



PB86184546

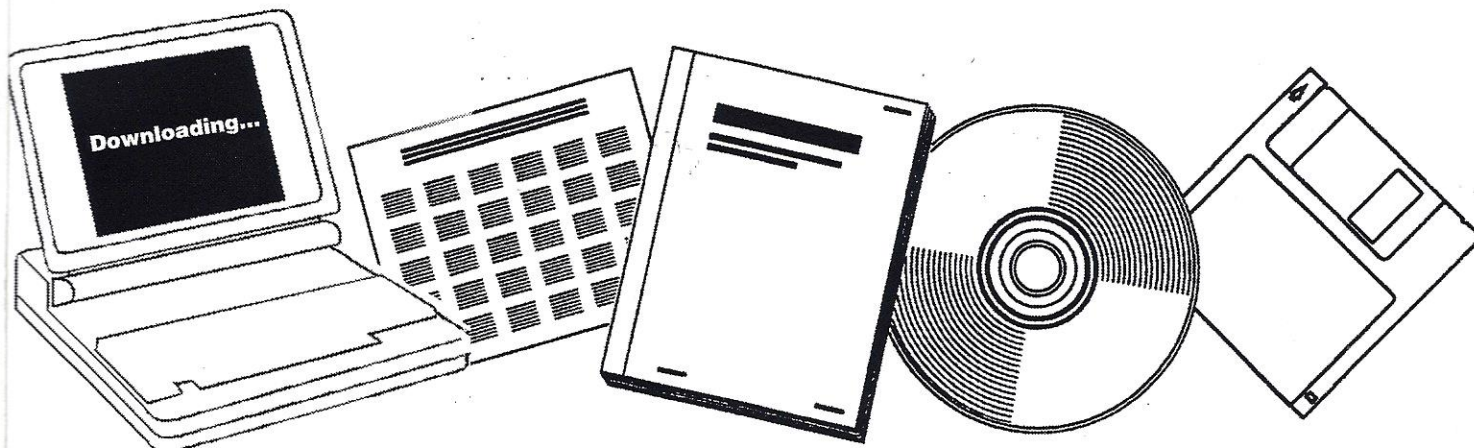
NTIS

One Source. One Search. One Solution.

**INHALABLE PARTICULATE NETWORK REPORT: DATA
SUMMARY (MASS CONCENTRATIONS ONLY). VOLUME
3. JANUARY 1983-DECEMBER 1984**

ENVIRONMENTAL MONITORING SYSTEMS LAB.
RESEARCH TRIANGLE PARK, NC

APR 1986



U.S. Department of Commerce
National Technical Information Service

PB86-184546

EPA/600/4-86/019
April 1986

INHALABLE PARTICULATE NETWORK REPORT:
DATA SUMMARY (MASS CONCENTRATIONS ONLY)

Vol. III

JANUARY 1983 - DECEMBER 1984

by

David O. Hinton, Jose M. Sune,
Jack C. Suggs and William F. Barnard
Environmental Monitoring Systems Laboratory
Research Triangle Park, North Carolina 27711

ENVIRONMENTAL MONITORING SYSTEMS LABORATORY
OFFICE OF RESEARCH AND DEVELOPMENT
U. S. ENVIRONMENTAL PROTECTION AGENCY
RESEARCH TRIANGLE PARK, NORTH CAROLINA 27711

REPRODUCED BY
NATIONAL TECHNICAL
INFORMATION SERVICE
U.S. DEPARTMENT OF COMMERCE
SPRINGFIELD, VA. 22161

TECHNICAL REPORT DATA

(Please read Instructions on the reverse before completing)

1. REPORT NO. EPA/600/4-86/019	2.	3. RECIPIENT'S ACCESSION NO. PB86 184546 /AS
4. TITLE AND SUBTITLE INHALABLE PARTICULATE NETWORK REPORT: Data Summary (Mass Concentrations Only), Volume III January 1983 - December 1984.	5. REPORT DATE April 1986	
	6. PERFORMING ORGANIZATION CODE	
7. AUTHOR(S) David O. Hinton, Jose M. Sune, Jack C. Suggs & William F. Barnard	8. PERFORMING ORGANIZATION REPORT NO.	
9. PERFORMING ORGANIZATION NAME AND ADDRESS Environmental Monitoring Systems Laboratory U. S. Environmental Protection Agency Research Triangle Park, North Carolina 27711	10. PROGRAM ELEMENT NO.	
	11. CONTRACT/GRANT NO.	
12. SPONSORING AGENCY NAME AND ADDRESS Environmental Monitoring Systems Laboratory U. S. Environmental Protection Agency Research Triangle Park, North Carolina 27711	13. TYPE OF REPORT AND PERIOD COVERED Project Report (1983-1984)	
	14. SPONSORING AGENCY CODE EPA/600/08	

15. SUPPLEMENTARY NOTES

16. ABSTRACT

This report is the third in a series of Inhalable Particulate (IP) Network reports covering 157 sites within the United States. PM₁₀ (10 μ micron) size particulate mass data and data summaries for 88 active sampling sites are emphasized. Field operations and Quality Assurance procedures are referenced to preceding reports. Results of field operations and quality control audits are given.

17. KEY WORDS AND DOCUMENT ANALYSIS

a. DESCRIPTORS	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
Inhalable Particulate Network PM ₁₀ , PM ₁₅ Particulate Data Particulate Monitoring		

18. DISTRIBUTION STATEMENT RELEASE TO PUBLIC	19. SECURITY CLASS (This Report) UNCLASSIFIED	21. NO. OF PAGES 227
	20. SECURITY CLASS (This page) UNCLASSIFIED	22. PRICE

APPENDIX C

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=010380023A07 NAME=NORTH BIRMINGHAM (S 20TH) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	115	84.1479	40.3835	25.5700	270.400	830106	841226
SSI	55	61.0687	27.7594	17.5300	129.100	830106	831226
DICHOT15	48	55.4125	25.0044	15.1300	114.600	830112	831226
FINE15	48	27.8929	14.8481	6.7500	70.300	830112	831226
COARSE15	48	27.5194	13.4270	6.8000	55.700	830112	831226
RATIO15	47	0.6735	0.1007	0.5229	0.966	.	.
DICHOT10	107	45.1094	22.1624	11.3200	136.900	830112	841226
FINE10	107	25.5264	12.0923	6.9300	64.300	830112	841226
COARSE10	107	19.5830	12.1976	4.0000	74.300	830112	841226
RATIO10	103	0.5423	0.0768	0.4025	0.875	.	.

----- SITE=010380023A57 NAME=NORTH BIRMINGHAM (COL) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	53	54.0351	24.0327	12.97	108.60	830112	831220
FINE15	53	28.9377	15.1695	6.70	69.72	830112	831220
COARSE15	53	25.0974	13.5414	6.27	55.69	830112	831220
RATIO15	0	.	.	.	.	.	.
DICHOT10	53	43.9151	23.3393	13.92	133.90	840119	841226
FINE10	53	23.1008	10.1369	9.64	61.60	840119	841226
COARSE10	53	20.8143	14.6485	4.28	72.30	840119	841226
RATIO10	0	.	.	.	.	.	.

