235.	178.61	175.09	2.26
056 Atlanta	001	A01	26	23.	44.	65.	84.	115.	138.	152.	181.	181.	90.	37.72	81.17	1.61
	001	A05	5	90.	90.	226.	248.	295.	390.	390.	390.	390.				
	001	G01	26	23.	44.	65.	84.	115.	138.	152.	181.	181.	89.	37.72	81.17	1.61
058 Savannah	001	F01	25	46.	65.	77.	88.	135.	218.	283.	412.	412.	124.	82.46	106.54	1.70
059 Valdosta	001	F01	24	48.	59.	77.	89.	105.	157.	181.	329.	329.	106.	59.61	95.10	1.56

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

1968 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.	
INDIANA — Cont.																	
084 Terre Haute	001	F01	25	9.	17.	29.	37.	48.	54.	55.	224.	224.	44.	39.44	36.71	1.77	
	002	G01	43	25.	44.	57.	71.	98.	134.	147.	209.	209.					
	003	G01	34	31.	37.	55.	69.	95.	126.	138.	180.	180.	78.	35.24	71.14	1.57	
	004	G01	32	49.	50.	65.	85.	112.	132.	146.	230.	230.	91.	38.38	84.37	1.47	
	005	G01	27	39.	63.	75.	93.	106.	150.	167.	254.	254.					
084 Vigo Co	006	G01	32	35.	60.	81.	114.	147.	173.	192.	200.	200.	114.	46.48	103.90	1.59	
	009	G01	36	36.	45.	66.	82.	106.	130.	175.	175.	175.	89.	34.72	82.43	1.49	
	001	G01	29	27.	39.	57.	76.	99.	142.	157.	162.	162.					
	002	G01	18	21.	35.	54.	59.	75.	92.	127.	127.	127.					
	003	G01	13	29.	30.	50.	57.	64.	79.	85.	85.	85.					
084 West Terre Haute	004	G01	13	37.	45.	49.	57.	70.	79.	95.	95.						
	005	G01	9	25.	25.	35.	65.	72.	105.	105.	105.	105.					
	001	G01	29	35.	58.	76.	107.	147.	174.	200.	225.	225.	112.	48.38	101.27	1.58	
IOWA																	
068 Dubuque	001	A01	23	15.	69.	90.	102.	152.	192.	222.	248.	248.	122.	54.02	108.13	1.76	
	001	F01	23	15.	69.	90.	102.	152.	192.	222.	248.	248.	122.	54.02	108.13	1.76	
088 Cedar Rapids	001	A01	26	45.	54.	64.	89.	124.	171.	172.	188.	188.	100.	43.53	91.27	1.54	
092 Des Moines	001	A01	26	43.	44.	76.	84.	104.	209.	238.	240.	240.	100.	53.92	89.55	1.60	
	001	G01	26	43.	44.	76.	84.	104.	209.	238.	240.	240.	100.	53.92	89.55	1.60	
KANSAS																	
094 Kansas City	001	A01	25	39.	55.	67.	92.	106.	135.	143.	197.	197.	93.	34.92	86.91	1.45	
	001	H01	25	39.	55.	67.	92.	106.	135.	143.	197.	197.	93.	34.92	86.91	1.45	
	002	H01	58	43.	67.	96.	127.	145.	209.	236.	337.	337.	133.	59.17	121.85	1.53	
	004	H01	58	31.	45.	63.	84.	107.	146.	201.	227.	227.	92.	42.90	83.01	1.58	
	007	H01	56	27.	38.	50.	63.	80.	110.	118.	164.	164.	69.	28.82	63.83	1.49	
	008	H01	15	36.	73.	153.	194.	226.	271.	430.	430.	430.					
	009	H01	50	44.	58.	93.	107.	127.	173.	199.	211.	211.	114.	40.33	107.04	1.44	
	095 Topeka	001	A01	26	13.	18.	56.	67.	81.	103.	115.	236.	236.	72.	42.15	61.03	1.85
		001	A01	25	25.	36.	51.	64.	70.	77.	78.	96.	96.	60.	16.53	57.54	1.37
KENTUCKY																	
072 Hickman Co	001	F01	40	27.	31.	44.	53.	64.	78.	97.	116.	116.	56.	20.48	52.89	1.42	
072 Hopkinsville	001	F01	44	18.	39.	57.	67.	87.	105.	117.	126.	126.					
072 Madisonville	002	F01	47	66.	74.	90.	102.	128.	169.	223.	250.	250.	117.	43.39	110.64	1.39	
072 Marshall Co	007	F02	39	22.	36.	55.	72.	94.	308.	510.	624.	624.					
072 Murray	001	F01	30	34.	45.	60.	69.	80.	97.	101.	125.	125.					
072 Paducah	016	F01	17	32.	43.	73.	77.	89.	138.	254.	254.	254.					
077 Henderson	002	F01	52	44.	61.	88.	105.	125.	144.	178.	229.	229.	108.	35.99	102.08	1.40	
077 Owensboro	001	F01	44	23.	57.	84.	126.	157.	237.	274.	385.	385.	139.	80.25	118.20	1.80	
078 Louisville	001	A01	25	74.	93.	129.	159.	186.	316.	317.	415.	415.	176.	82.49	160.79	1.54	
	002	F01	19	53.	59.	91.	102.	121.	170.	225.	225.	225.					
079 Covington	001	A01	25	34.	53.	67.	87.	103.	139.	150.	159.	159.	90.	33.77	83.30	1.50	
101 Clay Co	001	F01	30	34.	41.	52.	83.	110.	247.	346.	390.	390.					
101 Middlesborough	001	F01	36	25.	37.	64.	83.	136.	193.	203.	220.	220.					
101 Pikeville	001	F01	32	36.	41.	54.	67.	107.	186.	247.	353.	353.					
102 Danville	001	F01	39	30.	42.	56.	66.	91.	113.	125.	144.	144.					
102 Frankfort	002	F01	48	10.	33.	42.	51.	56.	80.	81.	85.	85.	51.	16.80	48.17	1.46	
	003	F01	6	22.	22.	33.	38.	45.	52.	52.	52.	52.					
	001	A01	25	30.	42.	69.	82.	96.	134.	136.	167.	167.	85.	32.80	78.85	1.52	
102 Lexington	002	F01	31	5.	34.	47.	59.	63.	73.	112.	129.	129.					
	003	F01	50	29.	41.	53.	61.	70.	93.	115.	159.	159.					
	002	A01	23	50.	70.	109.	121.	163.	188.	239.	249.	249.	132.	53.76	121.69	1.53	
103 Ashland	002	F01	30	42.	54.	60.	74.	100.	160.	217.	266.	266.					
105 Bowling Green	001	F01	39	36.	44.	52.	68.	77.	134.	193.	199.	199.					
105 Somerset	001	F01	39	36.	44.	52.	68.	77.	134.	193.	199.	199.					
LOUISIANA																	
106 New Orleans	002	A01	26	51.	56.	76.	88.	101.	106.	110.	150.	150.	87.	21.57	84.04	1.28	
	002	F01	26	51.	56.	76.	88.	101.	106.	110.	150.	150.	87.	21.57	84.04	1.28	

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

1968 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.
MAINE																
109 Acadia Nat Park	001	A03	26	4.	10.	14.	25.	33.	43.	47.	50.	50.	25.	12.47	21.51	1.85
110 Portland	002	A01	22	32.	42.	52.	59.	93.	151.	268.	345.	345.	93.	76.95	75.23	1.85
MARYLAND																
115 Baltimore	001	A01	26	36.	52.	79.	90.	113.	194.	204.	276.	276.	110.	56.24	98.31	1.60
	001	H01	26	36.	52.	79.	90.	113.	194.	204.	276.	276.	110.	56.24	98.31	1.60
116 Calvert Co	001	A03	23	20.	30.	34.	38.	50.	63.	73.	94.	94.	44.	16.85	41.60	1.43
MASSACHUSETTS																
042 Chicopee	001	F01	2	77.	77.	77.	77.	222.	222.	222.	222.	222.				
042 Holyoke	001	I01	109	18.	34.	68.	84.	114.	160.	179.	221.	224.				
	002	I01	77	33.	65.	97.	114.	153.	192.	251.	703.	703.				
	004	F01	7	34.	34.	53.	67.	75.	132.	132.	132.	132.				
042 Springfield	003	F01	203	26.	67.	106.	130.	152.	209.	264.	494.	701.	143.	84.64	126.08	1.63
118 Worchester	001	A01	25	32.	38.	60.	73.	97.	131.	153.	211.	211.	82.	41.24	73.66	1.61
	001	F01	25	32.	38.	60.	73.	97.	131.	153.	211.	211.	82.	41.24	73.66	1.61
119 Boston	001	A01	25	43.	56.	82.	100.	109.	151.	162.	176.	176.	98.	33.13	92.59	1.42
	001	F01	25	43.	56.	82.	100.	109.	151.	162.	176.	176.	98.	33.13	92.59	1.42
MICHIGAN																
082 Benton Harbor	001	F01	20	13.	35.	55.	68.	80.	92.	92.	99.	99.				
122 Flint	001	A01	26	35.	38.	57.	65.	85.	126.	130.	192.	192.	77.	37.00	69.32	1.56
	008	F01	26	35.	38.	57.	65.	85.	125.	130.	192.	192.	77.	36.94	69.34	1.56
122 Grand Rapids	001	A01	26	36.	42.	67.	100.	118.	162.	230.	256.	256.	104.	56.19	90.29	1.73
	002	F01	25	44.	49.	73.	90.	102.	187.	219.	237.	237.	102.	53.29	90.96	1.61
	005	F01	26	29.	45.	68.	80.	98.	148.	149.	167.	167.	89.	36.49	82.06	1.55
	006	F01	26	36.	42.	67.	100.	117.	155.	162.	256.	256.	99.	49.96	87.57	1.67
	007	F01	26	16.	50.	90.	101.	161.	206.	208.	238.	238.	121.	56.50	105.79	1.80
	010	F01	26	16.	29.	50.	66.	80.	127.	132.	159.	159.	72.	36.11	62.57	1.77
122 Muskegon	001	F01	26	35.	36.	54.	76.	107.	152.	158.	224.	224.	90.	47.86	79.03	1.68
	010	F01	26	30.	46.	72.	87.	127.	198.	213.	280.	280.	107.	59.71	93.02	1.73
	011	F01	26	38.	41.	67.	91.	121.	210.	310.	313.	313.	111.	72.37	94.20	1.78
122 Saginaw	001	F01	25	22.	46.	62.	89.	104.	133.	168.	229.	229.	89.	43.88	79.83	1.63
123 Detroit	001	A01	26	42.	61.	90.	136.	195.	283.	293.	300.	300.	154.	77.61	134.29	1.75
	001	G01	26	42.	61.	90.	136.	195.	283.	293.	300.	300.	154.	77.61	134.29	1.75
123 Mount Clemens	001	F01	24	13.	28.	55.	62.	87.	148.	173.	180.	180.	78.	45.63	65.53	1.89
123 Pontiac	001	F01	13	35.	48.	67.	84.	110.	178.	217.	217.	217.				
123 Royal Oak	001	F01	24	44.	67.	77.	98.	123.	228.	239.	242.	242.				
123 Southfield	001	F01	24	20.	34.	61.	70.	112.	235.	249.	250.	250.				
123 Trenton	001	A01	25	46.	65.	85.	93.	144.	213.	221.	251.	251.	117.	54.60	106.52	1.56
	001	F01	25	46.	65.	85.	93.	144.	213.	221.	251.	251.	117.	54.60	106.52	1.56
123 Warren	001	F01	23	24.	63.	72.	111.	160.	282.	291.	400.	400.				
125 Ann Arbor	002	F01	20	57.	63.	88.	96.	131.	186.	188.	361.	361.				
125 Jackson	001	F01	25	14.	29.	47.	56.	70.	89.	101.	142.	142.	60.	27.08	54.11	1.64
125 Kalamazoo	002	F01	26	15.	33.	69.	84.	99.	161.	182.	272.	272.	95.	54.17	80.85	1.85
125 Lansing	001	F01	22	14.	43.	72.	80.	139.	158.	202.	212.	212.				
126 Marquette	005	F01	15	21.	27.	33.	39.	51.	70.	71.	71.	71.				
126 Sault Ste Marie	002	F01	23	7.	19.	25.	38.	49.	75.	77.	93.	93.				
MINNESOTA																
127 St Cloud	001	H01	18	6.	18.	32.	55.	79.	113.	122.	122.	122.				
128 Faribault	001	F01	14	5.	6.	27.	63.	89.	122.	237.	237.	237.				
128 Mankato	001	F01	17	29.	41.	59.	67.	79.	110.	124.	124.	124.				
128 Rochester	001	G01	42	6.	20.	51.	79.	98.	147.	158.	191.	191.				
128 Winona	002	F01	17	28.	44.	53.	61.	74.	109.	111.	111.	111.				
129 Duluth	001	A01	24	18.	24.	42.	53.	95.	203.	269.	270.	270.	86.	72.19	64.11	2.15
	002	G01	41	7.	17.	28.	42.	68.	108.	147.	201.	201.				
	003	G01	38	12.	18.	34.	45.	71.	125.	131.	137.	137.				
	004	G01	22	20.	27.	51.	73.	89.	134.	134.	157.	157.				
	005	G01	24	23.	38.	69.	93.	154.	197.	211.	217.	217.				
	006	G01	41	11.	17.	29.	37.	64.	84.	86.	99.	99.				
	013	A01	28	7.	17.	31.	46.	67.	132.	172.	329.	329.				
	014	F01	6	31.	31.	49.	70.	142.	270.	270.	270.	270.				

