

National Air Surveillance Network

Annual Report



U. S. ENVIRONMENTAL PROTECTION AGENCY

REGION VI

S. & A. Division - Houston Branch

Houston, Texas

June, 1976

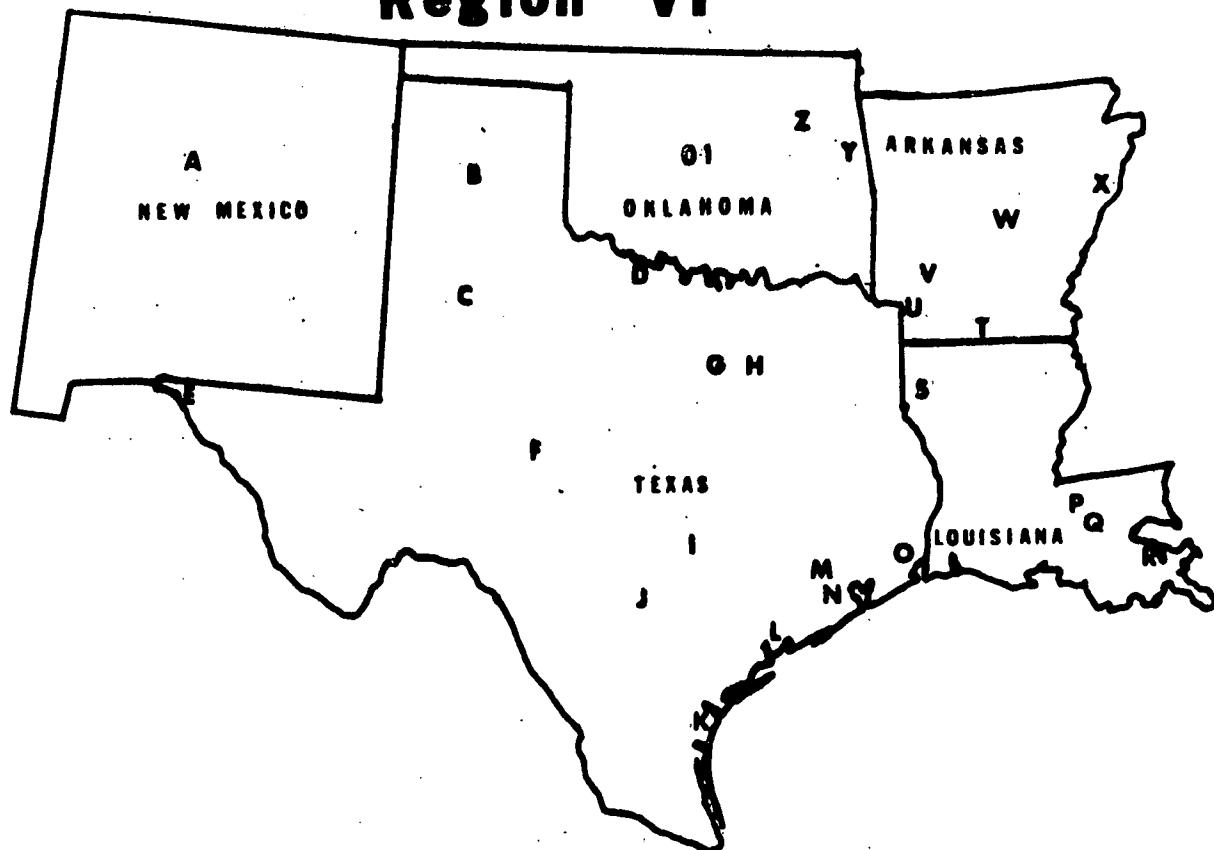
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16. ABSTRACT Report is a raw data summary of 1975 NASN sites which includes 27 stations for a five-state area: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.		
17. KEY WORDS AND DOCUMENT ANALYSIS		
a. DESCRIPTORS NASN Geometric Means Arithmetic Means Valid Samples Below Detection SO ₂ , NO ₂ , Particulates	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
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NASN

Region VI



A- Albuquerque
B- Amarillo
C- Lubbock
D- Wichita Falls
E- El Paso
F- San Angelo
G- Fort Worth
H- Dallas
I- Austin
J- San Antonio
K- Corpus Christi
L- Matagorda
M- Houston

N- Pasadena
O- Beaumont
P- Carville
Q- Baton Rouge
R- New Orleans
S- Shreveport
T- El Dorado
U- Texarkana
V- Oden
W- Little Rock
X- West Memphis
Y- Tahlequah
Z- Tulsa
01-Oklahoma City

NATIONAL AIR SURVEILLANCE NETWORK

ANNUAL REPORT

1975

U. S. Environmental Protection Agency

Region VI

Surveillance and Analysis Division

Houston Branch

Houston, Texas

June 1976

Background

The operation of the National Air Surveillance Network (NASN) was decentralized in fiscal year 1974. Responsibility was passed from the National Environmental Research Center in Research Triangle Park, North Carolina, to Region VI and operation began January 1974 at the Surveillance and Analysis Division's Houston Branch. In July 1975 the network was further decentralized when the states of Arkansas, Louisiana, New Mexico, and Oklahoma accepted responsibility for the operation and maintenance of the NASN stations located in their respective states. The State of Texas accepted responsibility in January of 1976.

Summary of Activities

The routine preparation and mailing of reagents, filters, supplies, and equipment was continued through July 1975 for all states except Texas, which was supplied through December 1975. Since the July assumption of NASN duties by four of the states in Region VI, an analytical quality control program involving split samples for nitrogen dioxide and sulfur dioxide has been in effect. Similarly, the integrity of the particulate data is assured through calibration of high - volume sampler orifices at the Houston Branch.