----- SITE=012380029A07 NAME=MOBILE (WKRG STA TOWER) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	12	59.3700	18.0881	27.66	88.91	830106	830331
FINE15	12	30.4883	10.4877	18.62	46.95	830106	830331
COARSE15	12	28.8817	15.1043	9.04	66.84	830106	830331
RATIO15	0	.	.	.	.	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=013200001A07 NAME=TARRANT (PINSON ST) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	104	127.445	63.8595	20.9200	413.000	830106	841225
SSI	0	.	.	.	.	.	.
DICHOT15	0	.	.	.	.	.	.
FINE15	0	.	.	.	.	.	.
COARSE15	0	.	.	.	.	.	.
RATIO15	0	.	.	.	.	.	.
DICHOT10	106	51.653	24.6046	11.6200	140.200	830106	841202
FINE10	106	26.194	11.7152	6.5800	69.300	830106	841202
COARSE10	106	25.460	16.8467	4.2600	109.900	830106	841202
RATIO10	94	0.414	0.0828	0.2769	0.698	.	.

----- SITE=020040003A07 NAME=ANCHORAGE -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	16	68.9662	36.0572	18.9000	168.60	830623	831225
SSI	0	.	.	.	.	.	.
DICHOT15	33	40.5709	25.7009	10.6700	99.96	830106	831225
FINE15	33	8.4700	4.3896	4.0700	23.42	830106	831225
COARSE15	33	32.1015	25.9098	3.6500	90.93	830106	831225
RATIO15	7	0.5855	0.1517	0.2809	0.72	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=030600002A07 NAME=PHOENIX (ROOSEVELT ST) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	74	96.7915	39.1001	30.4000	240.000	830106	840822
SSI	44	66.3364	28.3626	23.4600	126.200	830112	831225
DICHOT15	34	51.3118	23.2144	10.8700	126.800	830130	830921
FINE15	34	12.6265	6.1222	3.5900	32.640	830130	830921
COARSE15	34	38.6859	19.6158	7.0100	108.000	830130	830921
RATIO15	28	0.5970	0.0946	0.3271	0.852	.	.
DICHOT10	61	45.2236	19.5282	8.4880	94.910	830130	840822
FINE10	61	16.4160	10.1413	4.0100	49.400	830130	840822
COARSE10	61	28.8078	12.9191	4.3840	64.440	830130	840822
RATIO10	46	0.4451	0.0859	0.2554	0.702	.	.

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=041440001A07 NAME=LITTLE ROCK -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	55	71.3080	30.5074	22.4400	178.500	830106	831220
SSI	0	.	.	.	.	.	.
DICHOT15	54	40.8141	17.1245	10.2100	80.170	830106	831226
FINE15	54	21.7131	10.8802	6.2500	51.290	830106	831226
COARSE15	54	19.1009	10.2303	2.4200	48.800	830106	831226
RATIO15	51	0.5782	0.1422	0.3039	1.102	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=050500002A07 NAME=AZUSA (LOREN AVE) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	47	96.5634	37.4230	22.9800	184.100	831214	841226
SSI	0	.	.	.	.	.	.
DICHOT15	0	.	.	.	.	.	.
FINE15	0	.	.	.	.	.	.
COARSE15	0	.	.	.	.	.	.
RATIO15	0	.	.	.	.	.	.
DICHOT10	34	55.3635	22.5689	7.8680	104.100	831120	840723
FINE10	34	27.6921	13.4661	4.7930	62.600	831120	840723
COARSE10	34	27.6713	12.8294	3.0750	52.200	831120	840723
RATIO10	31	0.5573	0.0969	0.3424	0.903	.	.

----- SITE=050520004A07 NAME=BAKERSFIELD (CHESTER AVE) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	70	102.313	42.6961	27.1200	240.500	830118	841220
SSI	0	.	.	.	.	.	.
DICHOT15	3	45.737	33.7700	22.4700	84.470	830118	830130
FINE15	3	31.920	30.1781	10.4800	66.430	830118	830130
COARSE15	3	13.813	3.6719	11.4100	18.040	830118	830130
RATIO15	3	0.464	0.0813	0.3867	0.549	.	.
DICHOT10	76	50.504	22.8319	12.5800	119.100	830205	841220
FINE10	76	22.342	13.3678	6.1600	70.500	830205	841220
COARSE10	76	28.162	17.5984	0.5000	85.500	830205	841220
RATIO10	56	0.517	0.1477	0.1513	0.976	.	.

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=051260002A07 NAME=CHICO -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	54	46.8480	19.8623	14.2900	125.800	830106	831228
SSI	0	.	.	.	.	.	.
DICHOT15	50	32.9303	15.5736	3.7360	66.110	830124	831228
FINE15	50	18.1828	10.7934	1.8590	60.760	830124	831228
COARSE15	50	14.7475	10.0017	1.8770	36.550	830124	831228
RATIO15	45	0.7286	0.2359	0.1734	1.128	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=052220003A07 NAME=SAN DIEGO (EL CAJON) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	27	49.4615	17.3622	16.8400	82.0200	830112	830804
SSI	0	.	.	.	.	.	.
DICHOT15	29	36.5538	16.4634	14.2900	89.8000	830106	830804
FINE15	29	16.7472	11.9922	3.3800	66.7800	830106	830804
COARSE15	29	19.8066	7.9083	5.5300	36.9200	830106	830804
RATIO15	24	0.7191	0.0928	0.5784	0.8702	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=052800005A07 NAME=FRESNO (E OLIVE) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	26	97.9419	32.3918	33.9600	170.900	830705	831228
SSI	0	.	.	.	.	.	.
DICHOT15	0	.	.	.	.	.	.
FINE15	0	.	.	.	.	.	.
COARSE15	0	.	.	.	.	.	.
RATIO15	0	.	.	.	.	.	.
DICHOT10	25	32.4931	15.8949	8.2440	68.700	830205	831009
FINE10	25	14.1034	9.3826	3.8780	34.760	830205	831009
COARSE10	25	18.3897	11.7628	3.6060	46.050	830205	831009
RATIO10	7	0.4933	0.1576	0.3909	0.834	.	.

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=054080002A07 NAME=LOMPOC -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	4	50.1725	8.38723	42.0600	61.6600	830106	830130
SSI	0	.	.	.	.	.	.
DICHOT15	8	26.9212	8.22074	18.0500	38.2000	830106	830301
FINE15	8	10.5862	4.06157	6.3300	18.3700	830106	830301
COARSE15	8	16.3350	6.25284	4.9700	25.0600	830106	830301
RATIO15	3	0.5583	0.05844	0.5031	0.6195	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=056535001A07 NAME=RUBIDOUX (MISSION BLVD) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	109	120.198	58.3350	17.2600	249.400	830106	841226
SSI	24	82.909	63.6613	11.8200	222.000	830106	830605
DICHOT15	15	62.667	51.8031	16.3300	206.800	830106	830605
FINE15	15	30.791	33.8637	5.9700	134.400	830106	830605
COARSE15	15	31.877	22.0673	10.0100	73.100	830106	830605
RATIO15	15	0.739	0.1590	0.5509	1.161	.	.
DICHOT10	92	74.840	38.0271	7.4750	176.200	830106	841226
FINE10	92	38.218	24.1267	2.7500	125.200	830106	841226
COARSE10	92	36.622	18.5006	2.4800	88.600	830106	841226
RATIO10	90	0.633	0.1220	0.3231	0.946	.	.