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

1968 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.
MISSOURI — Cont.																
	012	H01	83	13.	23.	33.	43.	56.	75.	89.	111.	111.	47.	21.36	42.65	1.57
	013	H01	81	16.	27.	39.	51.	67.	112.	166.	414.	414.	69.	65.01	54.57	1.89
	014	H01	88	22.	35.	45.	63.	84.	126.	145.	851.	851.	78.	90.03	63.72	1.75
	015	H01	74	18.	43.	56.	67.	83.	119.	135.	167.	167.	74.	30.14	68.43	1.51
	016	H01	84	14.	40.	55.	78.	102.	164.	183.	265.	265.	92.	52.06	79.70	1.74
MONTANA																
141	001	A03	25	2.	5.	6.	7.	12.	25.	33.	36.	36.	11.	9.02	8.44	2.03
142	001	A01	24	12.	20.	32.	40.	50.	90.	113.	202.	202.	52.	40.63	41.39	1.93
144	001	G01	52	28.	56.	92.	123.	155.	220.	299.	366.	366.				
NEBRASKA																
085	001	A01	25	57.	79.	103.	123.	174.	240.	324.	353.	353.	151.	77.15	135.58	1.60
146	001	A03	24	6.	10.	13.	17.	23.	50.	50.	63.	63.	22.	15.31	18.59	1.85
NEVADA																
013	001	A01	25	51.	60.	77.	89.	133.	184.	188.	190.	190.	108.	44.04	99.72	1.50
147	001	A03	26	1.	2.	5.	8.	13.	24.	28.	29.	29.	11.	8.11	7.75	2.38
148	001	A01	26	35.	45.	53.	75.	137.	230.	247.	253.	253.	107.	68.25	89.05	1.84
	003	I01	27	52.	58.	72.	85.	128.	149.	160.	211.	211.				
	004	G01	28	36.	38.	51.	60.	72.	84.	89.	103.	103.				
148	001	G01	30	37.	59.	77.	89.	109.	139.	143.	184.	184.				
	002	I01	31	30.	41.	46.	57.	67.	82.	85.	88.	88.				
148	002	I01	27	16.	22.	31.	39.	44.	51.	53.	54.	54.				
NEW HAMPSHIRE																
107	001	A03	23	5.	9.	10.	16.	22.	30.	34.	42.	42.	18.	9.92	15.22	1.80
121	001	A01	25	12.	14.	26.	35.	44.	78.	83.	88.	88.	39.	21.86	33.04	1.79
NEW JERSEY																
043	002	F01	20	40.	48.	56.	68.	103.	122.	129.	164.	164.				
043	001	A01	21	27.	53.	68.	85.	126.	154.	172.	176.	176.	97.	45.37	86.33	1.66
	004	F01	85	1.	55.	69.	88.	113.	152.	178.	461.	461.	99.	57.36	85.18	2.04
043	002	F01	22	22.	31.	41.	49.	67.	90.	90.	114.	114.				
043	001	F01	5	60.	60.	63.	64.	81.	118.	118.	118.	118.				
043	001	F01	125	32.	52.	84.	110.	128.	172.	196.	233.	419.	111.	51.04	100.58	1.57
043	001	F01	22	22.	36.	48.	58.	78.	96.	110.	142.	142.				
043	002	F01	21	26.	34.	51.	60.	78.	109.	110.	126.	126.				
043	001	F01	22	14.	24.	30.	37.	59.	81.	83.	88.	88.				
043	001	F01	113	23.	57.	80.	103.	137.	194.	228.	316.	321.	117.	58.92	104.10	1.64
043	001	F01	23	33.	39.	51.	86.	96.	116.	130.	276.	276.				
043	001	F01	5	50.	50.	78.	92.	104.	144.	144.	144.	144.				
	002	F01	6	45.	45.	57.	73.	109.	138.	138.	138.	138.				
043	001	F01	15	31.	61.	76.	112.	155.	193.	260.	260.	260.				
043	001	F01	19	23.	30.	46.	69.	85.	98.	112.	112.	112.				
043	001	A01	25	31.	63.	88.	102.	124.	172.	190.	239.	239.	109.	45.03	100.66	1.53
	003	F01	133	65.	84.	106.	132.	157.	214.	243.	325.	332.	140.	51.16	131.30	1.41
	004	F01	11	43.	70.	76.	98.	124.	164.	169.	169.	169.				
043	001	F01	26	32.	57.	80.	88.	118.	143.	167.	171.	171.				
043	001	F01	120	20.	45.	62.	74.	99.	145.	164.	211.	218.	88.	40.62	79.73	1.58
043	001	F01	32	24.	26.	34.	40.	55.	75.	89.	193.	193.				
043	002	F01	18	34.	36.	54.	69.	84.	102.	113.	113.	113.				
043	001	A01	24	32.	41.	68.	90.	102.	161.	197.	200.	200.	93.	44.10	83.37	1.60
	003	F01	41	25.	74.	124.	148.	189.	248.	276.	324.	324.				
043	001	F01	31	28.	42.	55.	83.	87.	98.	105.	108.	108.				
043	001	F01	25	36.	52.	64.	72.	94.	114.	119.	128.	128.				
043	001	F01	7	36.	36.	40.	63.	84.	101.	101.	101.	101.				
043	001	A01	26	31.	40.	59.	80.	104.	143.	152.	241.	241.	88.	45.71	77.84	1.65
	001	F01	38	31.	40.	50.	71.	100.	143.	176.	241.	241.	82.	44.38	72.05	1.64
043	001	A01	26	39.	49.	73.	82.	103.	139.	171.	210.	210.	92.	38.56	85.23	1.49
	002	F01	113	36.	48.	64.	81.	95.	140.	172.	205.	267.	88.	39.98	80.29	1.51
043	001	F01	9	39.	39.	48.	59.	76.	134.	134.	134.	134.				

**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							Max. obs.	Arithmetic		Geometric					
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.				
PENNSYLVANIA — Cont.																				
195 Montoursville	005	F01	60	16.	35.	52.	65.	85.	130.	150.	180.	180.	76.	36.48	67.85	1.65				
	006	F01	25	21.	24.	36.	44.	60.	86.	87.	98.	98.								
	001	F01	25	27.	44.	65.	80.	100.	140.	150.	200.	200.								
	003	F01	24	46.	49.	81.	84.	110.	150.	160.	180.	180.								
	004	F01	38	47.	50.	60.	70.	90.	120.	140.	150.	150.								
195 Williamsport	005	F01	25	32.	40.	61.	76.	88.	110.	110.	150.	150.	112.	39.99	104.93	1.50				
	001	F01	26	47.	56.	120.	130.	190.	260.	260.	270.	270.								
	003	F01	22	35.	42.	71.	76.	110.	130.	140.	170.	170.								
	006	F01	24	41.	58.	100.	130.	160.	190.	200.	240.	240.								
	007	F01	39	54.	61.	78.	93.	110.	160.	170.	190.	190.								
	008	F01	22	33.	41.	67.	89.	100.	150.	210.	220.	220.								
	009	F01	36	17.	42.	57.	77.	94.	150.	170.	200.	200.								
	010	F01	22	42.	51.	85.	120.	170.	230.	270.	390.	390.								
	012	F01	38	46.	56.	77.	87.	100.	140.	190.	190.	190.								
	013	F01	25	46.	74.	120.	140.	180.	220.	230.	260.	260.								
196 Harrisburg	001	A01	26	29.	32.	46.	59.	76.	117.	123.	188.	188.	67.	35.09	60.60	1.58				
	001	A01	25	27.	69.	95.	113.	119.	160.	208.	212.	212.								
196 York	001	A01	25	27.	69.	95.	113.	119.	160.	208.	212.	212.	112.	39.99	104.93	1.50				
197 Allegheny Co	061	G01	2	54.	54.	54.	54.	68.	68.	68.	68.									
197 Brownsville	001	G01	2	95.	95.	95.	95.	170.	170.	170.	170.	112.	39.99	104.93	1.50					
	004	F01	4	98.	98.	100.	100.	160.	220.	220.	220.									
197 Butler	003	F01	10	48.	48.	79.	98.	120.	170.	260.	260.	112.	39.99	104.93	1.50					
	007	F01	11	39.	51.	62.	110.	120.	140.	220.	220.									
197 Butler Co	002	F01	14	41.	49.	77.	100.	120.	130.	150.	150.	112.	39.99	104.93	1.50					
	003	F01	13	51.	54.	71.	110.	160.	180.	220.	220.									
	004	F01	12	83.	93.	140.	150.	190.	330.	350.	350.									
	006	F01	10	38.	38.	58.	80.	100.	110.	130.	130.									
	007	F01	20	26.	36.	78.	100.	150.	200.	210.	290.									
	008	F01	20	55.	66.	82.	110.	150.	280.	300.	320.									
	011	F01	20	50.	63.	87.	120.	170.	230.	250.	300.									
	014	F01	15	30.	49.	67.	88.	100.	130.	170.	170.									
	015	F01	12	38.	44.	57.	68.	150.	160.	200.	200.									
	017	F01	20	37.	48.	72.	100.	120.	190.	230.	280.									
	018	F01	13	42.	58.	65.	83.	97.	150.	150.	150.									
	019	F01	20	36.	38.	60.	73.	100.	150.	150.	220.									
	197 California	002	F01	11	42.	58.	98.	110.	130.	160.	160.					160.	112.	39.99	104.93	1.50
		004	F01	2	96.	96.	96.	96.	150.	150.	150.					150.				
	197 Charleroi	002	F01	8	78.	78.	95.	110.	140.	150.	150.					150.	112.	39.99	104.93	1.50
003		F01	9	85.	85.	98.	130.	210.	220.	220.	220.									
197 Donora	004	F01	2	120.	120.	120.	120.	190.	190.	190.	190.	112.	39.99	104.93	1.50					
197 Fayette Co	001	F01	11	53.	57.	77.	120.	130.	230.	230.	230.									
197 Fayette Co	007	F01	5	1.	1.	59.	85.	100.	160.	160.	160.	112.	39.99	104.93	1.50					
	009	F01	14	60.	63.	89.	100.	120.	150.	180.	180.									
	001	F01	2	94.	94.	94.	94.	160.	160.	160.	160.									
197 Monessen	001	F01	2	94.	94.	94.	94.	160.	160.	160.	160.	112.	39.99	104.93	1.50					
197 Monongahela	003	F01	2	140.	140.	140.	140.	150.	150.	150.										
197 Pittsburgh	004	F01	2	71.	71.	71.	71.	100.	100.	100.	100.	180.	87.23	161.39	1.60					
	005	F01	23	53.	74.	87.	120.	130.	160.	180.	270.									
	001	A01	26	69.	90.	120.	150.	219.	311.	385.	385.									
	002	F01	3	56.	56.	56.	83.	130.	130.	130.	130.									
	009	F01	12	48.	84.	110.	150.	230.	420.	460.	460.									
	010	F01	12	97.	110.	160.	210.	270.	310.	530.	530.									
	016	F01	3	81.	81.	81.	100.	130.	130.	130.	130.									
	017	F01	8	45.	45.	55.	76.	110.	140.	140.	140.									
	019	F01	4	95.	95.	120.	120.	130.	180.	180.	180.									
	021	F01	3	45.	45.	45.	100.	110.	110.	110.	110.									
197 Westmoreland Co	002	F01	17	30.	57.	87.	120.	140.	170.	170.	170.	112.	39.99	104.93	1.50					
197 Zelenople	001	F01	19	61.	62.	88.	150.	200.	290.	290.										
197 Zelenople	003	F01	19	63.	69.	88.	150.	180.	240.	250.	250.	112.	39.99	104.93	1.50					
	004	F01	20	40.	47.	71.	87.	130.	180.	220.										
PUERTO RICO																				
244 Bayamon	001	A01	26	53.	60.	69.	81.	102.	132.	157.	171.	171.	91.	30.84	86.09	1.38				
244 Catano	002	A01	26	72.	77.	93.	123.	142.	218.	257.	317.	317.								
244 Guayanilla	001	A01	26	16.	17.	21.	24.	33.	43.	45.	61.	61.	28.	10.64	26.29	1.42				
244 Ponce	001	A01	25	91.	112.	161.	194.	242.	323.	331.	342.	342.								