TABLE I

System Performance Report

National Air Surveillance Network
 Region VI
 January - December 1975

System as a whole:

Total number of sites	28
Number of sites with Hi-Vol samplers	27
Number of sites with Gas Bubbler samplers	24
Number of sampling days	30
Total possible observations	2250
Actual observations	1792
Percent performance	80

Hi-Vol Network:

Total possible observations	810
Actual valid observations	624
Percent performance	77

Bubbler Network:

Total possible observations	1440
Actual valid observations	1171
Percent performance	81

TABLE II

System Performance by Sampling Period

<u>Hi-vol Particulate</u>		<u>Gas Bubbler (NO₂/SO₂)</u>
---------------------------	--	--

<u>Sample Period</u>	<u>Valid Samples</u>	<u>% Performance</u>	<u>Valid NO₂</u>	<u>% NO₂</u>	<u>Valid SO₂</u>	<u>% SO₂</u>
1	21	78	18	75	18	75
2	21	78	20	83	19	79
3	23	85	20	83	20	83
4	19	70	15	63	16	67
5	19	70	16	67	17	71
6	23	85	21	88	19	79
7	24	89	21	88	21	88
8	20	74	20	83	17	71
9	22	81	24	100	24	100
10	21	78	20	83	17	71
11	26	96	22	92	20	83
12	23	85	24	100	23	96
13	21	78	22	92	22	92
14	20	74	20	83	22	92
15	21	78	22	92	23	96
16	22	81	21	88	21	88
17	21	78	20	83	0	0
18	21	78	18	75	14	58
19	21	78	13	54	15	63
20	18	67	21	88	21	88
21	22	81	18	75	18	75
22	24	89	18	75	18	75
23	18	67	19	79	17	71
24	20	74	22	92	22	92
25	21	78	20	83	20	83
26	22	81	21	88	24	100
27	20	74	22	92	21	88
28	16	59	20	83	23	96
29	18	67	20	83	22	92
30	16	59	18	75	21	88

The lower limit of detection for SO₂ using the Technicon II procedure is estimated ¹ to be approximately 4 ug SO₂ per milliliter, which represents a concentration of approximately 4 ug SO₂ per cubic meter for ambient air. When using the manual method for SO₂, the lower detection limit is approximately 25 ug SO₂ per cubic meter². For NO₂, the detection limit is given ³ as 0.02 ug NO₂ per milliliter, corresponding to an ambient concentration of about 5 ug NO₂ per cubic meter. Therefore BD will designate NO₂ or SO₂ concentrations below the appropriate detection limit.

- (1) Logsdon, O. J. II and Carter, M. J., "Comparison of Manual and Automated Methods for Sulfur Dioxide in Manually Impinged Ambient Air Samples." EPA - Region V, 1819 West Pershing Road, Chicago, IL 60609
- (2) Federal Register, Vol. 36, No. 84, Friday, April 30, 1971.
- (3) Federal Register, Vol. 38, No. 110, Friday, June 8, 1973, page 15175.

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 45-0070-002 P01

Coop. Organization: Amarillo Bi-County Health Department

Site Location: 417 Austin Street
Amarillo, Texas 79105

<u>Date</u>	<u>Particulate (ug/m³)</u>	<u>NO₂ (ug/m³)</u>	<u>SO₂ (ug/m³)</u>
01-06-75	Void	Void	Void
01-18-75	Void	Void	Void
01-30-75	Void	Void	Void
02-11-75	Void	Void	Void
02-23-75	Void	10.4	BD
03-07-75	62.6	Void	Void
03-19-75	102.8	Void	Void
03-31-75	Void	24.8	BD
04-12-75	Void	24.9	BD
04-24-75	Void	46.2	Void
05-06-75	Void	19.3	BD
05-18-75	Void	17.5	BD
05-30-75	Void	32.9	BD
06-11-75	Void	Void	BD
06-23-75	Void	26.4	BD
07-05-75	Void	15.6	Void
07-17-75	52.0	9.0	Void
07-29-75	Void	24.1	BD
08-10-75	Void	Void	Void
08-22-75	Void	24.5	BD
09-03-75	58.8	Void	Void
09-15-75	Void	Void	Void
09-27-75	107.0	14.3	Void
10-09-75	Void	BD	BD
10-21-75	Void	7.7	BD
11-02-75	Void	Void	BD
11-14-75	Void	30.9	BD
11-26-75	Void	7.1	BD
12-08-75	Void	Void	Void
12-20-75	85.7	Void	BD

BD - Below Detection

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 45-0220-010 P01

Coop. Organization: Texas Air Pollution Control Services

Site Location: Ridgetop School #10
Austin, Texas 78751

<u>Date</u>	<u>Particulate (ug/m³)</u>	<u>NO₂ (ug/m³)</u>	<u>SO₂ (ug/m³)</u>
01-06-75	Void	48.3	Void
01-18-75	42.0	Void	BD
01-30-75	31.0	41.4	BD
02-11-75	32.4	Void	BD
02-23-75	18.0	23.0	BD
03-07-75	61.1	25.2	BD
03-19-75	59.6	32.4	BD
03-31-75	53.5	Void	Void
04-12-75	45.4	18.6	BD
04-24-75	63.5	Void	BD
05-06-75	80.5	42.9	BD
05-18-75	61.2	33.3	BD
05-30-75	Void	BD	Void
06-11-75	50.5	45.0	BD
06-23-75	38.6	5.7	BD
07-05-75	42.0	47.4	BD
07-17-75	64.3	62.4	Void
07-29-75	73.0	Void	BD
08-10-75	56.9	21.2	BD
08-22-75	50.7	8.3	BD
09-03-75	62.2	24.4	BD
09-15-75	53.6	39.1	BD
09-27-75	62.1	72.8	BD
10-09-75	42.6	21.8	BD
10-21-75	61.0	Void	BD
11-02-75	24.5	23.6	BD
11-14-75	Void	29.1	BD
11-26-75	Void	28.9	BD
12-08-75	53.5	22.6	BD
12-20-75	Void	Void	Void

BD - Below Detection

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 45-0330-001 P01

Coop. Organization: Beaumont City Laboratory

Site Location: 950 Washington Boulevard
Beaumont, Texas 77704

<u>Date</u>	<u>Particulate (ug/m³)</u>	<u>NO₂ (ug/m³)</u>	<u>SO₂ (ug/m³)</u>
01-06-75	Void	125.0	BD
01-18-75	50.1	85.4	BD
01-30-75	48.0	60.9	BD
02-11-75	29.8	44.8	BD
02-23-75	Void	37.2	BD
03-07-75	Void	30.2	Void
03-19-75	Void	73.3	BD
03-31-75	Void	24.1	BD
04-12-75	Void	66.8	40.0
04-24-75	Void	16.9	BD
05-06-75	69.4	41.9	BD
05-18-75	Void	45.9	BD
05-30-75	38.3	24.0	BD
06-11-75	Void	10.0	BD
06-23-75	43.3	22.5	BD
07-05-75	43.4	32.0	BD
07-17-75	65.5	15.1	Void
07-29-75	45.1	40.9	BD
08-10-75	44.7	20.8	BD
08-22-75	Void	34.9	BD
09-03-75	72.2	BD	BD
09-15-75	91.8	47.1	BD
09-27-75	Void	37.0	BD
10-09-75	Void	26.3	BD
10-21-75	Void	28.1	BD
11-02-75	Void	BD	BD
11-14-75	Void	6.5	BD
11-26-75	Void	6.6	BD
12-08-75	Void	BD	BD
12-20-75	Void	BD	BD