----- SITE=060080003A07 NAME=DENVER (BUCKLEY FIELD) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	43	36.8781	20.3907	11.5500	120.400	830106	831214
SSI	0	.	.	.	.	.	.
DICHOT15	45	21.4962	13.0984	3.8300	74.140	830112	831120
FINE15	45	7.6180	7.7601	1.5690	53.780	830112	831120
COARSE15	45	13.8782	9.0429	1.3910	32.400	830112	831120
RATIO15	37	0.5977	0.1082	0.3736	0.906	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=060580001A07 NAME=DENVER (14TH STREET) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	63	100.918	63.7374	37.5800	436.000	830106	841120
SSI	0	.	.	.	.	.	.
DICHOT15	1	53.910	.	53.9100	53.910	830325	830325
FINE15	1	38.320	.	38.3200	38.320	830325	830325
COARSE15	1	15.590	.	15.5900	15.590	830325	830325
RATIO15	1	0.744	.	0.7443	0.744	.	.
DICHOT10	67	36.369	20.7251	4.7740	132.700	830406	841208
FINE10	67	13.908	6.5709	2.6520	36.200	830406	841208
COARSE10	67	22.462	15.7041	1.6900	96.500	830406	841208
RATIO10	32	0.435	0.0815	0.3085	0.632	.	.

----- SITE=061820001A07 NAME=PUEBLO (CENTRAL MAIN ST) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	38	67.3679	25.6581	13.7300	137.400	830130	831114
SSI	0	.	.	.	.	.	.
DICHOT15	1	23.4000	.	23.4000	23.400	830106	830106
FINE15	1	6.2100	.	6.2100	6.210	830106	830106
COARSE15	1	17.1900	.	17.1900	17.190	830106	830106
RATIO15	0	.	.	.	.	.	.
DICHOT10	42	29.3558	13.0145	6.4910	71.360	830124	831126
FINE10	42	10.2155	4.6911	3.1120	22.210	830124	831126
COARSE10	42	19.1402	9.6226	2.7740	50.860	830124	831126
RATIO10	35	0.4453	0.0855	0.3253	0.754	.	.

----- SITE=062220101A07 NAME=FORT COLLINS -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	27	22.5594	17.9052	5.90800	91.3600	830106	831226
SSI	0	.	.	.	.	.	.
DICHOT15	29	18.9210	14.2779	7.35000	68.3900	830130	831220
FINE15	29	9.2562	9.8910	2.04800	54.1600	830130	831220
COARSE15	29	9.6651	8.3529	1.83000	40.1000	830130	831220
RATIO15	8	0.8113	0.3690	0.10763	1.2441	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=130220003A07 NAME=BOISE (FIRE STATION #6) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	30	69.4597	39.7880	30.0500	186.300	830106	831208
SSI	0	.	.	.	.	.	.
DICHOT15	0	.	.	.	.	.	.
FINE15	0	.	.	.	.	.	.
COARSE15	0	.	.	.	.	.	.
RATIO15	0	.	.	.	.	.	.
DICHOT10	39	26.9719	15.5125	8.8140	90.490	830106	831120
FINE10	39	13.5409	12.5619	2.6870	61.100	830106	831120
COARSE10	39	13.4310	7.7374	3.8600	33.580	830106	831120
RATIO10	23	0.4426	0.1060	0.2599	0.705	.	.

----- SITE=141220022A07 NAME=CHICAGO (WASHINGTON HS) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	80	102.897	50.0732	39.3800	303.100	830118	840921
SSI	0	.	.	.	.	.	.
DICHOT15	23	61.502	33.9760	22.9900	162.300	830106	830530
FINE15	23	28.493	15.6535	5.9900	79.300	830106	830530
COARSE15	23	33.009	25.3632	7.5500	114.300	830106	830530
RATIO15	21	0.663	0.1015	0.4601	0.866	.	.
DICHOT10	54	54.884	28.3659	13.2500	118.800	830605	840921
FINE10	54	27.434	14.7654	4.0700	66.700	830605	840921
COARSE10	54	27.449	17.4040	6.1200	78.400	830605	840921
RATIO10	52	0.495	0.1282	0.2100	0.772	.	.

----- SITE=142360010A07 NAME=CHICAGO (EVANSTON) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	42	62.5750	79.9463	5.82000	532.300	830106	831226
SSI	0	.	.	.	.	.	.
DICHOT15	13	24.8294	17.0326	7.43900	59.490	830530	831202
FINE15	13	23.8357	16.8657	6.90200	58.400	830530	831202
COARSE15	13	0.9937	0.8717	0.09000	3.090	830530	831202
RATIO15	9	0.5359	0.0781	0.38227	0.648	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=151520016A07 NAME=GARY (FEDERAL BLDG) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	77	89.9821	52.3667	17.4700	286.900	830217	841114
SSI	0	.	.	.	.	.	.
DICHOT15	1	71.8300	.	71.8300	71.830	830424	830424
FINE15	1	26.0100	.	26.0100	26.010	830424	830424
COARSE15	1	45.8200	.	45.8200	45.820	830424	830424
RATIO15	1	0.4985	.	0.4985	0.498	.	.
DICHOT10	44	47.4584	19.3964	14.8300	90.520	830530	840810
FINE10	44	30.4445	14.1596	9.1600	66.830	830530	840810
COARSE10	44	17.0139	10.3324	0.4200	46.570	830530	840810
RATIO10	36	0.5637	0.1507	0.3433	0.954	.	.

----- SITE=171800011A07 NAME=KANSAS CITY KS (FAIRFAX) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	85	80.2707	38.2298	11.1000	191.50	830524	841226
SSI	0	.	.	.	.	.	.
DICHOT15	0	.	.	.	.	.	.
FINE15	0	.	.	.	.	.	.
COARSE15	0	.	.	.	.	.	.
RATIO15	0	.	.	.	.	.	.
DICHOT10	106	40.3220	22.0210	4.3440	100.40	830124	841226
FINE10	106	18.7037	10.1662	0.4770	61.43	830124	841226
COARSE10	106	21.6184	17.2104	2.3100	85.20	830124	841226
RATIO10	77	0.5252	0.1175	0.2949	0.88	.	.

----- SITE=173560007A07 NAME=TOPEKA (QUINCY SCHOOL) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	16	27.3270	16.0133	7.682	74.41	830112	830424
FINE15	16	12.4373	7.4888	2.407	35.59	830112	830424
COARSE15	16	14.8903	12.4812	2.100	54.43	830112	830424
RATIO15	0	.	.	.	.	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=173740012A07 NAME=WICHITA (SEDGWICK AVE) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	22	38.2927	19.8849	14.66	93.25	830106	830828
FINE15	22	18.0855	11.9700	3.73	51.10	830106	830828
COARSE15	22	20.2064	11.8527	3.78	45.56	830106	830828
RATIO15	0	.	.	.	.	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=183090001A07 NAME=LOUISVILLE (OKOLONA) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	41	79.3756	37.4235	24.3000	179.900	830112	831226
SSI	0	.	.	.	.	.	.
DICHOT15	1	25.4200	.	25.4200	25.420	830112	830112
FINE15	1	11.5100	.	11.5100	11.510	830112	830112
COARSE15	1	13.9100	.	13.9100	13.910	830112	830112
RATIO15	1	0.4455	.	0.4455	0.445	.	.
DICHOT10	50	35.5450	18.9590	8.4190	89.210	830124	831226
FINE10	50	22.7656	12.7647	3.8580	67.140	830124	831226
COARSE10	50	12.7794	8.1181	3.7300	38.800	830124	831226
RATIO10	36	0.4897	0.1348	0.2802	0.873	.	.