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

1968 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.	
RHODE ISLAND																	
120	East Providence	001	A01	26	30.	34.	52.	61.	78.	109.	111.	120.	120.	67.	25.65	62.49	1.48
120	Providence	001	A01	26	47.	59.	66.	74.	116.	144.	150.	167.	167.	92.	34.70	86.10	1.45
120	Washington Co	001	A03	26	3.	16.	25.	37.	49.	102.	129.	144.	144.	46.	34.56	35.33	2.21
SOUTH CAROLINA																	
200	Columbia	001	A01	24	30.	35.	53.	72.	104.	213.	217.	228.	228.	91.	58.83	76.12	1.82
		001	H01	24	30.	35.	53.	72.	104.	213.	217.	228.	228.	91.	58.83	76.12	1.82
200	Richland Co	001	A03	23	11.	20.	29.	36.	40.	55.	65.	84.	84.	37.	16.09	33.82	1.56
202	Greenville	001	A01	25	34.	52.	64.	74.	126.	266.	354.	410.	410.	116.	96.08	92.12	1.91
		001	F01	25	1.	39.	64.	74.	126.	266.	354.	410.	410.	114.	98.30	75.92	3.41
SOUTH DAKOTA																	
087	Sioux Falls	001	A01	23	23.	32.	40.	52.	61.	108.	109.	392.	392.	69.	73.56	55.25	1.76
205	Black Hills Nat Forest	001	A03	27	3.	4.	5.	8.	12.	16.	22.	28.	28.	9.	5.82	7.99	1.76
TENNESSEE																	
018	Memphis	001	A01	25	22.	43.	60.	73.	95.	127.	139.	187.	187.	81.	36.59	73.47	1.58
		001	G01	25	22.	43.	60.	73.	95.	127.	139.	187.	187.	81.	36.59	73.47	1.58
055	Chattanooga	001	A01	25	60.	66.	98.	142.	164.	261.	288.	424.	424.	153.	84.82	134.81	1.67
		001	H01	71	60.	105.	143.	189.	241.	321.	391.	468.	468.	204.	93.08	184.33	1.60
		006	G01	52	148.	185.	261.	281.	373.	451.	498.	532.	532.	311.	102.24	294.34	1.40
		007	H01	52	99.	113.	131.	158.	189.	290.	312.	361.	361.	176.	67.77	165.06	1.42
055	Hamilton Co	001	H01	40	15.	46.	65.	71.	91.	118.	121.	161.	161.				
207	Knoxville	001	A01	26	39.	46.	76.	110.	145.	180.	193.	260.	260.	112.	54.27	99.81	1.66
		003	G01	130	39.	58.	77.	96.	136.	213.	249.	304.	420.	118.	65.72	103.58	1.65
		004	G01	129	26.	51.	78.	106.	172.	315.	372.	531.	615.	146.	112.31	115.95	1.95
		005	G01	128	22.	49.	84.	121.	215.	418.	449.	929.	992.	189.	175.69	133.86	2.30
		006	G01	129	22.	40.	54.	68.	94.	144.	163.	201.	235.	81.	40.59	71.94	1.62
		007	G01	127	9.	43.	61.	80.	107.	171.	194.	253.	329.	93.	53.14	80.49	1.76
		008	G01	127	14.	46.	67.	88.	116.	227.	264.	295.	370.	108.	68.54	90.38	1.82
208	Nashville	001	A01	25	43.	47.	73.	107.	142.	209.	226.	306.	306.	116.	64.51	100.71	1.70
TEXAS																	
022	Texarkana	001	F01	23	19.	20.	31.	56.	69.	90.	122.	138.	138.				
022	Tyler	001	F01	25	12.	29.	38.	49.	60.	75.	80.	109.	109.	51.	20.50	46.58	1.56
106	Orange	001	F01	25	30.	39.	52.	60.	68.	95.	117.	196.	196.	66.	33.70	60.19	1.51
210	Wichita Falls	001	F01	25	33.	55.	79.	86.	104.	176.	181.	222.	222.	99.	46.75	89.96	1.56
211	Lubbock	001	F01	26	20.	41.	58.	74.	100.	139.	148.	164.	164.	80.	36.70	71.90	1.66
212	Austin	001	F01	24	10.	27.	57.	63.	86.	99.	112.	142.	142.	70.	29.73	62.39	1.77
212	Waco	001	F01	26	15.	46.	66.	69.	83.	94.	120.	154.	154.	74.	26.51	68.40	1.55
213	Laredo	001	F01	27	13.	37.	95.	118.	131.	146.	160.	237.	237.	107.	47.40	92.37	1.90
213	Mc Allen	001	F01	26	24.	37.	62.	75.	104.	130.	133.	136.	136.	81.	33.55	73.27	1.60
214	Corpus Christi	001	G01	26	36.	41.	48.	52.	70.	91.	117.	118.	118.	61.	21.91	57.79	1.37
		002	F01	26	22.	24.	36.	42.	50.	58.	59.	61.	61.	42.	11.49	40.37	1.35
215	Dallas	002	A01	29	27.	40.	62.	78.	87.	104.	120.	152.	152.	76.	25.98	71.19	1.44
215	Fort Worth	001	H01	26	33.	48.	53.	70.	80.	114.	145.	158.	158.	74.	29.93	69.49	1.44
216	Baytown	001	F01	49	10.	18.	25.	31.	40.	88.	115.	200.	200.	40.	32.91	32.98	1.79
		002	F01	27	26.	37.	56.	62.	65.	90.	106.	107.	107.	62.	20.06	58.49	1.41
216	Chambers Co	001	F03	24	8.	14.	23.	27.	35.	42.	43.	45.	45.	28.	10.36	25.99	1.54
		002	F01	24	17.	23.	33.	37.	43.	56.	61.	65.	65.	39.	12.81	37.40	1.41
216	Clute City	001	F01	24	33.	45.	58.	70.	87.	118.	120.	177.	177.	76.	31.31	70.95	1.46
216	Deer Park	001	H01	107	23.	47.	62.	71.	87.	128.	152.	180.	216.	81.	34.60	74.42	1.51
216	Galena Park	001	H01	24	46.	99.	104.	127.	142.	152.	161.	348.	348.				
216	Galveston	001	F01	25	23.	33.	36.	42.	47.	62.	63.	70.	70.	43.	11.88	41.59	1.32
216	Houston	001	A01	26	49.	53.	58.	64.	78.	127.	138.	194.	194.	79.	34.24	73.70	1.42
		002	H01	111	27.	52.	74.	84.	102.	147.	200.	252.	256.	96.	44.75	87.59	1.52
		003	H01	107	14.	48.	63.	77.	99.	158.	182.	219.	249.	90.	44.34	80.62	1.62
		004	H01	115	15.	31.	42.	51.	63.	88.	124.	188.	245.	59.	33.34	52.73	1.58
		005	H01	111	15.	37.	57.	68.	88.	145.	161.	236.	247.	80.	43.29	70.31	1.67
		006	H01	97	3.	34.	58.	84.	98.	147.	180.	204.	204.	85.	43.63	73.37	1.84
		007	H01	75	20.	32.	42.	56.	67.	96.	134.	173.	173.				
		008	H01	95	17.	31.	42.	49.	66.	123.	147.	189.	189.	63.	36.32	54.91	1.66
		009	H01	101	14.	31.	43.	59.	71.	96.	123.	169.	174.	62.	30.19	55.66	1.62

**PARTICULATE, micrograms per cubic meter (25 C)
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1968 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.	
TEXAS — Cont.																	
	010	H01	101	14.	39.	47.	60.	69.	100.	125.	205.	284.	66.	36.48	59.64	1.54	
	011	H01	111	9.	28.	43.	56.	69.	95.	113.	163.	213.	61.	32.04	53.33	1.68	
	012	H01	110	15.	32.	57.	75.	94.	127.	139.	195.	234.	79.	37.38	70.45	1.67	
	013	H01	114	17.	34.	60.	78.	95.	119.	130.	177.	197.	77.	33.89	68.66	1.68	
	014	H01	106	37.	56.	92.	129.	166.	233.	246.	283.	313.	134.	64.09	118.57	1.68	
	015	H01	92	38.	59.	87.	119.	162.	255.	283.	304.	304.	139.	72.64	120.70	1.71	
	016	H01	105	17.	62.	91.	125.	143.	212.	232.	275.	306.	126.	57.01	113.04	1.63	
	024	H01	30	20.	24.	33.	50.	70.	90.	92.	139.	139.					
	025	H01	17	19.	36.	36.	74.	74.	157.	157.	157.	157.					
	026	H01	32	13.	25.	32.	59.	67.	116.	185.	212.	212.					
	027	H01	28	30.	33.	50.	57.	94.	140.	156.	162.	162.					
	029	H01	30	24.	27.	53.	61.	69.	96.	157.	176.	176.					
216	Jacinto City	001	H01	24	51.	68.	107.	121.	124.	211.	270.	270.					
216	La Porte	001	H01	31	39.	51.	61.	72.	86.	105.	183.	183.					
216	Matagorda Co	001	A03	25	5.	19.	23.	25.	29.	36.	38.	39.	26.	7.52	24.71	1.49	
216	Pasadena	001	A01	26	34.	38.	45.	55.	88.	102.	104.	152.	68.	29.09	62.30	1.50	
		002	H01	104	34.	60.	76.	94.	108.	150.	185.	248.	264.	101.	42.05	93.58	1.47
		004	H01	24	27.	27.	38.	58.	62.	91.	112.	171.					
216	Texas City	001	F01	26	24.	28.	39.	44.	51.	60.	61.	70.	44.	11.47	42.89	1.31	
217	San Antonio	001	A01	26	28.	33.	49.	56.	60.	83.	140.	196.	63.	34.78	57.03	1.52	
		001	G01	99	1.	39.	52.	60.	75.	100.	119.	182.	68.	29.01	61.33	1.73	
		003	G01	109	8.	17.	27.	36.	46.	62.	79.	95.	39.	22.20	34.14	1.69	
		004	G01	111	9.	18.	23.	29.	38.	50.	56.	76.	99.	32.	15.00	29.45	1.56
		005	G01	121	5.	22.	32.	41.	47.	66.	78.	103.	117.	43.	19.33	38.79	1.59
		006	G01	119	8.	16.	24.	30.	36.	57.	70.	96.	113.	33.	17.62	29.33	1.66
		007	G01	118	7.	44.	68.	78.	96.	130.	167.	178.	179.	85.	36.38	76.17	1.69
		008	G01	121	9.	23.	29.	38.	52.	71.	77.	99.	119.	44.	19.80	39.56	1.56
		009	G01	119	3.	17.	24.	30.	39.	47.	55.	70.	79.	32.	13.06	29.49	1.57
		011	G01	119	3.	20.	29.	35.	47.	66.	69.	83.	110.	39.	16.91	34.93	1.61
		012	G01	108	38.	72.	96.	122.	152.	193.	218.	296.	312.	130.	51.49	120.85	1.49
		013	G01	111	12.	47.	62.	73.	84.	99.	123.	132.	143.	74.	22.78	69.71	1.42
		014	G01	114	7.	17.	28.	35.	43.	57.	69.	88.	123.	37.	17.49	33.22	1.63
		015	G01	121	29.	47.	66.	78.	90.	110.	126.	175.	264.	80.	31.33	74.59	1.45
		017	G01	120	7.	25.	36.	45.	57.	77.	88.	104.	114.	49.	21.08	44.21	1.59
		018	G01	121	13.	26.	40.	50.	61.	71.	85.	114.	206.	52.	24.01	47.29	1.54
		019	G01	118	10.	20.	34.	44.	55.	76.	86.	103.	107.	46.	20.91	41.34	1.65
		020	G01	111	6.	25.	35.	45.	55.	72.	82.	166.	171.	48.	24.65	43.15	1.64
		021	G03	110	1.	17.	25.	29.	36.	47.	59.	114.	123.	33.	16.99	28.87	1.78
218	Odessa	001	F01	25	42.	46.	57.	62.	90.	119.	129.	204.	78.	36.17	72.24	1.48	
UTAH																	
220	Magna	001	F02	288	16.	33.	53.	70.	90.	152.	196.	450.	593.				
220	Ogden	001	A01	326	16.	39.	56.	74.	95.	162.	216.	266.	296.	88.	54.05	75.62	1.73
220	Provo	001	F01	356	19.	49.	67.	84.	104.	173.	209.	255.	284.	97.	49.71	86.29	1.61
220	Salt Lake City	001	A01	26	23.	31.	48.	64.	77.	166.	199.	206.	206.	76.	48.22	65.05	1.73
		003	F01	306	24.	46.	65.	82.	101.	166.	216.	262.	328.	96.	53.71	84.91	1.63
		004	F01	291	17.	45.	69.	90.	112.	163.	191.	327.	468.				
VERMONT																	
159	Burlington	001	A01	24	19.	22.	33.	42.	50.	72.	74.	77.	77.	44.	17.76	40.42	1.53
221	Orange Co	001	A03	26	12.	14.	21.	26.	36.	59.	75.	80.	80.	32.	17.71	28.31	1.66
VIRGINIA																	
222	Danville	001	A01	25	22.	37.	64.	77.	96.	191.	236.	425.	425.	99.	83.80	78.88	1.91
222	Lynchburg	001	A01	26	61.	67.	78.	111.	152.	225.	228.	259.	259.	123.	57.33	111.41	1.55
223	Hampton	001	A01	26	22.	33.	46.	63.	80.	104.	115.	117.	117.	66.	26.68	60.38	1.58
223	Norfolk	001	A01	26	46.	50.	86.	96.	116.	151.	158.	172.	172.	101.	33.52	95.17	1.63
223	Portsmouth	001	A01	26	32.	46.	88.	126.	141.	188.	194.	243.	243.	123.	51.60	110.43	1.45
225	Richmond	002	A01	30	31.	51.	61.	78.	97.	118.	145.	158.	158.	84.	30.30	78.92	1.46
		002	H01	26	31.	51.	61.	76.	102.	131.	145.	158.	158.	84.	32.02	78.44	1.49
226	Roanoke	001	A01	25	21.	38.	63.	77.	96.	191.	230.	249.	249.	92.	58.01	76.96	1.84
226	Shenandoah Nat Park	001	A03	26	10.	14.	24.	29.	34.	43.	44.	49.	49.	29.	10.36	27.24	1.51