BD - Below Detection

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 45-1150-001 P01

Coop. Organization: Public Health
Corpus Christi - Nueces County

Site Location: 3041 Morgan Street
Corpus Christi, Texas 78401

Date	Particulate (ug/m ³)	NO ₂ (ug/m ³)	SO ₂ (ug/m ³)
01-06-75	121.0	Void	Void
01-18-75	Void	71.9	Void
01-30-75	46.8	34.3	BD
02-11-75	97.4	Void	Void
02-23-75	42.1	28.2	BD
03-07-75	98.8	31.8	BD
03-19-75	53.4	37.5	BD
03-31-75	102.0	48.4	BD
04-12-75	74.3	30.2	BD
04-24-75	Void	12.6	BD
05-06-75	132.5	20.0	BD
05-18-75	80.1	18.0	BD
05-30-75	Void	32.2	BD
06-11-75	Void	Void	BD
06-23-75	47.7	19.3	BD
07-05-75	43.2	22.2	BD
07-17-75	Void	BD	Void
07-29-75	78.3	21.4	BD
08-10-75	74.4	22.2	BD
08-22-75	Void	5.7	BD
09-03-75	69.5	26.8	BD
09-15-75	53.9	22.7	BD
09-27-75	96.8	40.9	BD
10-09-75	56.6	19.5	BD
10-21-75	59.9	53.3	BD
11-02-75	51.1	BD	BD
11-14-75	102.9	80.2	BD
11-26-75	78.2	23.5	BD
12-08-75	106.9	67.7	BD
12-20-75	Void	69.7	BD
% Valid Samples	77%	90%	87%
Geometric mean	72.6		
Arithmetic mean		32.0	BD
BD - Below Detection			

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 45-1310-002 P01

Coop. Organization: City Air Pollution Control
Dallas Health DepartmentSite Location: 2108 Young Street
Dallas, Texas 75235

<u>Date</u>	<u>Particulate (ug/m³)</u>	<u>NO₂ (ug/m³)</u>	<u>SO₂ (ug/m³)</u>
01-06-75	75.1	119.4	BD
01-18-75	157.1	99.4	BD
01-30-75	52.6	66.5	BD
02-11-75	90.9	54.8	BD
02-23-75	36.4	54.8	BD
03-07-75	140.3	57.6	BD
03-19-75	225.5	114.6	BD
03-31-75	118.5	72.5	Void
04-12-75	106.4	69.2	BD
04-24-75	132.5	35.6	BD
05-06-75	241.7	5.8	BD
05-18-75	152.5	63.4	BD
05-30-75	102.9	60.5	BD
06-11-75	80.4	63.2	BD
06-23-75	83.1	65.0	BD
07-12-75	113.5	83.4	BD
07-17-75	118.5	67.0	Void
07-29-75	135.0	87.7	BD
08-10-75	165.9	101.0	BD
08-22-75	123.7	69.0	BD
09-03-75	158.1	67.0	BD
09-15-75	93.8	54.1	BD
09-27-75	157.1	82.2	BD
10-09-75	136.8	47.5	BD
10-21-75	159.4	107.0	BD
11-02-75	75.7	44.2	BD
11-14-75	Void	102.2	BD
11-26-75	Void	54.9	BD
12-08-75	118.0	72.4	BD
12-20-75	104.3	101.3	BD
% Valid Samples	93%	100%	93%
Geometric mean	114.9		
Arithmetic mean		71.4	
BD - Below Detection			BD

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 45-1700-002 P01

Coop. Organization: El Paso City - County Health Department

Site Location: 222 South Campbell Street
El Paso, Texas 79901

Date	Particulate (ug/m ³)	NO ₂ (ug/m ³)	SO ₂ (ug/m ³)
01-06-75	223.2	Void	Void
01-18-75	111.9	69.8	BD
01-30-75	54.5	15.5	BD
02-11-75	76.1	25.5	BD
02-23-75	52.2	28.6	Void
03-07-75	158.0	40.7	BD
03-19-75	164.0	16.1	BD
03-31-75	Void	30.6	Void
04-12-75	68.5	27.7	BD
04-24-75	163.1	24.8	BD
05-06-75	107.2	30.4	Void
05-18-75	45.0	29.0	Void
05-30-75	75.2	38.1	Void
06-11-75	141.4	30.7	BD
06-23-75	89.5	21.5	BD
07-05-75	86.6	23.8	BD
07-17-75	55.1	10.7	Void
07-29-75	61.9	15.6	BD
08-10-75	79.3	Void	BD
08-22-75	55.5	8.4	BD
09-03-75	54.2	11.2	BD
09-15-75	131.4	21.3	BD
09-27-75	73.1	25.0	BD
10-09-75	186.7	21.6	BD
10-21-75	110.7	38.1	BD
11-02-75	86.7	18.9	BD
11-14-75	149.2	38.0	BD
11-26-75	170.8	30.5	BD
12-08-75	144.7	73.8	BD
12-20-75	107.7	7.7	BD
% Valid Samples	97%	93%	97%
Geometric mean	96.4		
Arithmetic mean		27.6	BD

BD - Below Detection

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 45-1880-001 P01

Coop. Organization: Ft. Worth Department - Public Health

Site Location: 1000 Throckmorton
Ft. Worth, Texas 76107

<u>Date</u>	<u>Particulate (ug/m³)</u>	<u>NO₂ (ug/m³)</u>	<u>SO₂ (ug/m³)</u>
01-06-75	83.6	67.5	BD
01-18-75	68.1	46.2	Void
01-30-75	83.4	74.0	BD
02-11-75	47.1	49.2	BD
02-23-75	35.4	39.0	BD
03-07-75	93.3	41.5	Void
03-19-75	52.8	63.8	BD
03-31-75	45.9	57.1	BD
04-12-75	59.3	67.3	BD
04-24-75	76.2	27.6	BD
05-06-75	68.4	43.3	BD
05-18-75	67.8	43.9	BD
05-30-75	59.1	64.4	BD
06-11-75	40.6	56.1	BD
06-23-75	64.7	52.0	BD
07-05-75	41.7	Void	BD
07-17-75	57.1	65.9	Void
07-29-75	61.6	77.5	Void
08-10-75	44.0	Void	BD
08-22-75	46.6	28.2	BD
09-03-75	92.2	56.7	BD
09-15-75	55.6	34.3	BD
09-27-75	77.1	98.3	BD
10-09-75	50.8	29.9	BD
10-21-75	56.0	59.0	BD
11-02-75	40.2	37.3	BD
11-14-75	70.3	56.6	BD
11-26-75	82.3	57.4	BD
12-08-75	68.8	68.3	BD
12-20-75	43.6	72.0	BD
% Valid Samples	100%	93%	87%
Geometric mean	59.1		
Arithmetic mean		54.8	BD
BD - Below Detection			