----- SITE=210120009A07 NAME=BALTIMORE (SW POLICE STA) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	10	57.1820	25.5884	33.3300	101.80	830112	830311
SSI	0	.	.	.	.	.	.
DICHOT15	10	35.9470	20.0757	13.7100	74.43	830106	830331
FINE15	10	23.8330	17.9680	7.5100	65.13	830106	830331
COARSE15	10	12.1140	6.1675	3.8500	23.62	830106	830331
RATIO15	7	0.5203	0.1657	0.3551	0.76	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=211380007A07 NAME=ROCKVILLE (MARYVALE SCH) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	55	51.3938	19.2838	19.3100	99.5000	830112	831226
SSI	0	.	.	.	.	.	.
DICHOT15	53	31.5393	15.7383	7.3880	72.2200	830106	831220
FINE15	53	20.9196	12.6319	4.3850	60.3700	830106	831220
COARSE15	53	10.6195	6.4751	1.7140	41.0900	830106	831220
RATIO15	49	0.5728	0.1391	0.1659	0.8241	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=220240012A07 NAME=BOSTON (FIRE HQ) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	34	75.5103	26.5259	31.8000	141.300	830112	831220
SSI	0	.	.	.	.	.	.
DICHOT15	4	26.5625	7.4969	20.1400	37.060	830112	830130
FINE15	4	19.5075	4.8398	15.1900	25.050	830112	830130
COARSE15	4	7.0550	3.4319	4.5600	12.010	830112	830130
RATIO15	4	0.4814	0.0942	0.3730	0.564	.	.
DICHOT10	34	25.9839	10.8567	8.7960	53.050	830412	831208
FINE10	34	16.5881	7.6216	5.0400	39.130	830412	831208
COARSE10	34	9.3958	4.8851	2.4300	25.540	830412	831208
RATIO10	22	0.3384	0.0890	0.1692	0.551	.	.

----- SITE=231180015A07 NAME=DETROIT (SOUTHWEST HS) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	11	86.98	25.5214	39.39	127.30	830313	830611
SSI	0	.	.	.	.	.	.
DICHOT15	0	.	.	.	.	.	.
FINE15	0	.	.	.	.	.	.
COARSE15	0	.	.	.	.	.	.
RATIO15	0	.	.	.	.	.	.
DICHOT10	2	34.18	19.5727	20.34	48.02	830617	830705
FINE10	2	12.08	5.1619	8.43	15.73	830617	830705
COARSE10	2	22.10	14.4108	11.91	32.29	830617	830705
RATIO10	0	.	.	.	.	.	.

1

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=242260051A07 NAME=MINNEAPOLIS (NICOLLET) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	41	32.4586	15.2723	8.341	73.86	830106	831108
FINE15	41	15.0581	7.0630	3.941	30.43	830106	831108
COARSE15	41	17.4005	11.7486	2.770	53.67	830106	831108
RATIO15	0	.	.	.	.	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=243300003A07 NAME=ST PAUL (FIRE STA) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	47	57.8826	23.1755	18.070	114.000	830106	831208
SSI	0	.	.	.	.	.	.
DICHOT15	46	36.8162	19.2183	7.209	77.950	830217	831208
FINE15	46	16.6303	9.8706	3.679	47.940	830217	831208
COARSE15	46	20.1859	14.6571	2.050	53.560	830217	831208
RATIO15	39	0.6067	0.1346	0.342	0.915	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=260030001A07 NAME=ST LOUIS (AFTON) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	16	24.4656	10.0377	10.57	40.38	830106	830424
FINE15	16	18.5044	9.7924	6.60	40.11	830106	830424
COARSE15	16	5.9612	4.5905	0.27	17.96	830106	830424
RATIO15	0	.	.	.	.	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=262380002A07 NAME=KANSAS CITY MO (FIRE STA) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	45	50.6224	30.9356	11.67	127.00	830106	83112
FINE15	45	20.0840	13.1078	4.53	56.07	830106	83112
COARSE15	45	30.5380	22.1347	4.26	84.80	830106	83112
RATIO15	0	.	.	.	.	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=264280007A07 NAME=ST LOUIS (S BROADWAY) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	50	68.5368	32.3953	22.0600	172.700	830804	841120
SSI	0	.	.	.	.	.	.
DICHOT15	0	.	.	.	.	.	.
FINE15	0	.	.	.	.	.	.
COARSE15	0	.	.	.	.	.	.
RATIO15	0	.	.	.	.	.	.
DICHOT10	42	37.3493	16.8747	12.5200	101.400	830804	841120
FINE10	42	21.4983	10.9274	6.2800	69.400	830804	841120
COARSE10	42	15.8510	8.2880	5.2900	37.300	830804	841120
RATIO10	40	0.5337	0.1070	0.3439	0.796	.	.

----- SITE=270160005A07 NAME=BUTTE (GREELY SCHOOL) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	42	30.2827	19.7567	5.925	82.57	830325	831214
FINE15	42	18.2285	17.8415	2.006	74.59	830325	831214
COARSE15	42	12.0543	7.9367	3.355	32.25	830325	831214
RATIO15	0	.	.	.	.	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=271100020A07 NAME=MISSOULA (ROSELAWN PK) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	50	34.8023	19.8702	6.901	100.40	830106	831226
FINE15	50	17.7728	15.2663	2.085	64.24	830106	831226
COARSE15	50	17.0295	10.3315	3.181	60.83	830106	831226
RATIO15	0	.	.	.	.	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=281880028A07 NAME=OMAHA (O STREET) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	12	52.1800	19.9007	29.8900	85.4600	830106	830319
SSI	0	.	.	.	.	.	.
DICHOT15	0	.	.	.	.	.	.
FINE15	0	.	.	.	.	.	.
COARSE15	0	.	.	.	.	.	.
RATIO15	0	.	.	.	.	.	.
DICHOT10	11	30.1245	14.1760	12.1000	57.7100	830106	830319
FINE10	11	16.4682	10.6388	6.3700	42.2400	830106	830319
COARSE10	11	13.6564	7.9013	5.1800	31.8800	830106	830319
RATIO10	10	0.5104	0.1375	0.4048	0.8757	.	.

----- SITE=290480001A07 NAME=RENO (KIRMAN ST) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	54	73.1674	62.4849	17.1500	344.300	830106	831226
SSI	0	.	.	.	.	.	.
DICHOT15	0	.	.	.	.	.	.
FINE15	0	.	.	.	.	.	.
COARSE15	0	.	.	.	.	.	.
RATIO15	0	.	.	.	.	.	.
DICHOT10	45	27.4547	16.4621	2.2150	74.910	830124	831226
FINE10	45	14.1568	11.5965	0.9980	56.610	830124	831226
COARSE10	45	13.2979	8.0523	1.2170	39.010	830124	831226
RATIO10	43	0.4699	0.1517	0.0466	1.056	.	.