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					10	30	50	70	90	95	99	Mean		Std. dev.	Mean	Std. dev.	
WASHINGTON																	
000 Auburn	001	I01	100	8.	21.	31.	45.	65.	101.	126.	164.	166.	55.	33.67	45.95	1.83	
062 Spokane	003	F01	80	21.	33.	52.	72.	83.	129.	148.	348.	348.	80.	47.23	69.84	1.70	
	011	F01	80	21.	33.	52.	72.	83.	129.	148.	348.	348.	80.	47.21	69.89	1.70	
193 Vancouver	002	F01	90	7.	29.	43.	53.	66.	106.	111.	148.	148.	60.	28.22	53.48	1.65	
228 Bellingham	001	F01	31	13.	20.	35.	67.	92.	133.	145.	176.	176.					
	003	I01	39	11.	19.	28.	60.	84.	133.	145.	176.	176.					
228 Olympia	001	F01	100	8.	16.	30.	40.	54.	81.	106.	161.	182.	48.	31.73	39.15	1.89	
229 Bellevue	001	I01	103	13.	21.	32.	43.	58.	79.	93.	141.	183.	48.	26.93	42.22	1.68	
229 Bremerton	001	F01	94	11.	22.	35.	42.	52.	67.	87.	151.	151.	46.	23.20	41.51	1.60	
229 Everett	001	I01	90	15.	23.	32.	39.	62.	91.	129.	227.	227.	52.	34.24	44.37	1.74	
	002	F01	84	15.	30.	43.	48.	64.	98.	120.	215.	215.	59.	31.22	52.46	1.60	
229 King Co	001	I03	96	2.	5.	8.	13.	26.	54.	76.	118.	118.	22.	22.37	14.78	2.49	
229 Marysville	001	I01	88	14.	23.	35.	46.	64.	97.	164.	282.	282.	59.	43.80	49.15	1.79	
229 Pierce Co	001	I01	88	10.	24.	47.	66.	104.	169.	199.	309.	309.	84.	57.62	66.32	2.04	
229 Renton	001	I01	103	9.	16.	28.	38.	54.	84.	101.	135.	167.	46.	28.91	37.95	1.86	
229 Seattle	001	A01	26	30.	32.	39.	53.	79.	131.	148.	167.	167.	67.	38.54	58.25	1.68	
	002	F01	91	7.	34.	48.	56.	74.	99.	124.	222.	222.	64.	30.97	58.07	1.61	
	003	I01	78	19.	39.	57.	72.	103.	209.	241.	278.	278.					
	005	I01	102	34.	51.	82.	102.	130.	193.	280.	449.	531.	123.	85.95	104.13	1.74	
	006	I01	100	18.	31.	42.	53.	73.	106.	115.	198.	233.	63.	34.92	55.80	1.62	
	007	I01	104	15.	31.	43.	54.	66.	99.	147.	225.	285.	64.	41.01	55.53	1.65	
	009	I01	103	18.	32.	40.	47.	63.	84.	94.	122.	133.	53.	22.21	49.41	1.48	
229 Tacoma	002	I01	89	11.	19.	31.	49.	71.	120.	143.	192.	192.	59.	39.09	47.66	1.94	
	003	I01	90	11.	17.	28.	40.	57.	82.	98.	108.	108.	47.	25.67	40.24	1.78	
	004	I02	100	8.	45.	66.	80.	113.	183.	214.	286.	346.	101.	59.08	86.53	1.79	
	005	F01	98	17.	30.	40.	59.	90.	148.	209.	273.	273.	78.	56.60	63.25	1.91	
WEST VIRGINIA																	
234 Charleston	001	A01	26	43.	96.	135.	242.	402.	510.	668.	977.	977.	306.	216.34	239.31	2.11	
WISCONSIN																	
128 Eau Claire	001	A01	24	8.	22.	36.	40.	48.	72.	75.	79.	79.	43.	17.83	39.40	1.64	
	001	F01	24	8.	22.	36.	40.	48.	72.	75.	79.	79.	43.	17.83	39.40	1.64	
129 Superior	001	A01	24	28.	41.	57.	67.	96.	143.	173.	186.	186.	84.	42.09	74.77	1.64	
	001	F01	24	28.	41.	57.	67.	96.	143.	173.	186.	186.	84.	42.09	74.77	1.64	
239 Kenosha	001	A01	26	29.	35.	50.	56.	80.	120.	144.	154.	154.	70.	33.85	63.52	1.57	
	001	F01	26	29.	35.	50.	56.	80.	120.	144.	154.	154.	70.	33.85	63.52	1.57	
239 Milwaukee	001	A01	25	49.	65.	93.	165.	229.	272.	279.	433.	433.	165.	96.05	139.32	1.83	
	001	G01	25	49.	65.	93.	165.	229.	272.	279.	433.	433.	165.	96.05	139.32	1.83	
240 Madison	001	A01	25	23.	30.	48.	57.	71.	141.	167.	282.	282.	75.	56.26	62.36	1.79	
WYOMING																	
241 Casper	001	A01	26	19.	29.	44.	52.	69.	119.	124.	126.	126.	61.	28.05	54.80	1.59	
242 Cheyenne	001	A01	26	12.	14.	21.	30.	34.	48.	62.	99.	99.	32.	17.75	28.71	1.61	
242 Laramie	001	F02	11	78.	93.	136.	209.	230.	318.	343.	343.	343.					
	002	F02	16	38.	42.	50.	93.	115.	234.	364.	364.	364.					
	003	F02	17	10.	16.	28.	35.	45.	71.	84.	84.	84.					
	004	F02	17	26.	49.	106.	158.	228.	505.	933.	933.	933.					
	005	F02	14	53.	63.	93.	105.	125.	153.	231.	231.	231.					
	006	F02	10	55.	55.	108.	149.	212.	294.	298.	298.	298.					
243 Yellowstone Nat Park	001	A03	26	2.	3.	4.	5.	8.	17.	18.	58.	58.	8.	10.92	6.00	2.07	

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

1968 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	8441	.2	.2	1.1	3.4	8.0	21.8	28.7	40.2	57.5	7.4	9.34	3.00	4.60	
CALIFORNIA																	
024 Anaheim	001	I01	8589	.2	4.6	5.7	6.9	8.0	10.3	12.6	18.4	32.2	7.2	3.03	6.63	1.50	
024 Azusa	002	I01	8567	1.1	1.1	2.3	4.6	8.0	11.5	12.6	16.1	23.0	5.6	4.06	4.16	2.27	
024 Burbank	002	I01	8391	1.1	2.3	4.6	6.9	11.5	18.4	23.0	31.0	52.9	8.9	6.86	6.54	2.31	
024 La Habra	001	I01	8283	.2	4.6	6.9	9.2	10.3	13.8	16.1	20.7	31.0	9.1	3.82	8.18	1.69	
024 Lennox	001	I01	8294	1.1	1.1	3.4	5.7	10.3	17.2	23.0	32.2	62.1	8.3	7.03	5.73	2.47	
024 Long Beach	002	I01	8521	1.1	2.3	3.4	5.7	10.3	16.1	19.5	25.3	37.9	8.0	5.66	6.26	2.05	
024 Los Angeles	001	I01	8521	1.1	1.1	3.4	5.7	9.2	14.9	18.4	25.3	52.9	7.4	5.65	5.42	2.29	
	002	I01	8497	1.1	1.1	3.4	4.6	9.2	14.9	18.4	26.4	46.0	7.1	5.77	5.13	2.31	
024 Los Angeles Co	001	I01	8483	1.1	1.1	2.3	4.6	9.2	13.8	17.2	26.4	47.1	6.7	5.72	4.70	2.41	
024 Pasadena	001	I01	5690	1.1	2.3	4.6	6.9	10.3	14.9	19.5	26.4	40.2					
	003	I01	3324	1.1	2.3	3.4	4.6	6.9	12.6	17.2	26.4	35.6					
024 Pomona	001	I01	8575	1.1	2.3	3.4	5.7	11.5	14.9	16.1	19.5	25.3	7.5	5.00	5.86	2.09	
024 Redlands	001	I01	8444	.2	2.3	4.6	8.0	11.5	17.2	19.5	23.0	28.7	8.9	5.97	6.26	2.72	
024 Riverside	001	I01	7488	.2	.2	2.3	4.6	5.7	9.2	10.3	14.9	26.4					
024 San Bernardino	001	I01	7857	.2	3.4	5.7	6.9	9.2	11.5	12.6	16.1	29.9	7.6	3.22	6.72	1.78	
024 San Bernardino Co	002	I01	7655	.2	.2	1.1	1.1	2.3	3.4	4.6	5.7	9.2	1.9	1.39	1.36	2.60	
024 Santa Ana	002	I01	7505	.2	4.6	5.7	6.9	9.2	11.5	12.6	16.1	21.8					
025 Salinas	001	I01	8654	1.1	1.1	1.1	1.1	1.1	2.3	3.4	4.6	9.2	1.6	.78	1.44	1.46	
025 Santa Cruz Co	001	I01	2142	1.1	1.1	1.1	1.1	2.3	2.3	2.3	3.4	5.7	1.6	.68	1.47	1.43	
028 Sacramento	002	F01	8538	.2	1.1	1.1	2.3	3.4	5.7	8.0	16.1	60.9	2.9	3.28	1.99	2.38	
030 Oakland	003	G01	8187	.2	1.1	2.3	3.4	3.4	5.7	8.0	12.6	26.4	3.4	2.40	2.71	2.11	
030 Pittsburg	001	I01	687	1.1	1.1	1.1	1.1	3.4	4.6	4.6	8.0	9.2					
030 Redwood City	001	I01	8318	1.1	1.1	2.3	2.3	3.4	5.7	6.9	9.2	18.4	3.2	1.81	2.70	1.77	
030 Richmond	001	I01	8072	1.1	1.1	2.3	3.4	4.6	6.9	8.0	11.5	23.0	3.7	2.31	3.18	1.77	
030 San Francisco Co	002	I01	4962	1.1	1.1	2.3	3.4	3.4	5.7	6.9	12.6	35.6					
030 San Jose	003	I01	8634	1.1	1.1	2.3	3.4	4.6	6.9	9.2	13.8	24.1	3.8	2.77	3.07	1.90	
030 San Rafael	001	I01	8510	1.1	1.1	1.1	2.3	2.3	3.4	5.7	9.2	23.0	2.4	1.63	2.05	1.67	
031 Bakersfield	001	A01	8464	.2	1.1	1.1	2.3	3.4	5.7	6.9	11.5	21.8	2.7	2.24	2.06	2.12	
031 Fresno	002	F01	8601	.2	1.1	1.1	1.1	2.3	4.6	5.7	11.5	25.3	2.2	2.09	1.62	2.09	
031 Stockton	002	F01	8505	.2	1.1	1.1	1.1	2.3	3.4	4.6	6.9	21.8	1.9	1.41	1.62	1.83	
COLORADO																	
036 Denver	002	A10	6473	.2	1.1	3.4	4.6	6.9	11.5	14.9	25.3	90.8					
DISTRICT OF COLUMBIA																	
047 Washington	002	A10	7266	.2	1.1	2.3	3.4	4.6	6.9	9.2	16.1	31.0					
ILLINOIS																	
067 Chicago	002	A10	5867	.2	2.3	4.6	5.7	9.2	13.8	16.1	23.0	46.0					
KENTUCKY																	
079 Covington	003	F01	1780	.2	.6	1.6	2.6	3.4	4.6	5.2	6.3	21.8					
079 Newport	001	F01	3832	.2	.2	2.2	4.0	5.7	8.3	9.8	13.2	28.2					
MISSOURI																	
070 St Louis	002	A10	7734	.2	2.3	3.4	4.6	5.7	9.2	11.5	16.1	29.9					
NEW JERSEY																	
043 Bayonne	003	F01	8548	.2	.9	1.7	2.4	3.1	4.3	5.2	7.5	14.5	2.6	1.50	2.12	1.97	
043 Middlesex Co	001	F01	7158	1.1	2.3	3.4	4.6	5.7	8.0	8.0	11.5	18.4					
043 Newark	002	F01	4624	.2	2.5	4.8	6.6	8.7	12.1	14.1	18.9	30.8					
	005	F01	3350	.2	2.1	3.9	5.5	7.7	10.9	13.1	18.1	30.8					
045 Camden	003	F01	7647	.2	.9	1.6	2.2	2.9	4.3	5.6	9.7	17.9	2.5	1.77	2.05	1.98	