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 45-2560-001 P01

Coop. Organization: City of Houston
Department of Public Health

Site Location: 810 Bagby Street
Houston, Texas 77025

<u>Date</u>	<u>Particulate (ug/m³)</u>	<u>NO₂ (ug/m³)</u>	<u>SO₂ (ug/m³)</u>
01-06-75	141.3	Void	BD
01-18-75	76.9	90.2	BD
01-30-75	69.4	44.3	BD
02-11-75	50.1	62.0	BD
02-23-75	23.3	50.9	BD
03-07-75	70.3	53.4	BD
03-19-75	113.3	113.3	Void
03-31-75	123.3	112.3	BD
04-12-75	74.4	82.8	BD
04-24-75	84.0	46.7	BD
05-06-75	126.8	77.3	BD
05-18-75	80.3	52.0	BD
05-30-75	84.1	63.2	BD
06-17-75	101.1	57.0	BD
06-23-75	86.6	Void	BD
07-05-75	43.7	56.8	BD
07-17-75	98.3	86.0	Void
07-29-75	80.4	64.4	Void
08-10-75	62.9	Void	BD
08-22-75	Void	67.2	BD
09-03-75	101.9	37.0	BD
09-15-75	98.4	118.3	BD
09-27-75	115.9	119.7	BD
10-16-75	51.7	62.1	BD
10-21-75	74.2	103.8	BD
11-02-75	38.5	34.6	BD
11-14-75	149.7	84.6	Void
11-26-75	Void	67.9	BD
12-08-75	61.2	Void	BD
12-20-75	Void	71.7	BD
% Valid Samples	90%	87%	87%
Geometric mean	78.4		
Arithmetic mean		72.3	BD
BD - Below Detection			

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 45-3340-001 P01

Coop. Organization: Lubbock City - County Health Department

Site Location: 1100 6th at K
 Lubbock, Texas 79408

<u>Date</u>	<u>Particulate (ug/m³)</u>	<u>NO₂ (ug/m³)</u>	<u>SO₂ (ug/m³)</u>
01-06-75	Void	40.9	BD
01-18-75	39.3	79.4	BD
01-30-75	69.0	40.1	BD
02-11-75	58.8	21.3	BD
02-23-75	Void	Void	BD
03-07-75	41.9	37.7	BD
03-19-75	Void	24.6	BD
03-31-75	32.5	32.2	BD
04-12-75	Void	25.0	BD
04-24-75	Void	32.5	Void
05-06-75	211.9	28.7	BD
05-18-75	Void	22.9	BD
05-30-75	Void	Void	BD
06-11-75	Void	21.5	BD
06-23-75	Void	15.1	BD
07-05-75	56.5	39.8	BD
07-17-75	Void	20.2	Void
07-29-75	74.0	33.2	Void
08-10-75	107.5	31.8	Void
08-22-75	Void	10.8	BD
09-03-75	81.7	31.3	BD
09-15-75	54.5	28.4	BD
09-27-75	87.9	32.8	BD
10-09-75	108.5	20.8	BD
10-21-75	69.0	14.1	BD
11-02-75	Void	46.5	BD
11-14-75	80.9	68.9	BD
11-26-75	25.1	22.6	BD
12-08-75	170.9	20.1	BD
12-20-75	174.5	BD	BD
% Valid Samples	60%	93%	87%
Geometric mean	73.2		
Arithmetic mean		30.1	BD
BD - Below Detection			

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 45-3530-001 P03

Coop. Organization: Corps of Engineers

Site Location: Colorado River Locks
Matagorda, Texas 77457

Date	Particulate (ug/m ³)	NO ₂ (ug/m ³)	SO ₂ (ug/m ³)
01-06-75	52.1	19.9	BD
01-18-75	21.5	23.1	BD
01-30-75	19.7	10.8	BD
02-11-75	17.9	9.7	BD
02-23-75	Void	Void	Void
03-07-75	28.0	7.9	BD
03-19-75	21.5	32.9	BD
03-31-75	25.7	25.8	BD
04-12-75	22.8	10.7	BD
04-24-75	39.9	5.5	BD
05-06-75	59.7	BD	BD
05-18-75	37.7	BD	BD
05-30-75	33.3	7.0	BD
06-11-75	30.6	16.6	BD
06-23-75	18.7	5.3	BD
07-09-75	69.2	BD	BD
07-22-75	14.7	BD	Void
07-29-75	40.8	17.1	BD
08-17-75	18.8	23.0	BD
08-22-75	31.0	10.6	BD
09-03-75	35.7	5.4	BD
09-15-75	35.0	11.5	BD
09-27-75	36.6	17.8	BD
10-09-75	20.9	BD	BD
10-21-75	36.5	8.3	BD
11-02-75	32.1	8.9	BD
11-14-75	23.1	7.9	BD
11-26-75	Void	15.2	BD
12-08-75	33.3	19.9	BD
12-27-75	14.6	7.5	BD
% Valid Samples	93%	97%	93.3
Geometric mean	28.8%		
Arithmetic mean		11.8	BD
BD - Below Detection			

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 45-4060-002 P01

Coop. Organization: Environmental Health
Air Control ProgramSite Location: 208 West Shaw
Pasadena, Texas 77502