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=310720005A07 NAME=CAMDEN -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	5	39.540	20.7279	15.4	66.54	830124	830217
FINE15	5	25.264	17.8507	7.9	53.62	830124	830217
COARSE15	5	14.274	14.6203	5.1	39.86	830124	830217
RATIO15	0	.	.	.	.	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=312320005A07 NAME=JERSEY CITY (BAY STREET) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	23	35.7496	16.4799	17.69	78.17	830112	830729
FINE15	23	20.0413	11.7963	7.24	54.36	830112	830729
COARSE15	23	15.7078	9.1782	6.76	41.54	830112	830729
RATIO15	0	.	.	.	.	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=320040001A07 NAME=ALBUQUERQUE (YMCA) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	41	71.5388	32.8601	31.5200	222.700	830331	831226
SSI	0	.	.	.	.	.	.
DICHOT15	9	43.6658	21.7216	9.3120	71.730	830112	830301
FINE15	9	22.1852	10.9613	6.3870	39.070	830112	830301
COARSE15	9	21.4806	13.2956	2.9250	40.780	830112	830301
RATIO15	0	.	.	.	.	.	.
DICHOT10	47	27.4166	13.9433	8.3150	86.290	830307	831226
FINE10	47	10.8504	6.0193	4.3400	32.780	830307	831226
COARSE10	47	16.5662	12.1476	2.4800	72.920	830307	831226
RATIO10	40	0.4009	0.0953	0.2133	0.607	.	.

15

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=320090001A07 NAME=BAYARD (COBRE SCHOOL) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	103	93.1823	38.8399	22.7100	208.300	830106	841226
SSI	0	.	.	.	.	.	.
DICHOT15	2	60.9750	65.9377	14.3500	107.600	830106	840101
FINE15	2	16.6150	5.6356	12.6300	20.600	830106	840101
COARSE15	2	44.3600	60.3021	1.7200	87.000	830106	840101
RATIO15	2	0.4473	0.3056	0.2313	0.663	.	.
DICHOT10	107	31.5268	14.4606	4.4280	102.200	830112	841220
FINE10	107	21.7576	8.5476	3.3040	51.070	830112	841220
COARSE10	107	9.7692	12.0297	0.5560	87.200	830112	841220
RATIO10	90	0.3468	0.1064	0.1621	0.850	.	.

----- SITE=330660010A07 NAME=BUFFALO (PS #28) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	95	51.1664	24.6586	13.5500	164.200	830106	841220
SSI	36	39.8808	15.6554	11.3900	74.700	830106	831226
DICHOT15	36	23.0698	11.2898	5.7940	54.970	830106	831226
FINE15	36	19.0858	9.7391	5.5340	47.410	830106	831226
COARSE15	36	3.9841	4.1028	0.2600	16.710	830106	831226
RATIO15	29	0.5037	0.2007	0.2569	1.125	.	.
DICHOT10	96	29.7280	16.6591	8.0520	89.740	830106	841214
FINE10	96	20.1637	12.4482	3.9880	73.130	830106	841214
COARSE10	96	9.5643	7.1316	1.2590	48.190	830106	841214
RATIO10	82	0.5699	0.1544	0.2029	1.115	.	.

----- SITE=330660010A57 NAME=BUFFALO(PS #28 COL) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	45	34.3321	19.4857	8.672	94.72	830106	831214
FINE15	45	20.3547	11.9937	4.270	51.82	830106	831214
COARSE15	45	13.9774	10.4998	0.750	50.88	830106	831214
RATIO15	0	.	.	.	.	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=333520001A07 NAME=BUFFALO(WILMUTH PUMP STA) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	60	49.0708	22.7443	13.570	124.900	830130	841226
SSI	0	.	.	.	.	.	.
DICHOT15	0	.	.	.	.	.	.
FINE15	0	.	.	.	.	.	.
COARSE15	0	.	.	.	.	.	.
RATIO15	0	.	.	.	.	.	.
DICHOT10	105	30.5676	16.5642	6.267	94.930	830106	841214
FINE10	105	20.5292	12.2516	4.033	79.500	830106	841214
COARSE10	105	10.0384	7.8196	1.369	52.580	830106	841214
RATIO10	53	0.5909	0.1592	0.251	1.064	.	.

----- SITE=333520001A57 NAME=WILMUTH PUMP STATION COL -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	0	.	.	.	.	.	.
FINE15	0	.	.	.	.	.	.
COARSE15	0	.	.	.	.	.	.
RATIO15	0	.	.	.	.	.	.
DICHOT10	100	29.7658	14.7776	1.500	72.05	830106	841108
FINE10	100	19.0256	10.1974	1.159	51.89	830106	841108
COARSE10	100	10.7407	7.0046	0.341	31.98	830106	841108
RATIO10	0	.	.	.	.	.	.

----- SITE=334680079A07 NAME=NY CITY (INT SCH #45) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	34	73.9988	26.8864	29.3800	139.100	830106	830804
SSI	0	.	.	.	.	.	.
DICHOT15	28	44.0621	19.5575	13.4600	93.730	830112	830804
FINE15	28	28.5643	14.8871	7.3500	72.360	830112	830804
COARSE15	28	15.4979	10.1755	1.2100	48.620	830112	830804
RATIO15	27	0.5614	0.1175	0.4281	1.012	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

1719

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=341160006A07 NAME=DURHAM (CAMEO BLDG) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	13	53.3000	17.9051	29.5700	84.0800	830106	830319
SSI	8	40.3675	15.8842	26.4000	71.9000	830106	830319
DICHOT15	12	25.9092	12.0262	10.8200	50.4200	830112	830319
FINE15	12	16.7417	9.1128	8.1500	36.3100	830112	830319
COARSE15	12	9.1675	6.0513	2.6700	24.8200	830112	830319
RATIO15	12	0.4927	0.0992	0.3506	0.6027	.	.
DICHOT10	12	22.9100	11.0037	10.1700	45.6000	830112	830319
FINE10	12	17.4583	9.7176	8.2100	37.8000	830112	830319
COARSE10	12	5.4517	2.1109	1.9600	8.3700	830112	830319
RATIO10	12	0.4379	0.0983	0.3070	0.6121	.	.

----- SITE=341160006A57 NAME=DURHAM(CAMEO BLDG COL) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	11	26.2045	12.2325	10.820	50.95	830112	830319
FINE15	11	17.2555	9.7164	7.690	35.91	830112	830319
COARSE15	11	8.9491	4.2728	3.130	16.00	830112	830319
RATIO15	0	.	.	.	.	.	.
DICHOT10	12	22.9407	11.7932	8.958	45.58	830106	830319
FINE10	12	16.8627	9.9900	7.052	36.00	830106	830319
COARSE10	12	6.0780	2.4480	1.906	9.58	830106	830319
RATIO10	0	.	.	.	.	.	.

----- SITE=341160101A07 NAME=RES TRIANGLE PK (BEAUNIT) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	25	43.8584	14.5386	26.0500	82.7500	830418	831108
SSI	25	34.2564	12.4899	17.6600	71.0500	830418	831108
DICHOT15	17	28.5776	9.9571	11.7100	46.2500	830418	831108
FINE15	17	19.1712	7.1648	4.1600	33.5200	830418	831108
COARSE15	17	9.4065	4.4493	3.8200	17.7100	830418	831108
RATIO15	15	0.7075	0.1522	0.4080	0.9423	.	.
DICHOT10	23	29.3385	12.3716	5.8660	65.9700	830418	831108
FINE10	23	20.4571	8.8241	4.1840	47.8600	830418	831108
COARSE10	23	8.8814	4.6026	1.6820	18.2900	830418	831108
RATIO10	22	0.6815	0.1709	0.2252	0.9607	.	.