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

1968 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																
043 New York City	014	H01	8683	.2	1.1	2.3	3.4	4.6	6.9	8.0	12.6	37.9	4.0	2.54	3.24	2.05
OHIO																
079 Cincinnati	003	A10	5311	.2	3.4	4.6	5.7	6.9	9.2	12.6	35.6	48.3				
174 Akron	013	H01	4933	.2	1.1	1.1	2.3	3.4	5.7	8.0	13.8	31.0				
174 Barberton	006	H01	1974	.2	1.1	1.1	1.1	2.3	3.4	3.4	4.6	9.2				
OREGON																
193 Portland	002	F01	8673	.2	2.3	3.4	5.7	8.0	13.8	17.2	27.6	59.8	6.9	5.50	5.26	2.15
PENNSYLVANIA																
045 Philadelphia	002	A10	4326	.2	4.6	6.9	9.2	11.5	17.2	19.5	28.7	40.2				
	004	H01	8728	1.1	4.6	4.6	5.7	6.9	9.2	10.3	13.8	31.0	6.2	2.21	5.92	1.38
WASHINGTON																
062 Spokane	011	F01	3862	.2	1.1	1.1	2.3	4.6	6.9	8.0	9.2	10.3	3.3	2.45	2.28	2.71
229 Seattle	002	F01	3115	.2	1.1	2.3	3.4	4.6	6.9	9.2	11.5	21.8	3.9	2.49	3.09	2.17
	010	I01	7378	.2	.2	1.1	2.3	3.4	4.6	6.9	10.3	25.3	2.4	2.21	1.48	3.04
	013	F01	5664	.2	1.1	2.3	3.4	4.6	6.9	8.0	9.2	10.3	3.7	2.13	2.90	2.22

SULFUR DIOXIDE, micrograms per cubic meter (25 C)
INSTRUMENTAL WEST-GAEKE COLORIMETRIC, 1 hour
1968 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																
079 Covington	003	F01	1253	13.	13.	13.	13.	13.	55.	85.	194.	350.				
NEW JERSEY																
043 Bayonne	003	F01	8641	13.	29.	68.	115.	189.	375.	472.	760.	1365.	165.	156.89	107.09	2.72
043 Newark	002	F01	4659	13.	50.	105.	181.	280.	445.	576.	888.	1522.				
	005	F01	3427	13.	52.	79.	131.	183.	341.	419.	629.	969.				
045 Camden	003	F01	7840	13.	13.	60.	128.	207.	390.	498.	799.	1638.	171.	169.89	99.97	3.19

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

1968 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	6470	13.	13.	13.	13.	13.	13.	13.	13.	131.				
CALIFORNIA																
024 Anaheim	001	I01	7110	13.	13.	13.	13.	13.	13.	52.	131.	419.				
024 Burbank	002	I01	8289	13.	13.	13.	52.	52.	79.	105.	157.	603.	43.	35.35	31.12	2.24
024 La Habra	001	I01	7849	13.	13.	13.	13.	52.	105.	131.	210.	707.				
024 Lennox	001	I01	8156	13.	13.	13.	52.	52.	105.	157.	288.	1179.	54.	60.23	34.02	2.57
024 Long Beach	002	I01	8375	13.	13.	52.	52.	79.	157.	210.	419.	1336.	77.	84.30	50.25	2.60
024 Los Angeles	001	I01	8339	13.	13.	13.	52.	79.	105.	131.	210.	786.	56.	45.56	40.12	2.41
	002	I01	8292	13.	13.	13.	13.	52.	79.	105.	131.	367.	35.	31.25	25.01	2.23
024 Los Angeles Co	001	I01	8474	13.	13.	13.	13.	52.	52.	79.	79.	131.	27.	21.73	20.95	1.99
024 Pasadena	001	I01	6154	13.	13.	13.	13.	52.	52.	79.	105.	236.				
	003	I01	2227	13.	13.	13.	13.	52.	79.	105.	131.	210.				
024 Pomona	001	I01	8372	13.	13.	13.	13.	52.	79.	79.	105.	445.	35.	26.84	26.14	2.14
024 Redondo Beach	001	I02	6906	13.	13.	13.	13.	52.	105.	131.	236.	760.				
024 Riverside	001	I01	6720	13.	13.	13.	13.	13.	79.	105.	183.	262.				
024 San Bernardino	001	I01	6332	13.	13.	13.	13.	13.	13.	52.	52.	131.				
024 Santa Ana	002	I01	8172	13.	13.	13.	13.	13.	13.	52.	105.	681.	17.	20.15	14.46	1.52
COLORADO																
036 Denver	002	A10	5166	13.	13.	13.	13.	52.	79.	105.	183.	550.	34.	40.94	22.42	2.26
CONNECTICUT																
042 Hartford	003	F01	7216	13.	13.	52.	52.	105.	236.	314.	943.	31440.				
042 New Britain	002	F01	290	13.	13.	29.	52.	89.	160.	215.	356.	1648.				
	004	F01	3190	13.	13.	13.	34.	60.	105.	131.	183.	1310.				
042 New Haven	001	F01	3717	13.	13.	65.	118.	191.	341.	419.	650.	1074.				
	003	F01	346	13.	52.	79.	105.	157.	249.	301.	393.	485.				
	004	F01	3796	13.	13.	13.	39.	79.	139.	210.	393.	917.				
043 Greenwich	001	F01	3267	26200.	26200.	26200.	52400.	78600.	31000.	57200.	88200.	81200.				
043 Stamford	003	F01	1471	13.	13.	52.	105.	183.	341.	445.	603.	707.				
DISTRICT OF COLUMBIA																
047 Washington	002	A10	6416	13.	13.	13.	52.	131.	262.	341.	498.	1074.				
ILLINOIS																
067 Chicago	002	A10	6992	13.	13.	105.	210.	367.	734.	917.	1441.	2253.				
	003	H01	7013	13.	13.	13.	46.	85.	242.	406.	891.	3419.				
	004	H01	7683	13.	13.	65.	113.	183.	367.	504.	851.	1513.	165.	170.23	99.91	2.99
	005	H01	6302	13.	13.	65.	164.	367.	858.	1140.	1762.	2954.				
	006	H01	7295	13.	13.	65.	148.	334.	675.	851.	1277.	2522.				
	007	H01	6314	13.	13.	46.	72.	124.	255.	334.	537.	1382.				
	008	H01	6546	13.	13.	52.	85.	144.	295.	406.	655.	1421.				
	009	H01	7386	13.	13.	65.	131.	229.	498.	707.	1343.	2712.	211.	258.18	108.73	3.51
	010	H01	6008	13.	13.	13.	52.	92.	242.	367.	668.	2974.				
KENTUCKY																
077 Ohio Co	001	N02	8265	13.	13.	13.	13.	13.	65.	105.	314.	2371.	31.	72.53	18.32	2.15
	002	N02	7788	13.	13.	13.	13.	13.	13.	65.	275.	1559.	24.	65.59	15.33	1.80
	004	N02	5151	13.	13.	13.	13.	13.	13.	13.	105.	943.				
	006	N02	8140	13.	13.	13.	13.	13.	39.	79.	367.	2699.	28.	87.24	16.15	1.97
	009	N02	7884	13.	13.	13.	13.	13.	39.	92.	314.	1978.	27.	73.70	16.29	1.95
	011	N02	8286	13.	13.	13.	13.	13.	13.	39.	183.	983.	19.	37.89	14.49	1.60
	012	N02	8049	13.	13.	13.	13.	13.	13.	52.	249.	1467.	22.	55.95	14.92	1.72
	013	N02	8128	13.	13.	13.	13.	13.	13.	39.	223.	2175.	22.	62.90	14.75	1.69
	014	N02	8290	13.	13.	13.	13.	13.	13.	52.	249.	1939.	22.	63.05	14.86	1.70
	015	N02	8294	13.	13.	13.	13.	13.	39.	79.	301.	1742.	26.	71.55	15.94	1.89
	016	N02	7859	13.	13.	13.	13.	13.	13.	65.	275.	1939.	24.	66.81	15.38	1.80
	017	N02	8259	13.	13.	13.	13.	13.	39.	92.	262.	1336.	26.	61.25	16.51	1.96
	018	N02	8015	13.	13.	13.	13.	13.	13.	79.	314.	1598.	26.	65.47	15.92	1.89
	019	N02	8101	13.	13.	13.	13.	13.	13.	39.	275.	1415.	22.	61.84	14.69	1.69

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

1968 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.	
MISSOURI																	
070 St Louis	002	A10	7996	13.	13.	13.	13.	79.	210.	288.	550.	1782.	75.	115.01	35.76	3.20	
NEW JERSEY																	
043 Middlesex Co	001	F01	6862	13.	79.	157.	210.	262.	419.	524.	786.	1572.					
NEW YORK																	
043 New York City	014	H01	8761	13.	157.	236.	314.	419.	681.	865.	1336.	2463.	377.	252.65	311.10	1.89	
OHIO																	
079 Cincinnati	003	A10	6545	13.	13.	13.	13.	52.	105.	131.	236.	996.					
174 Akron	013	H01	2658	13.	13.	13.	52.	105.	236.	341.	576.	1179.					
174 Barberton	006	H01	1693	13.	13.	13.	13.	52.	131.	996.	1127.						
PENNSYLVANIA																	
045 Philadelphia	002	A10	7618	13.	13.	79.	131.	236.	498.	707.	1258.	2306.	211.	247.15	113.85	3.34	

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

1968 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	002	F01	8077	13.	13.	13.	13.	13.	52.	79.	131.	419.	27.	28.26	19.32	2.02	

SULFUR DIOXIDE, micrograms per cubic meter (25 C)
WILSON IMPINGR HYDROGEN PEROXIDE NAOH TITRATION, 1 hour

1968 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																
043 New York City	002	H01	2029	13.	79.	131.	183.	236.	341.	419.	681.	996.				
	003	H01	783	13.	52.	79.	105.	157.	210.	262.	393.	472.				
	004	H01	1483	13.	52.	79.	105.	157.	262.	314.	419.	760.				
	005	H01	755	13.	79.	105.	157.	210.	314.	367.	524.	760.				
	006	H01	1512	13.	52.	105.	131.	210.	341.	445.	891.	1415.				
	007	H01	903	13.	52.	79.	105.	105.	157.	210.	262.	393.				
	011	H01	300	13.	79.	105.	131.	157.	183.	210.	419.	472.				
	012	H01	2481	13.	157.	210.	314.	419.	681.	917.	1467.	1939.				
	013	H01	1001	13.	262.	367.	472.	550.	838.	996.	1467.	2044.				
	014	H01	7270	13.	131.	210.	288.	419.	655.	838.	1389.	2463.				
	022	H01	2996	13.	105.	157.	262.	367.	603.	707.	1100.	1677.				
	023	H01	1124	13.	314.	419.	498.	603.	865.	1048.	1362.	1729.				
	024	H01	14	79.	105.	157.	183.	210.	262.	393.	393.	393.				
	025	H01	825	13.	105.	131.	157.	210.	288.	314.	419.	524.				
	026	H01	1292	13.	341.	419.	524.	629.	891.	1100.	1467.	1782.				
	027	H01	1305	13.	262.	341.	419.	550.	812.	996.	1310.	1886.				
	028	H01	4216	13.	210.	262.	314.	367.	472.	472.	576.	838.				
	031	H01	2308	13.	52.	105.	157.	183.	262.	314.	419.	943.				
	033	H01	1022	13.	52.	105.	131.	157.	236.	288.	419.	576.				
	034	H01	1872	13.	52.	105.	131.	157.	236.	298.	419.	707.				
	041	H01	1804	13.	13.	52.	105.	183.	314.	393.	655.	1258.				