<u>Date</u>	<u>Particulate (ug/m³)</u>	<u>NO₂ (ug/m³)</u>	<u>SO₂ (ug/m³)</u>
01-06-75	142.7	164.7	Void
01-18-75	66.4	Void	Void
01-30-75	60.6	Void	Void
02-11-75	57.2	Void	Void
02-23-75	37.8	40.1	BD
03-07-75	107.7	50.4	BD
03-19-75	123.4	91.5	31.9
03-31-75	Void	Void	Void
04-12-75	184.3	52.7	40.1
04-24-75	80.3	41.2	BD
05-06-75	106.1	40.1	BD
05-18-75	91.3	73.6	BD
05-30-75	84.0	39.5	BD
06-11-75	79.4	29.2	BD
06-23-75	Void	63.6	BD
07-05-75	74.4	7.7	BD
07-17-75	76.2	Void	BD
07-29-75	Void	Void	BD
08-10-75	Void	Void	Void
08-22-75	Void	Void	Void
09-03-75	Void	Void	Void
09-15-75	Void	Void	Void
09-27-75	103.9	12.7	BD
10-09-75	115.0	44.3	BD
10-21-75	62.3	81.2	BD
11-02-75	16.9	32.9	BD
11-14-75	Void	BD	BD
11-26-75	32.6	7.5	BD
12-08-75	Void	26.0	BD
12-20-75	71.5	BD	BD
% Valid Samples	70%	67%	63%
Geometric mean	75.4		
Arithmetic mean		44.9	BD
BD - Below Detection			

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 45-5200-001 P03

Coop. Organization: San Angelo Tom Green Health Department

Site Location: Fish Hatchery #1
San Angelo, Texas 76901

Date	Particulate (ug/m ³)	NO ₂ (ug/m ³)	SO ₂ (ug/m ³)
01-06-75	Void	BD	BD
01-18-75	Void	Void	Void
01-30-75	Void	Void	Void
02-11-75	Void	Void	Void
02-23-75	Void	Void	Void
03-11-75	47.5	7.0	Void
03-19-75	75.7	9.6	BD
03-31-75	41.1	7.2	BD
04-12-75	31.0	BD	BD
04-24-75	62.0	BD	Void
05-06-75	86.4	BD	BD
05-18-75	69.9	BD	BD
05-30-75	27.2	BD	BD
06-11-75	37.1	5.6	BD
06-23-75	28.6	5.4	BD
07-05-75	20.3	31.5	BD
07-17-75	12.2	Void	Void
07-29-75	34.7	Void	BD
08-10-75	48.9	Void	Void
08-22-75	52.8	7.8	BD
09-03-75	47.2	BD	BD
09-15-75	21.5	BD	BD
09-27-75	31.3	14.7	BD
10-09-75	70.3	7.0	BD
10-21-75	30.3	7.3	BD
11-02-75	20.2	BD	BD
11-14-75	36.1	15.7	BD
11-26-75	45.5	Void	BD
12-08-75	Void	BD	BD
12-20-75	39.2	BD	Void
% Valid Samples	80%	73%	70%
Geometric mean	38.3		
Arithmetic mean		6.3	BD
BD - Below Detection			

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 45-4570-034 P01

Coop. Organization: San Antonio Metropolitan
Health DistrictSite Location: Institute of Texas
San Antonio, Texas 78285

<u>Date</u>	<u>Particulate (ug/m³)</u>	<u>NO₂ (ug/m³)</u>	<u>SO₂ (ug/m³)</u>
01-06-75	78.0	100.4	BD
01-18-75	43.6	72.1	BD
01-30-75	23.2	11.3	BD
02-11-75	18.9	48.4	BD
02-23-75	11.2	19.3	BD
03-07-75	Void	42.5	Void
03-19-75	Void	76.6	BD
03-31-75	Void	50.3	BD
04-12-75	Void	39.1	BD
04-24-75	30.8	void	BD
05-06-75	47.4	34.8	BD
05-18-75	41.6	45.1	BD
05-30-75	31.4	48.8	BD
06-11-75	32.4	59.0	BD
06-23-75	21.3	37.0	BD
07-05-75	23.5	43.9	BD
07-17-75	37.4	50.4	Void
07-29-75	37.1	20.7	BD
08-10-75	53.2	61.8	BD
08-22-75	26.1	22.4	BD
09-03-75	29.1	36.5	BD
09-15-75	27.7	71.4	BD
09-27-75	45.5	70.4	BD
10-09-75	20.9	27.3	BD
10-28-75	34.7	52.8	BD
11-02-75	16.3	26.5	BD
11-14-75	57.4	85.0	BD
11-26-75	37.1	43.3	BD
12-08-75	43.5	93.2	BD
12-20-75	21.7	61.5	BD
% Valid Samples	87%	97%	93%
Geometric mean	31.5		
Arithmetic mean		50.1	BD
BD - Below Detection			

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 45-55 60-002 P01

Coop. Organization: Wichita Falls
Public Health Center

Site Location: 1700 Third Street
Wichita Falls, Texas 76301

Date	Particulate (ug/m ³)	NO ₂ (ug/m ³)	SO ₂ (ug/m ³)
01-06-75	65.0	67.8	BD
01-18-75	81.3	12.9	BD
01-30-75	Void	30.0	BD
02-11-75	63.2	32.6	Void
02-23-75	Void	31.4	BD
03-07-75	91.0	15.8	BD
03-19-75	68.8	45.2	BD
03-31-75	48.5	37.9	BD
04-12-75	68.3	14.4	BD
04-24-75	88.5	21.5	BD
05-06-75	112.2	38.2	BD
05-18-75	68.5	29.6	BD
05-30-75	Void	14.6	BD
06-11-75	29.5	26.2	BD
06-23-75	54.1	23.8	BD
07-05-75	30.3	BD	BD
07-17-75	79.0	30.6	Void
07-29-75	Void	16.5	BD
08-10-75	Void	49.5	BD
08-22-75	Void	29.4	BD
09-03-75	Void	29.4	BD
09-15-75	50.3	8.3	BD
09-27-75	72.1	5.6	BD
10-09-75	Void	40.9	BD
10-21-75	69.3	50.1	BD
11-02-75	35.2	5.4	BD
11-14-75	Void	9.6	BD
11-26-75	Void	BD	BD
12-08-75	Void	8.5	BD
12-20-75	58.2	Void	BD
% Valid Samples	63%	97%	93%
Geometric mean	61.3		
Arithmetic mean		25.3	
BD - Below Detection			