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=341160101A57 NAME=RES TRI PK(BEAUNIT COL) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	20	32.738	11.4607	14.05	64.07	830418	831100
FINE15	20	20.334	6.8778	10.31	36.82	830418	831100
COARSE15	20	12.404	5.7587	3.74	27.25	830418	831100
RATIO15	0	.	.	.	.	.	.
DICHOT10	16	28.965	12.6179	13.40	57.86	830418	831100
FINE10	16	17.785	8.6156	3.77	39.95	830418	831100
COARSE10	16	11.180	9.3915	2.63	41.25	830418	831100
RATIO10	0	.	.	.	.	.	.

----- SITE=361220020A07 NAME=CINCINNATI (DRAKE MEM) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	42	55.0857	24.0024	16.1700	102.60	830217	831100
SSI	0	.	.	.	.	.	.
DICHOT15	0	.	.	.	.	.	.
FINE15	0	.	.	.	.	.	.
COARSE15	0	.	.	.	.	.	.
RATIO15	0	.	.	.	.	.	.
DICHOT10	50	33.1358	17.6628	8.7420	76.43	830112	831100
FINE10	50	22.0690	12.8727	5.4980	55.90	830112	831100
COARSE10	50	11.0669	6.3216	2.5600	31.80	830112	831100
RATIO10	35	0.6342	0.1567	0.2172	0.87	.	.

----- SITE=361300013A07 NAME=CLEVELAND (APCD HQ) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	98	132.902	57.7573	45.5400	347.000	830106	841226
SSI	0	.	.	.	.	.	.
DICHOT15	0	.	.	.	.	.	.
FINE15	0	.	.	.	.	.	.
COARSE15	0	.	.	.	.	.	.
RATIO15	0	.	.	.	.	.	.
DICHOT10	91	51.664	27.9828	4.9240	127.200	830106	841226
FINE10	91	25.807	14.4433	3.8780	68.300	830106	841226
COARSE10	91	25.857	17.4550	1.0460	90.600	830106	841226
RATIO10	77	0.374	0.1203	0.1051	0.976	.	.

19

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=361300041A07 NAME=CLEVELAND (WASHINGTON PK) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	18	35.7367	16.7663	19.89	88.86	830112	830430
FINE15	18	22.2067	14.5988	10.91	76.22	830112	830430
COARSE15	18	13.5300	9.8665	2.06	31.07	830112	830430
RATIO15	0	.	.	.	.	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=361660014A07 NAME=DAYTON (E MONUMENT) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	12	28.8000	13.9483	13.03	66.53	830106	830331
FINE15	12	18.3483	8.7485	10.27	41.24	830106	830331
COARSE15	12	10.4517	6.1092	2.76	25.29	830106	830331
RATIO15	0	.	.	.	.	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=364340005A07 NAME=MIDDLETOWN(BRENTWOOD) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	5	66.7380	34.0037	35.6400	124.100	830106	830130
SSI	0	.	.	.	.	.	.
DICHOT15	26	49.7804	21.4735	15.2400	89.730	830106	830623
FINE15	26	23.7227	11.4347	8.2500	51.200	830106	830623
COARSE15	26	26.0573	15.4452	3.5900	63.840	830106	830623
RATIO15	5	0.6404	0.2433	0.4501	1.054	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=366420012A07 NAME=STEUBENVILLE (WASHINGTON) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	50	83.9384	37.1308	32.0700	180.900	830112	831226
SSI	54	63.8311	34.1979	19.2500	179.500	830112	831220
DICHOT15	53	44.9787	26.4225	9.2800	125.600	830112	831226
FINE15	53	27.2473	18.5917	5.7990	94.600	830112	831226
COARSE15	53	17.7313	10.3444	0.4300	39.600	830112	831226
RATIO15	46	0.5049	0.1387	0.2211	0.872	.	.
DICHOT10	38	46.6303	27.7814	8.2230	123.500	830118	831226
FINE10	38	30.9959	21.0138	4.5400	100.800	830118	831226
COARSE10	38	15.6342	8.7941	2.7780	33.650	830118	831226
RATIO10	32	0.4908	0.1491	0.1292	0.878	.	.

----- SITE=366420012A57 NAME=STEUBENVILLE (WSNGTN) COL -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	54	46.6880	25.4908	10.50	121.60	830112	831226
FINE15	54	28.0676	18.0343	6.85	87.40	830112	831226
COARSE15	54	18.6207	10.2140	3.65	44.85	830112	831226
RATIO15	0	.	.	.	.	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=367760002A07 NAME=YOUNGSTOWN (FIRE STA) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	113	69.5530	28.2935	27.3200	196.000	830106	841226
SSI	0	.	.	.	.	.	.
DICHOT15	0	.	.	.	.	.	.
FINE15	0	.	.	.	.	.	.
COARSE15	0	.	.	.	.	.	.
RATIO15	0	.	.	.	.	.	.
DICHOT10	113	38.3228	18.8285	9.5010	106.600	830106	841226
FINE10	113	23.1902	11.7488	6.6100	57.200	830106	841226
COARSE10	113	15.1326	9.2776	2.0130	56.700	830106	841226
RATIO10	107	0.5328	0.1020	0.3346	0.782	.	.

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=372200035A07 NAME=OKLAHOMA CITY (FIRE STA) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	3	71.8000	25.9537	54.1500	101.600	830424	830506
SSI	0	.	.	.	.	.	.
DICHOT15	7	36.8214	19.0888	11.3800	72.340	830331	830506
FINE15	7	11.5414	6.4780	5.0700	23.940	830331	830506
COARSE15	7	25.2800	14.5128	6.3100	48.400	830331	830506
RATIO15	3	0.5088	0.0351	0.4787	0.547	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=381460015A07 NAME=PORTLAND (CTRL FIRE STA) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	6	51.0700	17.0175	25.800	75.5600	831120	831226
SSI	0	.	.	.	.	.	.
DICHOT15	0	.	.	.	.	.	.
FINE15	0	.	.	.	.	.	.
COARSE15	0	.	.	.	.	.	.
RATIO15	0	.	.	.	.	.	.
DICHOT10	53	25.8997	13.6041	6.066	62.6400	830106	831226
FINE10	53	15.8474	10.1360	3.637	45.2300	830106	831226
COARSE10	53	10.0524	5.9051	2.100	25.9500	830106	831226
RATIO10	5	0.4792	0.1497	0.319	0.6534	.	.