SULFUR DIOXIDE, micrograms per cubic meter (25 C)
DAVIS INST SEQUENTIAL-CONDUCTIMETRIC, 1 hour
1968 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	8184	13.	13.	60.	100.	178.	375.	532.	930.	3013.	164.	191.61	99.09	2.83

SULFUR DIOXIDE, micrograms per cubic meter (25 C)
GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours
1968 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																
004 Birmingham	002	A01	11	2	5	15	16	18	40	41	41	41				
	003	A01	15	3	3	5	9	9	26	93	93	93				
ALASKA																
009 Fairbanks	001	A01	30	3	5	5	7	9	11	22	56	56	10	9.65	7.59	1.82
ARIZONA																
015 Phoenix	002	A01	26	3	3	7	9	10	18	27	42	42	10	8.25	8.30	1.92
ARKANSAS																
019 El Dorado	001	A01	26	3	3	5	9	15	38	41	75	75	14	15.68	9.51	2.40
CALIFORNIA																
024 Anaheim	001	A01	26	5	6	7	11	18	27	37	38	38	15	9.23	12.21	1.82
024 Long Beach	001	A01	22	7	14	25	38	67	125	139	160	160	56	43.32	40.99	2.32
024 San Bernardino	001	A01	26	3	3	7	9	12	15	18	25	25	10	5.24	8.16	1.89
029 San Diego	001	A01	25	3	3	7	9	14	23	30	31	31	12	8.34	8.96	2.16
030 San Francisco	001	A01	23	3	3	6	7	11	21	35	58	58	12	12.63	7.91	2.34
030 San Jose	002	A01	26	3	3	5	7	9	11	14	17	17	7	3.85	6.17	1.85
COLORADO																
036 Denver	002	A01	24	3	5	13	14	17	40	40	43	43	17	11.05	14.21	1.97
	002	A10	24	3	5	13	14	17	40	40	43	43	17	11.05	14.21	1.97
CONNECTICUT																
042 Hartford	001	A01	24	6	7	13	33	68	122	135	167	167	52	46.43	32.85	2.90
042 New Haven	001	A01	25	21	33	41	87	122	224	288	436	436	109	95.51	81.23	2.17
043 Bridgeport	001	A01	25	9	15	35	47	82	187	190	302	302	79	73.35	52.87	2.55
DELAWARE																
045 Newark	001	A01	25	6	7	11	14	30	63	86	108	108	26	26.01	18.05	2.25
045 Wilmington	001	A01	21	7	13	25	36	76	127	199	254	254	64	64.55	41.64	2.63
046 Kent Co	001	A03	25	3	3	9	14	18	28	29	44	44	15	10.14	10.92	2.39
DISTRICT OF COLUMBIA																
047 Washington	002	A01	26	3	7	20	39	80	187	196	197	197	64	62.14	37.49	3.19
	002	A10	11	3	7	15	40	80	110	187	187	187	58	55.93	32.47	3.65
FLORIDA																
050 Miami	002	A01	26	3	3	3	6	7	16	19	21	21	7	5.29	5.42	2.05
052 Manatee Co	005	G02	114	3	3	3	3	3	11	32	37	51				
	008	G02	123	3	3	3	3	3	21	27	47	49				
	010	G02	72	3	3	3	3	5	13	16	38	38				
	013	G02	124	3	3	3	3	3	11	26	39	62				
052 Tampa	002	A01	26	3	3	9	14	19	49	67	89	89	20	20.07	13.69	2.58
GEORGIA																
056 Atlanta	001	A01	25	3	8	11	18	36	85	96	96	96	31	28.87	20.60	2.57
ILLINOIS																
067 Calumet City	001	G01	100	3	3	3	3	3	3	3	3	3	3		2.50	1.00
067 Chicago	002	A01	23	16	43	55	139	277	326	330	419	419	174	120.99	125.32	2.55
	002	A10	23	16	43	55	139	277	326	330	419	419	174	120.99	125.32	2.55
	003	H01	81	2	5	13	18	37	123	160	196	196	41	49.56	22.21	3.14

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

1968 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.	
ILLINOIS — Cont.																	
	004	H01	86	2.	2.	13.	34.	92.	236.	369.	838.	838.	91.	139.87	34.07	4.62	
	005	H01	91	2.	10.	26.	45.	141.	422.	482.	1035.	1035.	138.	195.70	55.86	4.26	
	006	H01	89	2.	10.	47.	89.	149.	278.	330.	490.	490.	115.	104.13	66.08	3.56	
	007	H01	84	2.	8.	24.	42.	86.	183.	210.	432.	432.	73.	82.09	37.91	3.63	
	008	H01	89	2.	10.	39.	84.	155.	406.	424.	574.	574.	137.	142.06	67.94	4.15	
	009	H01	85	2.	2.	13.	34.	60.	183.	291.	836.	836.	78.	124.66	29.66	4.49	
	010	H01	82	2.	2.	2.	8.	13.	24.	37.	134.	134.	13.	17.55	7.65	2.67	
	011	H01	85	2.	2.	13.	21.	39.	76.	113.	231.	231.	34.	37.79	19.18	3.27	
	012	H01	87	2.	2.	13.	34.	89.	207.	367.	741.	741.	90.	131.85	33.01	4.86	
	013	H01	89	2.	5.	16.	52.	102.	223.	299.	621.	621.	90.	110.53	41.49	4.10	
	015	H01	90	2.	2.	16.	34.	68.	139.	228.	474.	474.	62.	78.35	30.28	3.77	
	016	H01	86	2.	2.	13.	34.	65.	176.	238.	341.	341.	60.	75.07	27.33	4.09	
	017	H01	87	2.	2.	8.	16.	37.	136.	194.	299.	299.	42.	62.76	16.51	4.05	
	018	H01	81	2.	2.	13.	29.	60.	149.	178.	301.	301.	56.	62.95	27.49	3.83	
	019	H01	82	2.	2.	10.	21.	42.	110.	176.	307.	307.	44.	61.47	19.04	3.96	
	020	H01	76	2.	5.	16.	42.	121.	275.	409.	639.	639.	101.	131.33	41.46	4.47	
	021	H01	87	2.	2.	18.	37.	60.	131.	249.	511.	511.	62.	82.15	31.14	3.61	
	022	H01	3	21.	21.	21.	24.	55.	55.	55.	55.	55.					
067 Chicago Heights	001	G01	100	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.		2.50	1.00	
067 Cicero	001	G01	94	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.		2.50	1.00	
067 Cook Co	001	G01	98	3.	3.	3.	3.	3.	3.	3.	130.	130.	4.	12.88	2.60	1.49	
067 Harvey	001	G01	99	3.	3.	3.	3.	3.	3.	3.	182.	182.	5.	20.39	2.71	1.76	
067 Hillside	001	G01	98	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.		2.50	1.00	
067 Wilmette	001	G01	99	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.		2.50	1.00	
INDIANA																	
067 East Chicago	001	A01	25	24.	28.	37.	40.	71.	187.	189.	289.	289.	75.	67.69	56.40	2.03	
077 Evansville	001	A01	26	3.	9.	11.	15.	29.	58.	60.	60.	60.	24.	17.40	17.97	2.19	
078 New Albany	002	A01	24	7.	11.	14.	23.	55.	111.	123.	147.	147.	45.	41.91	29.24	2.57	
080 Indianapolis	001	A01	25	3.	9.	26.	35.	46.	67.	99.	115.	115.	39.	26.34	29.97	2.35	
083 Monroe Co	001	A03	24	3.	3.	7.	8.	11.	18.	20.	26.	26.	10.	5.79	7.97	1.88	
IOWA																	
068 Dubuque	001	A01	26	3.	3.	5.	9.	13.	32.	40.	50.	50.	13.	11.90	9.57	2.27	
092 Des Moines	001	A01	25	3.	3.	7.	8.	13.	23.	27.	33.	33.	11.	8.18	8.56	2.12	
KANSAS																	
099 Wichita	001	A01	26	3.	3.	3.	7.	9.	11.	12.	12.	12.	7.	3.42	5.56	1.86	
KENTUCKY																	
078 Louisville	001	A01	26	7.	14.	27.	45.	68.	130.	147.	152.	152.	56.	40.63	42.65	2.22	
079 Covington	001	A01	25	7.	7.	22.	24.	33.	82.	94.	127.	127.	36.	30.14	26.67	2.19	
102 Lexington	001	A01	26	3.	3.	7.	11.	18.	31.	36.	114.	114.	17.	21.93	10.62	2.66	
LOUISIANA																	
106 Iberville Par	001	A03	25	3.	5.	7.	7.	9.	12.	36.	44.	44.	10.	9.43	7.96	1.87	
106 New Orleans	002	A01	22	3.	3.	7.	8.	11.	19.	25.	49.	49.	10.	10.31	7.49	2.28	
MAINE																	
109 Acadia Nat Park	001	A03	26	3.	3.	3.	7.	9.	11.	12.	13.	13.	7.	3.55	5.81	1.86	
MARYLAND																	
115 Baltimore	001	A01	21	6.	18.	32.	57.	96.	224.	225.	272.	272.					
MASSACHUSETTS																	
042 Holyoke	004	F01	4	26.	26.	39.	39.	147.	152.	152.	152.	152.					
042 Springfield	003	A01	28	11.	18.	31.	63.	80.	185.	196.	474.	474.	84.	90.73	58.21	2.36	
118 Worcester	001	A01	26	5.	18.	26.	41.	106.	131.	160.	181.	181.	67.	50.59	47.52	2.57	

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

1968 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 — Cont.																
119 Boston	001	A01	22	3.	5.	6.	10.	95.	133.	158.	246.	246.				
MICHIGAN																
122 Flint	001	A01	26	3.	9.	15.	21.	25.	39.	61.	71.	71.	23.	15.40	18.47	2.00
122 Grand Rapids	001	A01	27	6.	7.	15.	16.	21.	39.	73.	77.	77.	22.	17.88	17.58	1.95
123 Detroit	001	A01	25	11.	24.	37.	48.	93.	123.	124.	186.	186.	66.	43.73	53.61	1.98
MINNESOTA																
131 Minneapolis	001	A01	26	5.	5.	8.	11.	28.	94.	98.	100.	100.	28.	31.98	16.44	2.81
MISSOURI																
070 St Louis	001	A01	22	11.	39.	70.	87.	118.	131.	169.	193.	193.	91.	44.90	77.79	1.92
	002	A01	25	14.	26.	47.	62.	98.	171.	188.	300.	300.	86.	65.20	66.31	2.11
	002	A10	25	14.	26.	47.	62.	98.	171.	188.	300.	300.	86.	65.20	66.31	2.11
094 Kansas City	001	A01	27	3.	3.	7.	9.	12.	22.	34.	44.	44.	12.	9.76	8.61	2.23
NEBRASKA																
085 Omaha	001	A01	26	3.	3.	7.	8.	11.	33.	65.	71.	71.	15.	17.33	9.73	2.36
NEW JERSEY																
043 Jersey City	001	A01	25	3.	3.	5.	7.	9.	29.	57.	66.	66.	12.	15.95	7.40	2.51
043 Newark	001	A01	25	12.	24.	45.	94.	149.	229.	286.	297.	297.	112.	86.07	79.35	2.50
043 Paterson	001	A01	25	18.	30.	36.	58.	90.	157.	313.	381.	381.	89.	87.32	64.52	2.17
045 Camden	001	A01	25	7.	27.	71.	97.	188.	259.	288.	296.	296.	126.	86.37	91.78	2.57
045 Camden Co	002	A01	26	5.	10.	18.	39.	71.	106.	136.	187.	187.	52.	44.01	35.99	2.56
045 Glassboro	001	A01	26	3.	6.	9.	13.	32.	73.	77.	120.	120.	25.	27.52	16.37	2.56
NEW MEXICO																
152 Albuquerque	001	A01	26	3.	3.	5.	6.	7.	9.	9.	10.	10.	6.	2.38	5.42	1.61
NEW YORK																
043 New York City	001	A01	17	53.	83.	121.	186.	330.	443.	653.	653.	653.				
158 Mohawk	001	F01	49	2.	2.	8.	16.	39.	113.	136.	231.	231.				
158 Syracuse	001	A01	22	3.	7.	17.	20.	34.	74.	77.	88.	88.	29.	23.84	20.83	2.44
158 Utica	001	A01	27	3.	5.	10.	18.	39.	55.	91.	116.	116.	29.	27.54	19.26	2.64
	001	F01	45	2.	8.	13.	21.	29.	68.	79.	149.	149.	29.	28.07	20.86	2.32
159 Glens Falls	002	F01	19	2.	2.	13.	16.	31.	58.	241.	241.	241.				
160 Rochester	001	A01	26	7.	14.	22.	31.	47.	91.	124.	151.	151.	44.	35.78	33.30	2.13
	001	F01	60	2.	24.	39.	76.	118.	225.	301.	548.	548.	105.	106.59	68.16	2.75
	002	F01	2	16.	16.	16.	16.	45.	45.	45.	45.	45.				
	003	F01	46	8.	21.	39.	45.	65.	97.	113.	147.	147.				
161 Albany	001	A01	20	3.	7.	15.	34.	50.	85.	124.	198.	198.				
	001	F01	25	13.	42.	81.	97.	115.	183.	189.	191.	191.				
	002	F01	48	10.	18.	37.	58.	100.	265.	346.	23580.	23580.	580.	391.59	69.61	3.40
161 Gloversville	001	F01	28	2.	5.	13.	21.	29.	60.	65.	79.	79.				
162 Buffalo	001	A01	26	5.	5.	12.	18.	29.	44.	71.	166.	166.	27.	32.29	17.92	2.40
NORTH CAROLINA																
136 Greensboro	001	A01	25	3.	3.	7.	17.	29.	50.	55.	56.	56.	21.	17.45	13.51	2.87
166 Durham	001	A01	25	3.	5.	9.	12.	22.	57.	62.	85.	85.	21.	21.12	13.94	2.57
OHIO																
079 Cincinnati	001	A01	26	5.	7.	14.	18.	32.	61.	89.	114.	114.	29.	25.70	20.82	2.23
	003	A01	26	3.	7.	19.	27.	38.	76.	90.	93.	93.	35.	25.58	25.22	2.59
	003	A10	26	3.	7.	19.	27.	38.	76.	90.	93.	93.	35.	25.58	25.22	2.59
124 Toledo	001	A01	24	5.	10.	18.	29.	46.	54.	91.	123.	123.	36.	27.37	27.69	2.18
173 Dayton	001	A01	26	3.	3.	3.	6.	9.	12.	14.	19.	19.	7.	4.31	5.36	1.96