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 19-0280-002 P01

Coop. Organization: Louisiana State Health Department

Site Location: 3142 Evangeline Street
 Baton Rouge, Louisiana 70821

<u>Date</u>	<u>Particulate (ug/m³)</u>	<u>NO₂ (ug/m³)</u>	<u>SO₂ (ug/m³)</u>
01-06-75	109.9	99.0	BD
01-18-75	43.2	59.0	BD
01-30-75	41.9	18.1	BD
02-11-75	35.5	37.9	BD
02-23-75	66.6	Void	56.5
03-07-75	60.7	58.4	BD
03-19-75	149.8	72.7	120.9
03-31-75	65.5	25.9	BD
04-12-75	102.5	53.3	BD
04-24-75	93.0	29.8	Void
05-06-75	100.1	Void	Void
05-18-75	132.9	54.4	BD
05-30-75	75.1	46.8	BD
06-11-75	31.3	Void	Void
06-23-75	Void	11.9	BD
07-05-75	Void	47.4	75.8
07-17-75	53.5	61.1	Void
07-29-75	65.3	47.9	72.2
08-10-75	31.5	NASN State Assumption	
08-22-75	43.9		
09-03-75	99.2		
09-15-75	50.3		
09-27-75	Void		
10-09-75	Void		
10-21-75	Void		
11-02-75	39.1		
11-14-75	71.0		
11-26-75	36.0		
12-08-75	51.8		
12-20-75	58.2		
% Valid Samples	83%		
Geometric mean	61.8		
Arithmetic mean			
BD - Below Detection			

STATION REPORT

Agency: Louisiana State Division of Health

Project: National Air Surveillance Network,
Region VI, State Assumption

State: Louisiana

Coop. Organization: Louisiana State Division of Health
Air Quality Section

Site Code: 19-0280-002 F01

Site Location: 3142 Evangeline Street
Baton Rouge, Louisiana

<u>Sampling Date</u>	<u>NO₂(ug/m³)</u>	<u>SO₂(ug/m³)</u>
07-29-75	34	59
08-10-75	32	BD
08-22-75	35	BD
09-03-75	45	BD
09-15-75	Void	Void
09-27-75	Void	Void
10-09-75	Void	Void
10-21-75	Void	Void
11-02-75	25.0	BD
11-14-75	57.8	BD
11-26-75	39.8	47.0
12-08-75	22.0	30.7
12-20-75	68.8	47.5

BD - Below Detection

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 19-1280-001 P03

Coop. Organization: Public Health Service Hospital

Site Location: Public Health Service Hospital
Carville, Louisiana 70721

Date	Particulate (ug/m ³)	NO ₂ (ug/m ³)	SO ₂ (ug/m ³)
01-06-75	19.1	9.8	Void
01-18-75	54.0	50.1	BD
01-30-75	35.2	40.3	BD
02-11-75	Void	Void	Void
02-23-75	22.8	9.9	BD
03-07-75	55.1	11.8	BD
03-19-75	140.3	Void	Void
03-31-75	Void	Void	Void
04-12-75	33.8	19.0	BD
04-24-75	Void	45.0	BD
05-06-75	53.2	Void	Void
05-18-75	86.0	27.5	BD
05-30-75	19.5	22.4	BD
06-11-75	Void	5.5	Void
06-23-75	Void	Void	BD
07-05-75	Void	Void	Void
07-17-75	Void	Void	Void
07-29-75	31.6	41.4	BD
08-10-75	21.1	NASN State Assumption	
08-22-75	58.0		
09-03-75	80.8		
09-15-75	68.4		
09-27-75	Void		
10-09-75	47.2		
10-21-75	63.0		
11-02-75	44.9		
11-14-75	43.3		
11-26-75	Void		
12-08-75	40.4		
12-20-75	33.1		
% Valid Samples	70%		
Geometric mean	44.0		
Arithmetic mean			
BD - Below Detection			

STATION REPORT

Agency: Louisiana State Division of Health

Project: National Air Surveillance Network,
Region VI, State Assumption.

State: Louisiana

Coop. Organization: Public Health Hospital
Louisiana State Division of Health
Air Quality Section

Site Code: 19-1280-001 F03

Site Location: Public Health Service Hospital
Carville, Louisiana 70721

<u>Sampling Date</u>	<u>NO₂(ug/m³)</u>	<u>SO₂(ug/m³)</u>
07-29-75	19	BD
08-10-75	5	BD
08-22-75	18	BD
09-03-75	Void	Void
09-15-75	32.3	BD
09-27-75	11.8	BD
10-09-75	16	BD
10-21-75	20.9	BD
11-02-75	33.9	BD
11-14-75	8.2	BD
11-26-75	9.8	BD
12-08-75	13.6	BD
12-20-75	Void	BD

BD - Below Detection

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 19-2020-002 P01

Coop. Organization: Louisiana State Health Department
Air Control SectionSite Location: Civic Center
New Orleans, Louisiana 70160

<u>Date</u>	<u>Particulate (ug/m³)</u>	<u>NO₂ (ug/m³)</u>	<u>SO₂ (ug/m³)</u>
01-06-75	130.4	127.2	45.3
01-18-75	69.2	92.4	BD
01-30-75	61.1	10.2	BD
02-11-75	58.8	45.3	BD
02-23-75	69.4	46.2	BD
03-07-75	88.2	Void	BD
03-19-75	51.2	68.3	BD
03-31-75	64.5	80.4	27.1
04-12-75	79.8	67.5	BD
04-24-75	82.4	47.8	BD
05-06-75	72.3	41.5	BD
05-18-75	75.8	60.8	BD
05-30-75	59.0	68.8	BD
06-11-75	60.1	59.0	BD
06-23-75	57.1	84.8	BD
07-05-75	70.6	65.5	BD
07-17-75	Void	76.6	Void
07-29-75	80.3	60.3	BD
08-10-75	41.5	NASN State Assumption	
08-22-75	63.9		
09-03-75	89.6		
09-15-75	92.9		
09-27-75	Void		
10-09-75	Void		
10-21-75	Void		
11-02-75	52.5		
11-14-75	70.0		
11-26-75	57.7		
12-08-75	39.0		
12-20-75	72.0		
% Valid Samples	87%		
Geometric mean	67.4		
Arithmetic mean			
BD - Below Detection			

STATION REPORT

Agency: Louisiana State Division of Health

Project: National Air Surveillance Network,
Region VI, State Assumption

State: Louisiana

Coop. Organization: Louisiana State Division of Health
Air Quality Section

Site Code: 19-2020-002 F01

Site Location: Civic Center
New Orleans, Louisiana 70160

<u>Sampling Date</u>	<u>NO₂(ug/m³)</u>	<u>SO₂(ug/m³)</u>
07-29-75	39	BD
08-10-75	48	BD
08-22-75	55	BD
09-03-75	81	BD
09-15-75	67.5	BD
09-27-75	Void	Void
10-09-75	70	BD
10-21-75	98.8	BD
11-02-75	41.7	BD
11-14-75	26.4	BD
11-26-75	Void	BD
12-08-75	BD	Void
12-20-75	Void	41.4