----- SITE=390100064A07 NAME=PITT (S ALLEGHENY HIGH S) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	17	56.8035	26.0846	23.2200	111.700	830106	830623
SSI	0	.	.	.	.	.	.
DICHOT15	27	40.4437	21.1825	14.3500	100.400	830106	830623
FINE15	27	23.9044	13.6705	9.8000	64.400	830106	830623
COARSE15	27	16.5393	10.4694	3.2200	44.080	830106	830623
RATIO15	16	0.7237	0.1357	0.5351	0.988	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=390100068A07 NAME=PITT(W ALLEGHENY CO HIGH) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	29	45.4355	18.2144	20.1000	88.0000	830118	831126
SSI	0	.	.	.	.	.	.
DICHOT15	22	29.5282	17.8275	9.6800	64.8600	830106	831126
FINE15	22	18.7975	13.1414	4.1650	51.3300	830106	831126
COARSE15	22	10.7307	6.7354	2.4900	26.1800	830106	831126
RATIO15	12	0.6280	0.1652	0.4361	0.8527	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=390400002A07 NAME=PITTSBURGH (AVALON) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	21	77.9543	30.1550	30.1600	158.600	830325	831126
SSI	0	.	.	.	.	.	.
DICHOT15	20	47.8695	27.9547	11.7000	111.400	830106	831126
FINE15	20	27.0165	17.1194	7.8300	55.520	830106	831126
COARSE15	20	20.8530	13.1544	3.0500	56.700	830106	831126
RATIO15	7	0.5271	0.1225	0.3424	0.696	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=390780725A07 NAME=BETHLEHEM -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	4	51.4100	16.0812	31.2400	68.0300	830106	830
SSI	0	.	.	.	.	.	.
DICHOT15	9	37.7733	18.6754	13.1400	61.0100	830106	830
FINE15	9	22.7811	13.8559	6.3100	46.5500	830106	830
COARSE15	9	14.9933	7.7067	6.8300	30.7500	830106	830
RATIO15	3	0.5689	0.1037	0.4517	0.6488	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

23

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=396620001A07 NAME=PITT (NORTH BRADDOCK) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	94	78.1167	39.8399	23.4100	256.100	830424	841226
SSI	29	59.0697	27.2341	17.4000	127.300	830617	831226
DICHOT15	50	53.0640	26.3982	12.4100	120.700	830106	831220
FINE15	50	29.7616	17.2846	8.8500	78.200	830106	831220
COARSE15	50	23.3024	11.7613	2.6300	48.010	830106	831220
RATIO15	31	0.6861	0.1025	0.4239	0.846	.	.
DICHOT10	105	41.7246	25.4890	9.4850	153.700	830118	841226
FINE10	105	26.4411	15.0852	5.4290	84.500	830118	841226
COARSE10	105	15.2835	12.6127	2.0900	87.600	830118	841226
RATIO10	88	0.5472	0.1274	0.2460	1.012	.	.

----- SITE=397140003A07 NAME=PHILA(500 S BROAD STREET) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	42	57.8912	19.7833	24.4800	105.700	830124	831220
SSI	36	44.1028	12.5840	21.6500	74.690	830223	831220
DICHOT15	46	34.0107	14.2827	10.5900	76.600	830124	831220
FINE15	46	22.2191	11.3036	6.3300	55.990	830124	831220
COARSE15	46	11.7915	5.1492	4.2600	25.280	830124	831220
RATIO15	37	0.5794	0.1490	0.3242	1.033	.	.
DICHOT10	49	30.4168	13.8051	9.7030	70.710	830124	831226
FINE10	49	20.9231	10.2893	6.4200	53.940	830124	831226
COARSE10	49	9.4939	7.1087	2.5100	48.640	830124	831226
RATIO10	39	0.5088	0.1439	0.2888	1.084	.	.

----- SITE=397140003A57 NAME=PHILA(500 S BROAD ST COL) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	48	33.5981	13.3201	11.76	69.75	830124	831226
FINE15	48	21.7637	10.7364	7.71	57.35	830124	831226
COARSE15	48	11.8344	5.9328	1.07	32.48	830124	831226
RATIO15	0	.	.	.	.	.	.
DICHOT10	46	28.6343	12.8613	11.00	66.78	830124	831220
FINE10	46	20.5287	10.9116	7.23	53.57	830124	831220
COARSE10	46	8.1057	3.7316	2.59	15.70	830124	831220
RATIO10	0	.	.	.	.	.	.

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=397260021A07 NAME=PITT (HAZELWOOD #2) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	48	75.8931	35.4903	26.9100	175.000	830106	831226
SSI	0	.	.	.	.	.	.
DICHOT15	53	52.3262	24.6335	14.6300	128.700	830106	831214
FINE15	53	33.4326	17.6795	9.0300	91.800	830106	831214
COARSE15	53	18.8938	8.9492	3.9400	41.300	830106	831214
RATIO15	44	0.7043	0.0811	0.5282	0.859	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=410300012A07 NAME=PROVIDENCE(ROCKEFF LIB) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	27	25.1836	12.2368	8.363	52.03	830124	830816
FINE15	27	13.2812	6.8295	3.372	33.23	830124	830816
COARSE15	27	11.9023	8.0662	2.782	36.72	830124	830816
RATIO15	0	.	.	.	.	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=420560003A07 NAME=CHARLESTON SC (FIRE STA) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	31	33.7029	12.9129	13.88	71.73	830124	830822
FINE15	31	18.0445	8.8728	6.20	48.23	830124	830822
COARSE15	31	15.6584	7.1223	2.22	29.79	830124	830822
RATIO15	0	.	.	.	.	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

21

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=440380006A07 NAME=CHATTANOOGA (WDEF STA) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	15	88.5433	22.0881	25.3600	119.600	830430	831214
SSI	0	.	.	.	.	.	.
DICHOT15	12	36.8782	21.5605	0.6789	70.890	830424	831102
FINE15	12	20.9307	10.0768	0.1879	39.040	830424	831102
COARSE15	12	15.9476	13.4046	0.2400	34.000	830424	831102
RATIO15	8	0.4552	0.1996	0.1715	0.688	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=442540006A07 NAME=NASHVILLE (8TH AVENUE) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	4	64.7875	12.0017	56.0100	81.7300	830112	830130
SSI	0	.	.	.	.	.	.
DICHOT15	12	29.6358	10.3655	18.7100	49.0600	830106	830313
FINE15	12	26.3808	9.8409	11.6600	45.3800	830106	830313
COARSE15	12	3.2550	1.8760	1.2600	7.0500	830106	830313
RATIO15	4	0.3594	0.0260	0.3406	0.3961	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=451700002A07 NAME=EL PASO (TILLMAN CTR) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	95	111.346	46.5537	26.2300	261.400	830106	841214
SSI	0	.	.	.	.	.	.
DICHOT15	0	.	.	.	.	.	.
FINE15	0	.	.	.	.	.	.
COARSE15	0	.	.	.	.	.	.
RATIO15	0	.	.	.	.	.	.
DICHOT10	102	59.047	29.7210	10.3700	139.500	830106	841226
FINE10	102	19.186	10.7221	6.4700	58.470	830106	841226
COARSE10	102	39.860	22.0904	3.0400	103.300	830106	841226
RATIO10	84	0.498	0.1071	0.2824	1.061	.	.

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=452560034A07 NAME=HOUSTON (CAMS-1) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	92	84.3922	33.9072	34.9700	236.600	830106	841226
SSI	41	57.3612	20.3817	7.8390	133.200	830112	831226
DICHOT15	33	48.3522	18.9090	1.3630	91.120	830106	831214
FINE15	33	23.4196	13.7242	1.0580	68.590	830106	831214
COARSE15	33	24.9323	10.7987	0.3050	46.340	830106	831214
RATIO15	29	0.5578	0.1736	0.0239	0.841	.	.
DICHOT10	53	39.1602	17.5871	14.0200	84.840	830118	840909
FINE10	53	20.8823	10.3904	6.6500	68.820	830118	840909
COARSE10	53	18.2777	11.4148	1.5900	56.420	830118	840909
RATIO10	47	0.4513	0.1735	0.1713	0.862	.	.