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

1968 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.	
OHIO — Cont.																	
174 Akron	001	A01	24	14.	21.	38.	63.	82.	159.	173.	185.	185.	76.	52.17	58.96	2.15	
174 Canton	001	A01	26	12.	30.	37.	46.	73.	122.	173.	186.	186.	64.	44.17	52.85	1.88	
174 Cleveland	001	A01	26	15.	32.	46.	82.	116.	176.	188.	199.	199.	86.	50.20	71.04	1.94	
	001	H01	48	12.	45.	73.	93.	115.	173.	226.	441.	441.					
	003	H01	43	17.	27.	50.	65.	105.	151.	176.	176.	176.					
	005	H01	66	20.	40.	65.	83.	118.	171.	315.	735.	735.	113.	117.39	86.93	1.94	
	006	H01	48	7.	17.	32.	45.	52.	85.	113.	126.	126.					
	007	H01	69	3.	12.	25.	36.	63.	120.	126.	277.	277.	52.	48.57	35.67	2.49	
	008	H01	59	25.	37.	93.	123.	151.	229.	259.	274.	274.	129.	62.75	112.13	1.80	
	009	H01	68	10.	20.	37.	60.	98.	241.	282.	531.	531.	95.	97.40	63.80	2.44	
	010	H01	58	7.	12.	25.	45.	63.	126.	272.	352.	352.					
	011	H01	65	7.	27.	35.	57.	80.	128.	176.	519.	519.	77.	75.74	57.26	2.13	
	013	H01	66	12.	27.	55.	100.	166.	267.	347.	897.	897.	140.	138.36	95.94	2.45	
176 Columbus	001	A01	23	7.	10.	14.	21.	37.	43.	48.	64.	64.	26.	14.88	22.09	1.82	
178 Youngstown	001	A01	26	13.	16.	21.	31.	45.	75.	137.	144.	144.	43.	33.91	34.55	1.93	
OKLAHOMA																	
184 Oklahoma City	029	A01	27	3.	3.	6.	7.	9.	12.	24.	39.	39.	9.	7.47	7.02	1.95	
186 Tulsa	001	A01	25	3.	3.	5.	7.	9.	13.	16.	18.	18.	7.	4.25	6.13	1.90	
	111	F01	14	13.	13.	16.	24.	34.	50.	68.	68.	68.					
	112	F01	13	13.	13.	13.	13.	13.	26.	31.	31.	31.					
OREGON																	
193 Portland	001	A01	26	3.	7.	11.	15.	27.	45.	73.	121.	121.	24.	25.07	16.92	2.31	
PENNSYLVANIA																	
045 Philadelphia	001	A01	26	19.	28.	36.	59.	113.	196.	251.	310.	310.	90.	77.33	65.74	2.23	
045 Warminster	001	A01	25	7.	9.	11.	14.	19.	43.	68.	142.	142.	25.	28.15	18.37	2.02	
045 West Chester	001	A01	26	5.	5.	8.	9.	14.	23.	25.	37.	37.	12.	7.33	10.67	1.67	
151 Allentown	001	A01	23	6.	7.	11.	31.	54.	108.	133.	207.	207.	49.	49.70	29.18	2.97	
151 Reading	001	A01	24	7.	24.	42.	64.	118.	180.	193.	249.	249.					
196 Lancaster City	001	A01	22	3.	3.	3.	7.	36.	50.	64.	69.	69.					
196 York	002	A01	26	13.	18.	30.	46.	78.	142.	149.	162.	162.					
197 Pittsburgh	001	A01	25	9.	30.	45.	54.	92.	139.	156.	264.	264.	76.	54.98	59.80	2.08	
PUERTO RICO																	
244 Bayamon	002	A01	25	3.	3.	5.	7.	8.	9.	13.	16.	16.	7.	3.23	6.13	1.69	
244 Guayanilla	001	A01	24	3.	3.	7.	7.	8.	14.	16.	21.	21.	8.	4.53	6.30	1.87	
RHODE ISLAND																	
120 Providence	001	A01	24	5.	7.	14.	28.	49.	209.	221.	245.	245.	56.	69.89	29.03	3.28	
SOUTH DAKOTA																	
205 Black Hills Nat Forest	001	A03	24	3.	3.	3.	5.	7.	9.	9.	13.	13.	5.	2.90	4.61	1.75	
TENNESSEE																	
018 Memphis	001	A01	25	3.	3.	7.	9.	12.	18.	22.	23.	23.	10.	5.82	8.17	1.95	
055 Chattanooga	001	A01	25	3.	5.	9.	13.	43.	68.	75.	91.	91.					
208 Nashville	001	A01	26	3.	5.	11.	16.	36.	59.	112.	135.	135.	29.	31.93	18.38	2.64	
TEXAS																	
153 El Paso	001	A01	25	3.	5.	11.	16.	35.	78.	82.	124.	124.	29.	30.52	17.65	2.76	
215 Dallas	002	A01	25	3.	3.	7.	7.	9.	12.	13.	14.	14.	7.	3.37	6.54	1.74	
215 Fort Worth	001	A01	26	3.	3.	3.	7.	9.	13.	14.	15.	15.	7.	3.75	5.53	1.88	
216 Houston	001	A01	23	3.	3.	3.	9.	11.	24.	25.	39.	39.					
216 Pasadena	001	A01	24	3.	3.	7.	7.	15.	29.	32.	56.	56.	13.	12.68	9.25	2.46	
217 San Antonio	001	A01	25	3.	3.	5.	7.	8.	11.	12.	13.	13.	7.	3.14	5.94	1.69	

SULFUR DIOXIDE, micrograms per cubic meter (25 C)
GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours
1968 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.	
UTAH																	
220 Salt Lake City	001	A01	24	3.	3.	7.	10.	22.	33.	55.	62.	62.	17.	15.77	11.69	2.51	
VIRGINIA																	
047 Prince William Co	001	G01	29	2.	2.	110.	283.	432.	768.	922.	983.	983.					
223 Norfolk	001	A01	26	7.	9.	22.	25.	49.	68.	82.	93.	93.	36.	24.06	28.63	2.06	
225 Richmond	002	A01	25	10.	13.	18.	21.	58.	90.	90.	113.	113.	40.	31.32	29.92	2.17	
226 Roanoke	002	H02	56	2.	2.	2.	10.	24.	86.	97.	118.	118.					
	003	H02	61	2.	2.	5.	8.	16.	63.	86.	139.	139.					
226 Shenandoah Nat Park	001	A03	25	3.	3.	5.	7.	9.	15.	21.	63.	63.	10.	11.91	7.23	2.08	
WASHINGTON																	
229 Seattle	001	A01	26	7.	9.	16.	20.	34.	54.	58.	68.	68.	26.	16.51	21.03	1.92	
WEST VIRGINIA																	
234 Charleston	001	A01	26	5.	9.	15.	22.	32.	63.	71.	74.	74.	29.	20.55	22.31	2.14	
WISCONSIN																	
239 Milwaukee	001	A01	24	7.	9.	16.	28.	44.	91.	99.	118.	118.	38.	29.89	27.79	2.25	
WYOMING																	
241 Casper	001	A01	26	3.	5.	7.	7.	9.	15.	19.	28.	28.	9.	5.35	7.80	1.71	

**NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
INSTRUMENTAL COLORIMETRIC-LYSHKOW (MOD), 1 hour
1968 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	6981	9.	9.	28.	47.	75.	141.	188.	395.	1504.					
CALIFORNIA																	
024 Anaheim	001	I01	7356	9.	9.	56.	94.	113.	207.	282.	395.	639.					
024 Azusa	002	I01	7622	9.	9.	9.	56.	113.	188.	244.	414.	639.					3.32
024 Burbank	002	I01	7583	9.	75.	132.	169.	226.	376.	470.	658.	1015.	201.	129.98	164.20		1.98
024 La Habra	001	I01	6262	9.	9.	56.	75.	113.	188.	226.	338.	884.					
024 Lennox	001	I01	7351	9.	38.	75.	113.	150.	263.	338.	545.	1072.	134.	106.87	97.92		2.43
024 Long Beach	002	I01	7492	9.	56.	94.	113.	169.	301.	395.	620.	1316.	156.	121.91	118.48		2.21
024 Los Angeles	001	I01	7623	9.	38.	75.	113.	150.	244.	301.	489.	884.	131.	90.90	101.60		2.25
	002	I01	7798	9.	56.	75.	113.	150.	244.	320.	508.	884.	136.	93.40	110.38		1.96
024 Los Angeles Co	001	I01	7558	9.	38.	56.	94.	132.	226.	282.	432.	865.	117.	91.79	83.55		2.54
024 Pasadena	001	I01	5263	9.	38.	75.	94.	132.	188.	226.	320.	602.					
	003	I01	3077	9.	38.	75.	113.	169.	320.	414.	583.	996.					
024 Pomona	001	I01	7848	9.	75.	94.	132.	169.	244.	301.	470.	790.	148.	85.78	126.04		1.81
024 Redlands	001	I01	4896	9.	9.	9.	38.	56.	94.	113.	169.	376.					
024 Riverside	001	I01	428	9.	9.	38.	56.	94.	188.	207.	282.	414.					
024 San Bernardino	001	I01	5808	9.	9.	38.	56.	75.	113.	150.	226.	470.					
024 San Bernardino Co	002	I01	1961	9.	9.	9.	9.	38.	56.	75.	113.	188.					
025 Salinas	001	I01	8117	9.	9.	9.	38.	38.	75.	75.	113.	188.	32.	27.59	22.15		2.43
025 Santa Cruz Co	001	I01	8182	9.	9.	9.	9.	38.	56.	75.	113.	226.	27.	23.23	19.24		2.25
028 Sacramento	002	F01	6416	9.	9.	9.	38.	56.	94.	113.	169.	338.					
029 San Diego Co	005	I01	7550	9.	9.	38.	56.	75.	113.	150.	244.	639.	65.	48.91	47.35		2.41
030 Oakland	003	G01	8112	9.	9.	38.	56.	75.	113.	150.	226.	470.	64.	47.78	47.18		2.38
030 Pittsburg	001	I01	659	9.	9.	38.	56.	75.	94.	132.	207.						
030 Redwood City	001	I01	7661	9.	9.	38.	38.	56.	94.	132.	207.	395.	50.	42.93	34.80		2.51
030 Richmond	001	I01	7504	9.	9.	38.	56.	94.	132.	150.	188.	376.	70.	44.54	53.01		2.36
030 San Francisco Co	002	I01	4848	9.	9.	38.	56.	75.	132.	150.	226.	489.					
030 San Jose	003	I01	7829	9.	38.	38.	56.	75.	132.	169.	282.	545.	71.	51.55	55.87		2.10
030 San Rafael	001	I01	7893	9.	9.	38.	56.	75.	113.	132.	226.	451.	62.	42.35	48.21		2.22
031 Bakersfield	001	A01	7416	9.	9.	38.	56.	94.	132.	169.	226.	414.	71.	46.94	53.73		2.31
031 Fresno	002	F01	7446	9.	9.	38.	38.	56.	94.	132.	188.	320.					
031 Stockton	002	F01	6908	9.	9.	38.	56.	75.	113.	150.	188.	414.					
KENTUCKY																	
079 Covington	003	F01	1661	9.	9.	9.	28.	55.	116.	157.	270.	4849.					

NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
INSTRUMENTAL COLORIMETRIC-GRIESS-SALTZMAN, 1 hour
1968 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	6422	9.	9.	38.	56.	75.	113.	132.	207.	508.				
DISTRICT OF COLUMBIA																
047 Washington	002	A10	5727	9.	38.	56.	75.	94.	150.	169.	226.	451.				
ILLINOIS																
067 Chicago	002	A10	6970	9.	56.	75.	94.	94.	132.	150.	207.	338.	91.	35.08	83.73	1.53
MISSOURI																
070 St Louis	002	A10	7213	9.	9.	38.	38.	56.	75.	94.	132.	338.	43.	28.69	32.61	2.29
NEW JERSEY																
043 Bayonne	003	F01	8218	9.	39.	68.	96.	120.	160.	184.	254.	545.	99.	50.94	85.77	1.78
043 Newark	002	F01	4671	9.	66.	92.	109.	132.	169.	188.	265.	474.				
045 Camden	003	F01	7903	9.	36.	60.	81.	103.	143.	165.	227.	506.	87.	45.48	74.96	1.77
OHIO																
079 Cincinnati	003	A10	6472	9.	38.	38.	56.	75.	94.	113.	150.	1053.				
PENNSYLVANIA																
045 Philadelphia	002	A10	6887	9.	38.	56.	56.	94.	132.	150.	226.	376.				

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

1968 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	8511	65.	65.	196.	654.	1570.	4316.	5886.	8240.	12818.	1526.	919.79	658.15	4.11	
CALIFORNIA																	
024 Anaheim	001	I01	8356	65.	1308.	1962.	1962.	2616.	4578.	5232.	7848.	9810.	2639.	342.57	382.03	1.56	
024 Azusa	002	I01	8261	654.	1308.	1308.	1962.	1962.	2616.	3270.	4578.	7848.	1901.	765.47	780.08	1.42	
024 Los Angeles	001	I01	8511	654.	1308.	1308.	1962.	2616.	3270.	4578.	5886.	9156.	2179.	27.22	991.06	1.51	
024 Pasadena	001	I01	5730	654.	1308.	1962.	1962.	2616.	3270.	3270.	4578.	7194.					
	003	I01	2169	654.	654.	1308.	1962.	2616.	3924.	4578.	5886.	7194.					
024 Riverside	001	I01	7499	654.	1308.	1308.	1962.	2616.	3270.	3924.	5232.	9810.					
024 San Bernardino	001	I01	8623	1308.	1308.	1962.	1962.	2616.	3270.	3924.	5232.	6540.	2343.	831.39	211.62	1.40	
025 Salinas	001	I01	8337	65.	1308.	1308.	1308.	1308.	1962.	1962.	2616.	7194.	1482.	355.46	449.01	1.22	
025 Santa Cruz Co	001	I01	1693	654.	1308.	1308.	1308.	1962.	1962.	1962.	1962.	1962.					
028 Sacramento	002	F01	8125	654.	1308.	1962.	1962.	2616.	3270.	3924.	6540.	9810.	2325.	19.98	172.63	1.41	
030 Burlingame	001	I01	2792	1308.	1308.	1308.	1962.	2616.	3924.	3924.	5232.	6540.					
030 Oakland	003	G01	8265	654.	1308.	1962.	1962.	2616.	3924.	3924.	5232.	7194.	2518.	151.77	329.68	1.45	
030 Pittsburg	001	I01	696	1308.	1308.	1962.	1962.	2616.	3270.	3924.	5232.	5886.					
030 Redwood City	001	I01	4674	654.	1962.	3270.	3924.	5232.	7194.	7848.	9810.	9810.					
030 Richmond	001	I01	8137	654.	1962.	1962.	1962.	2616.	3924.	3924.	5232.	6540.	2705.	89.43	540.72	1.40	
030 San Francisco Co	002	I01	4780	1308.	1962.	1962.	1962.	2616.	3270.	3924.	6540.	9810.					
030 San Jose	003	I01	8487	654.	1308.	1962.	1962.	2616.	3924.	4578.	6540.	9810.	2332.	154.74	121.96	1.51	
030 San Rafael	001	I01	8173	654.	1308.	1962.	1962.	1962.	3270.	3924.	5232.	9810.	2199.	985.28	32.60	1.46	
031 Bakersfield	001	A01	8284	654.	1308.	1962.	2616.	3270.	4578.	5886.	7848.	9810.	2868.	388.05	593.30	1.55	
031 Fresno	002	F01	8267	1308.	1308.	1308.	1308.	1962.	2616.	3270.	4578.	7848.	1785.	730.37	682.72	1.38	
031 Stockton	002	F01	8006	654.	1308.	1962.	1962.	1962.	2616.	3924.	5232.	9810.	2081.	815.82	959.87	1.40	
COLORADO																	
036 Denver	002	A10	6420	65.	1177.	1439.	1700.	2027.	2812.	3466.	5101.	11314.					
DISTRICT OF COLUMBIA																	
047 Washington	002	A10	7314	458.	1046.	1177.	1308.	1504.	1962.	2289.	3793.	8829.					
ILLINOIS																	
067 Chicago	002	A10	6766	262.	1308.	1570.	1831.	2093.	2616.	2943.	3989.	8044.					
KENTUCKY																	
079 Covington	003	F01	1642	65.	65.	164.	654.	1341.	2698.	3761.	6998.	9320.					
079 Newport	001	F01	3182	65.	65.	719.	1439.	2845.	5723.	8993.	14551.	21092.					
MISSOURI																	
070 St Louis	002	A10	7868	523.	1308.	1700.	2093.	2420.	3270.	3924.	6082.	10791.	2230.	967.45	67.01	1.46	
NEW JERSEY																	
043 Bayonne	003	F01	7962	164.	916.	1145.	1341.	1602.	2551.	3205.	5330.	13799.	1574.	920.16	412.82	1.54	
043 Newark	002	F01	4665	589.	981.	1145.	1308.	1537.	2126.	2518.	3989.	12230.					
045 Camden	003	F01	6858	262.	785.	948.	1079.	1243.	1700.	1995.	2943.	4643.					
OHIO																	
079 Cincinnati	003	A10	7229	719.	1177.	1308.	1439.	1700.	2551.	3335.	4578.	9483.					
174 Akron	013	H01	5076	1962.	1962.	3270.	3270.	3924.	5886.	7848.	7848.	64746.					
174 Barberton	006	H01	2026	1308.	1962.	2616.	3270.	3924.	6540.	6540.	10464.	17658.					
PENNSYLVANIA																	
045 Philadelphia	002	A10	5380	65.	850.	1112.	1243.	1504.	2158.	2616.	3793.	6344.					

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

1968 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	6936	10.	10.	10.	39.	59.	118.	147.	235.	9820.				
CALIFORNIA																
024 Anaheim	001	I01	8115	10.	10.	10.	39.	59.	137.	196.	333.	706.	60.	69.76	34.42	2.94
024 Azusa	002	I01	8212	10.	10.	10.	39.	78.	255.	353.	529.	862.	89.	117.96	40.95	3.58
024 Burbank	002	I01	8151	10.	10.	10.	39.	59.	216.	314.	490.	823.	74.	106.68	31.57	3.59
024 La Habra	001	I01	7945	10.	10.	10.	39.	59.	118.	176.	294.	647.				
024 Lennox	001	I01	8237	10.	10.	10.	10.	39.	98.	118.	216.	451.	39.	43.95	23.26	2.66
024 Long Beach	002	I01	8120	10.	10.	10.	10.	39.	59.	98.	157.	647.	28.	33.86	17.64	2.37
024 Los Angeles	001	I01	8155	10.	10.	10.	39.	59.	157.	235.	372.	902.	61.	79.87	30.64	3.20
	002	I01	8204	10.	10.	10.	39.	78.	157.	196.	314.	862.	60.	69.37	32.92	3.10
024 Los Angeles Co	001	I01	8055	10.	10.	10.	39.	78.	216.	294.	451.	666.	73.	97.39	33.71	3.50
024 Pasadena	001	I01	6047	10.	10.	10.	39.	78.	274.	372.	568.	882.				
	003	I01	3305	10.	10.	10.	39.	98.	274.	372.	608.	941.				
024 Pomona	001	I01	8325	10.	10.	10.	39.	78.	235.	333.	529.	960.	81.	113.95	35.31	3.62
024 Redlands	001	I01	5146	10.	10.	10.	10.	98.	235.	333.	510.	784.				
024 Riverside	001	I01	3305	10.	10.	10.	39.	78.	196.	274.	470.	823.				
024 San Bernardino	001	I01	8229	10.	10.	10.	10.	59.	196.	274.	412.	686.	65.	89.77	29.45	3.44
024 San Bernardino Co	002	I01	5932	10.	10.	10.	39.	78.	137.	176.	294.	510.				
024 Santa Ana	002	I01	6964	10.	10.	10.	39.	59.	98.	137.	196.	490.				
025 Monterey Co	001	I01	7788	10.	10.	10.	39.	59.	98.	118.	157.	294.	46.	35.70	32.02	2.54
025 Salinas	001	I01	7868	10.	10.	10.	39.	39.	59.	78.	118.	216.	36.	26.22	25.77	2.33
025 Santa Cruz Co	001	I01	8101	10.	10.	10.	39.	59.	78.	98.	137.	216.	39.	31.33	27.04	2.48
028 Sacramento	002	F01	6875	10.	10.	10.	10.	39.	78.	98.	176.	294.				
028 Sacramento Co	001	I01	7693	10.	10.	10.	10.	39.	98.	118.	157.	274.	38.	36.77	23.97	2.61
029 San Diego Co	005	I01	7387	10.	10.	10.	39.	78.	137.	157.	235.	451.	60.	53.44	37.41	2.85
030 Oakland	003	G01	7852	10.	10.	10.	10.	39.	59.	78.	98.	176.	30.	24.85	21.33	2.31
031 Bakersfield	001	A01	7840	10.	10.	10.	39.	78.	118.	157.	235.	353.	59.	50.66	38.36	2.72
031 Fresno	002	F01	7753	10.	10.	10.	39.	78.	157.	196.	274.	490.	64.	61.85	39.55	2.82
031 Stockton	002	F01	6568	10.	10.	39.	39.	78.	118.	176.	235.	588.				
COLORADO																
036 Denver	002	A10	4333	10.	10.	39.	59.	78.	118.	137.	196.	510.				
DISTRICT OF COLUMBIA																
047 Washington	002	A10	5329	10.	10.	10.	39.	59.	118.	157.	235.	490.				
ILLINOIS																
067 Chicago	002	A10	5030	10.	10.	10.	39.	59.	98.	118.	196.	353.				
KENTUCKY																
079 Covington	003	F01	1431	10.	10.	42.	69.	103.	180.	222.	319.	9053.				
MISSOURI																
070 St Louis	002	A10	4395	10.	10.	10.	39.	59.	78.	98.	157.	451.				
OHIO																
079 Cincinnati	003	A10	2395	10.	10.	10.	39.	59.	98.	118.	176.	274.				
OREGON																
193 Portland	002	F01	8733	10.	10.	10.	10.	10.	39.	59.	78.	274.	16.	17.56	12.46	1.80
PENNSYLVANIA																
045 Philadelphia	002	A10	3880	10.	10.	10.	39.	59.	98.	118.	176.	412.				

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

1968 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	101	6129	10.	10.	10.	39.	39.	78.	98.	176.	647.				
030 Livermore	001	101	7398	10.	10.	10.	39.	78.	157.	216.	353.	686.				
030 Pittsburg	001	101	696	10.	10.	10.	10.	10.	39.	39.	39.	59.				
030 Redwood City	001	101	8631	10.	10.	10.	10.	59.	118.	118.	196.	431.	43.	45.51	25.73	2.80
030 Richmond	001	101	7982	10.	10.	10.	39.	59.	98.	137.	196.	372.	47.	43.94	29.34	2.74
030 San Francisco Co	002	101	5060	10.	10.	10.	39.	39.	78.	98.	137.	274.				
030 San Jose	003	101	8701	10.	10.	10.	10.	39.	98.	137.	274.	823.	41.	55.44	22.57	2.78
030 San Leandro	001	101	7061	10.	10.	10.	39.	59.	98.	118.	196.	372.				
030 San Rafael	001	101	8125	10.	10.	10.	10.	39.	59.	78.	137.	255.	28.	29.14	18.32	2.35

TECHNICAL REPORT DATA

(Please read Instructions on the reverse before completing)

1. REPORT NO. EPA-450/2-76-017	2.	3. RECIPIENT'S ACCESSION NO.
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16. ABSTRACT

This report is a statistical summary report on ambient air quality. 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.

17. KEY WORDS AND DOCUMENT ANALYSIS

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