BD - Below Detection

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 19-2740-001 P01

Coop. Organization: Louisiana State Health Department
Air Control Commission

Site Location: 1866 King's Highway
Shreveport, Louisiana 71107

<u>Date</u>	<u>Particulate (ug/m³)</u>	<u>NO₂ (ug/m³)</u>	<u>SO₂ (ug/m³)</u>
01-06-75	125.3	57.6	BD
01-18-75	44.3	43.6	BD
01-30-75	105.6	31.4	BD
02-11-75	44.7	36.0	BD
02-23-75	20.4	30.7	BD
03-07-75	63.8	30.7	BD
03-19-75	80.9	Void	BD
03-31-75	136.1	56.4	Void
04-12-75	71.9	48.3	BD
04-24-75	117.6	41.7	BD
05-06-75	85.3	26.5	BD
05-18-75	70.4	49.7	BD
05-30-75	136.4	23.8	BD
06-11-75	47.1	43.8	BD
06-23-75	47.8	34.5	BD
07-05-75	56.0	46.2	BD
07-17-75	78.4	Void	Void
07-29-75	55.7	27.5	BD
08-10-75	44.5	NASN State Assumption	
08-22-75	57.1		
09-03-75	Void		
09-15-75	93.4		
09-27-75	91.0		
10-09-75	113.7		
10-21-75	109.4		
11-02-75	33.2		
11-14-75	95.0		
11-26-75	64.9		
12-08-75	110.7		
12-20-75	41.2		
% Valid Samples	97%		
Geometric mean	70.3		
Arithmetic mean			
BD - Below Detection			

STATION REPORT

Agency: Louisiana State Division of Health

Project: National Air Surveillance Network
Region VI, State Assumption

State: Louisiana

Coop. Organization: Louisiana State Division of Health
Air Quality Section

Site Code: 19-2740-001 F01

Site Location: 1866 King's Highway
Shreveport, Louisiana 71107

<u>Sampling Date</u>	<u>NO₂(ug/m³)</u>	<u>SO₂(ug/m³)</u>
07-29-75	17	BD
08-10-75	25	BD
08-22-75	26	BD
09-03-75	40	BD
09-15-75	39.3	BD
09-27-75	46.2	BD
10-09-75	38	BD
10-21-75	33.0	BD
11-02-75	18.6	BD
11-14-75	57.2	BD
11-26-75	41.5	BD
12-08-75	14.0	BD
12-20-75	12.4	BD

BD - Below Detection

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 04-0780-002 P01

Coop. Organization: Department of Pollution and Ecology

Site Location: 200 Oak & N. West Avenue
El Dorado, Arkansas 71730

<u>Date</u>	<u>Particulate (ug/m³)</u>	<u>NO₂ (ug/m³)</u>	<u>SO₂ (ug/m³)</u>
01-06-75		Void	BD
01-18-75		37.9	BD
01-30-75		34.2	BD
02-11-75		25.7	BD
02-23-75		Void	Void
03-07-75		22.6	BD
03-19-75		43.3	BD
03-31-75		Void	Void
04-12-75		26.4	BD
04-24-75		24.9	Void
05-06-75		30.5	Void
05-18-75		45.1	BD
05-30-75		7.7	BD
06-11-75		14.2	BD
06-23-75		30.8	BD
07-05-75		Void	Void
07-17-75		81.2	Void
07-29-75		24.1	Void
08-10-75		NASN State Assumption	
08-22-75			
09-03-75			
09-15-75			
09-27-75			
10-09-75			
10-21-75			
11-02-75			
11-14-75			
11-26-75			
12-08-75			
12-20-75			
BD - Below Detection			

STATION REPORT

Agency: Arkansas Pollution Control Commission

Project: National Air Surveillance Network
Region VI, State Assumption

State: Arkansas

Coop. Organization: Department of Pollution
and Ecology

Site Code: 04-0780-002 F01

Site Location: 200 Oak & N. West Avenue
El Dorado, Arkansas

<u>Sampling Date</u>	<u>NO₂(ug/m³)</u>	<u>SO₂(ug/m³)</u>
07-29-75	Void	Void
08-10-75	Void	Void
08-22-75	Void	Void
09-03-75	Void	Void
09-15-75	Void	Void
09-27-75	Void	Void
10-09-75	Void	Void
10-21-75	46	BD
11-02-75	23	BD
11-14-75	16	BD
11-26-75	20	BD
12-08-75	Void	BD
12-20-75	21	42.6

BD - Below Detection

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 04-1440-001 P01

Coop. Organization: Arkansas Pollution Control Commission

Site Location: 700 W. Markham
Little Rock, Arkansas 72209

Date	Particulate (ug/m ³)	NO ₂ (ug/m ³)	SO ₂ (ug/m ³)
01-06-75	Void	74.3	BD
01-18-75	Void	58.2	BD
01-30-75	85.7	54.7	BD
02-11-75	65.1	36.3	BD
02-23-75	17.6	Void	Void
03-07-75	73.5	Void	Void
03-19-75	50.7	45.0	BD
03-31-75	66.0	56.2	BD
04-12-75	77.0	41.4	BD
04-24-75	85.6	30.5	BD
05-06-75	70.1	42.2	BD
05-18-75	72.4	44.2	BD
05-30-75	64.7	33.7	BD
06-11-75	42.3	37.6	BD
06-23-75	78.3	55.5	BD
07-05-75	65.0	30.3	BD
07-17-75	44.0	84.8	Void
07-29-75	87.4	55.7	Void
08-10-75	42.7	NASN State Assumption	
08-22-75	81.9		
09-03-75	111.7		
09-15-75	49.7		
09-27-75	83.8		
10-09-75	83.3		
10-21-75	Void		
11-02-75	54.2		
11-14-75	55.8		
11-26-75	34.6		
12-08-75	45.2		
12-20-75	Void		
% Valid Samples	87%		
Geometric mean	61.1		
Arithmetic mean			
BD - Below Detection			

STATION REPORT

Agency: Arkansas Pollution Control Commission

Project: National Air Surveillance Network

State: Arkansas

Coop. Organization: Arkansas Pollution Control Commission
Department of Pollution Control
and Ecology

Site Code: 04-1440-001 F01

Site Location: Police & Courts
Little Rock, Arkansas 72209

<u>Sampling Date</u>	<u>NO₂(ug/m³)</u>	<u>SO₂(ug/m³)</u>
07-29-75	Void	Void
08-10-75	Void	Void
08-22-75	Void	Void
09-03-75	Void	Void
09-15-75	Void	Void
09-27-75	Void	Void
10-09-75	68	BD
10-21-75	55	BD
11-02-75	34	BD
11-14-75	17	BD
11-26-75	27	BD
12-08-75	50	BD
12-20-75	50	BD
BD - Below Detection		