----- SITE=454715001A07 NAME=HOUSTON (SEABROOK) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	28	49.8289	13.6556	24.9400	81.4800	830106	830804
SSI	0	.	.	.	.	.	.
DICHOT15	26	32.0996	10.9210	13.0600	62.9600	830118	830804
FINE15	26	15.0969	5.7165	7.5400	32.5700	830118	830804
COARSE15	26	17.0027	9.7301	4.4300	39.8500	830118	830804
RATIO15	19	0.6620	0.1295	0.4457	0.9362	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=460520001A07 NAME=MAGNA (BROCKBANK JR HS) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	102	53.0691	45.4143	12.1400	345.300	830106	841226
SSI	0	.	.	.	.	.	.
DICHOT15	0	.	.	.	.	.	.
FINE15	0	.	.	.	.	.	.
COARSE15	0	.	.	.	.	.	.
RATIO15	0	.	.	.	.	.	.
DICHOT10	94	24.5824	17.4172	6.3720	88.150	830112	841226
FINE10	94	11.2730	9.0393	2.4200	54.380	830112	841226
COARSE10	94	13.3094	12.1806	1.6410	71.010	830112	841226
RATIO10	91	0.5313	0.1436	0.1812	1.025	.	.

27

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=460920001A07 NAME=SALT LAKE CITY(6 S 200 E) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	52	56.8681	27.1444	20.2700	131.400	830106	831226
SSI	0	.	.	.	.	.	.
DICHOT15	0	.	.	.	.	.	.
FINE15	0	.	.	.	.	.	.
COARSE15	0	.	.	.	.	.	.
RATIO15	0	.	.	.	.	.	.
DICHOT10	51	28.6522	15.0590	12.9700	96.970	830118	831226
FINE10	51	14.8816	9.8582	5.8100	59.100	830118	831226
COARSE10	51	13.7706	7.9599	2.0800	37.870	830118	831226
RATIO10	46	0.5411	0.1700	0.2855	1.015	.	.

----- SITE=482630001A07 NAME=FAIRFAX (GREAT FALLS) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	44	37.5120	15.5374	10.7900	87.6400	830307	831226
SSI	0	.	.	.	.	.	.
DICHOT15	0	.	.	.	.	.	.
FINE15	0	.	.	.	.	.	.
COARSE15	0	.	.	.	.	.	.
RATIO15	0	.	.	.	.	.	.
DICHOT10	38	26.1767	14.3572	5.6260	73.0200	830313	831220
FINE10	38	19.1765	11.4204	4.2720	59.1900	830313	831220
COARSE10	38	7.0002	3.9651	0.4190	15.4500	830313	831220
RATIO10	32	0.6659	0.1320	0.4122	1.0018	.	.

----- SITE=491840057A07 NAME=SEATTLE (DUWAMISH PUMP) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	57	82.4365	30.3738	41.7500	170.100	830106	831214
SSI	0	.	.	.	.	.	.
DICHOT15	0	.	.	.	.	.	.
FINE15	0	.	.	.	.	.	.
COARSE15	0	.	.	.	.	.	.
RATIO15	0	.	.	.	.	.	.
DICHOT10	49	30.9918	13.5890	9.9760	62.320	830118	831214
FINE10	49	15.4552	8.0648	4.7340	41.360	830118	831214
COARSE10	49	15.5366	7.5484	5.2420	32.820	830118	831214
RATIO10	49	0.3732	0.0870	0.1189	0.587	.	.

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=491840057A57 NAME=SEATTLE(DUWAMISH COL) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	0	.	.	.	.	.	.
FINE15	0	.	.	.	.	.	.
COARSE15	0	.	.	.	.	.	.
RATIO15	0	.	.	.	.	.	.
DICHOT10	52	30.5427	13.0649	10.47	60.00	830118	831214
FINE10	52	16.0223	7.9681	5.35	42.11	830118	831214
COARSE10	52	14.5212	7.1805	1.77	33.12	830118	831214
RATIO10	0	.	.	.	.	.	.

----- SITE=492040013A07 NAME=SPOKANE (BOONE ST) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	11	74.4991	38.0913	20.9500	136.600	830112	830319
SSI	0	.	.	.	.	.	.
DICHOT15	1	42.1500	.	42.1500	42.150	830112	830112
FINE15	1	11.4900	.	11.4900	11.490	830112	830112
COARSE15	1	30.6600	.	30.6600	30.660	830112	830112
RATIO15	1	0.4334	.	0.4334	0.433	.	.
DICHOT10	22	37.7844	21.6830	7.1360	88.700	830118	830822
FINE10	22	15.6650	13.5374	2.6600	57.130	830118	830822
COARSE10	22	22.1194	14.9346	3.0660	57.430	830118	830822
RATIO10	10	0.5144	0.1335	0.3406	0.685	.	.

----- SITE=500280004A07 NAME=CHARLESTON WV (E WASHGTON) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	21	40.2919	18.7768	15.43	89.80	830106	830512
FINE15	21	20.8781	10.3156	8.86	49.88	830106	830512
COARSE15	21	19.4138	10.7397	2.75	39.92	830106	830512
RATIO15	0	.	.	.	.	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

29

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=50200002A07 NAME=WEIRTON -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	24	81.3062	27.7120	39.300	128.500	830319	830822
SSI	0	.	.	.	.	.	.
DICHOT15	25	53.2716	23.4753	13.590	119.900	830319	830822
FINE15	25	28.5980	14.9486	9.290	77.400	830319	830822
COARSE15	25	24.6736	11.2257	4.300	44.910	830319	830822
RATIO15	22	0.6518	0.1787	0.329	1.022	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=502120002A07 NAME=WHEELING -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	17	57.9676	23.9216	19.1700	102.100	830804	831202
SSI	0	.	.	.	.	.	.
DICHOT15	43	44.5544	21.6454	11.8800	101.800	830118	831102
FINE15	43	24.4200	12.4388	6.6600	58.590	830118	831102
COARSE15	43	20.1349	12.3875	3.3400	54.700	830118	831102
RATIO15	12	0.7924	0.1233	0.5937	0.959	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

----- SITE=510240002A07 NAME=BELOIT (FIRE STATION) -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	14	29.4863	18.2731	5.228	72.78	830319	830611
FINE15	14	16.5129	9.6782	2.350	35.21	830319	830611
COARSE15	14	12.9734	10.2560	2.878	37.57	830319	830611
RATIO15	0	.	.	.	.	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.

ENVIRONMENTAL PROTECTION AGENCY
 INHALABLE PARTICULATE NETWORK
 NETWORK DATA SUMMARY, 1983-1984
 RATIO15=DICHOT15/HIVOL RATIO10=DICHOT10/HIVOL

----- SITE=511180009A07 NAME=GREEN BAY -----

SAMPLER	N	MEAN	STD	MIN	MAX	STARTED	END_DATE
TSP	0	.	.	.	.	.	.
SSI	0	.	.	.	.	.	.
DICHOT15	51	35.0022	21.5829	8.05	124.70	830106	831214
FINE15	51	19.3945	11.8507	3.52	49.26	830106	831214
COARSE15	51	15.6076	14.5521	1.78	85.90	830106	831214
RATIO15	0	.	.	.	.	.	.
DICHOT10	0	.	.	.	.	.	.
FINE10	0	.	.	.	.	.	.
COARSE10	0	.	.	.	.	.	.
RATIO10	0	.	.	.	.	.	.