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 04-1760-001 P03

Coop. Organization: U. S. Forest Service

Site Location: Ouachita National Forest
Oden, Arkansas 71961

<u>Date</u>	<u>Particulate (ug/m³)</u>	<u>NO₂ (ug/m³)</u>	<u>SO₂ (ug/m³)</u>
01-06-75	16.4		
01-18-75	Void		
01-30-75	38.0		
02-11-75	Void		
02-23-75	Void		
03-07-75	Void		
03-19-75	41.6		
03-31-75	Void		
04-12-75	30.7		
04-24-75	71.1		
05-06-75	36.6		
05-18-75	41.4		
05-30-75	15.6		
06-11-75	22.4		
06-23-75	25.8		
07-05-75	Void		
07-17-75	20.0		
07-29-75	11.8		
08-10-75	39.2		
08-22-75	28.1		
09-03-75	19.1		
09-15-75	20.6		
09-27-75	Void		
10-09-75	38.1		
10-21-75	37.6		
11-02-75	16.3		
11-14-75	33.8		
11-26-75	17.2		
12-08-75	10.5		
12-20-75	Void		
% Valid Samples	73%		
Geometric mean	25.8		
Arithmetic mean			

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 04-2560-001 P01

Coop. Organization: Arkansas Pollution Control Commission

Site Location: Federal Bldg., Post Office
Texarkana, Arkansas

<u>Date</u>	<u>Particulate (ug/m³)</u>	<u>NO₂ (ug/m³)</u>	<u>SO₂ (ug/m³)</u>
01-06-75	102.7		
01-18-75	51.4		
01-30-75	13.1		
02-11-75	Void		
02-23-75	Void		
03-07-75	65.9		
03-19-75	49.8		
03-31-75	45.5		
04-12-75	Void		
04-24-75	74.0		
05-06-75	57.1		
05-18-75	57.9		
05-30-75	49.8		
06-11-75	33.7		
06-23-75	46.6		
07-05-75	61.3		
07-17-75	Void		
07-29-75	Void		
08-10-75	Void		
08-22-75	49.4		
09-03-75	76.2		
09-15-75	54.8		
09-27-75	Void		
10-09-75	9.8		
10-21-75	59.0		
11-02-75	28.0		
11-14-75	68.9		
11-26-75	34.5		
12-08-75	44.2		
12-20-75	Void		
% Valid Samples	73%		
Geometric mean	46.2		
Arithmetic mean			

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 04-2740-001 P01

Coop. Organization: Arkansas Pollution Control Commission

Site Location: West Memphis Fire Station #1
North Seventh Street
West Memphis, Arkansas 72301

<u>Date</u>	<u>Particulate (ug/m³)</u>	<u>NO₂ (ug/m³)</u>	<u>SO₂ (ug/m³)</u>
01-06-75	185.7		
01-18-75	83.8		
01-30-75	197.6		
02-11-75	55.6		
02-23-75	34.5		
03-07-75	119.5		
03-19-75	107.2		
03-31-75	133.2		
04-12-75	101.1		
04-24-75	128.8		
05-06-75	148.0		
05-18-75	109.4		
05-30-75	119.5		
06-11-75	96.7		
06-23-75	136.8		
07-05-75	210.8		
07-17-75	74.2		
07-29-75	114.2		
08-10-75	40.4		
08-22-75	80.1		
09-03-75	131.6		
09-15-75	68.4		
09-27-75	Void		
10-09-75	82.0		
10-21-75	69.3		
11-02-75	Void		
11-14-75	95.8		
11-26-75	61.1		
12-08-75	Void		
12-20-75	Void		
% Valid Samples	87%		
Geometric mean	97.9		
Arithmetic mean			

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 37-2200-022 P01

Coop. Organization: Oklahoma City - County Health Department

Site Location: 2nd and Robinson
Oklahoma City, Oklahoma 73105

<u>Date</u>	<u>Particulate (ug/m³)</u>	<u>NO₂ (ug/m³)</u>	<u>SO₂ (ug/m³)</u>
01-06-75	321.7	Void	BD
01-18-75	98.6	58.6	BD
01-30-75	78.4	46.6	BD
02-11-75	Void	Void	BD
02-23-75	86.7	70.8	BD
03-07-75	121.0	33.4	BD
03-19-75	166.0	10.1	BD
03-31-75	97.5	49.4	BD
04-12-75	99.0	59.0	BD
04-24-75	114.4	BD	BD
05-06-75	219.8	48.3	BD
05-18-75	142.9	37.0	BD
05-30-75	60.9	41.2	BD
06-11-75	116.0	39.4	BD
06-23-75	133.3	8.9	BD
07-05-75	48.5	24.5	BD
07-17-75	85.5	61.6	Void
08-04-75	145.0	NASN State Assumption	
08-10-75	83.3		
08-16-75	243.5		
09-03-75	118.2		
09-15-75	71.8		
09-27-75	139.0		
10-09-75	160.9		
10-21-75	104.4		
11-02-75	43.7		
11-14-75	102.5		
11-26-75	83.8		
12-08-75	59.3		
12-20-75	55.0		
% Valid Samples	97%		
Geometric mean	105.1		
Arithmetic mean			
BD - Below Detection			

STATION REPORT

Agency: Oklahoma State Dept. of Health

Project: National Air Surveillance Network,
Region VI, State Assumption.

State: Oklahoma

Coop. Organization: Oklahoma State Dept. of Health
Air Quality Service
Oklahoma City - County Health Dept.

Site Code: 37-2200-022 F01

Site Location: 428 W. California
Oklahoma City, Oklahoma 73105

<u>Sampling Date</u>	<u>NO₂(ug/m³)</u>	<u>SO₂(ug/m³)</u>
07-29-75	Void	Void
08-10-75	Void	Void
08-22-75	64	BD
09-03-75	91	BD
09-15-75	57	BD
09-27-75	34	BD
10-09-75	51	BD
10-21-75	40	BD
11-02-75	41	BD
11-14-75	Void	Void
12-02-75	92	BD
12-08-75	25	BD
12-20-75	70	BD
BD - Below Detection		

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 37-2200-001 P01

Coop. Organization: Oklahoma City - County Health Department

Site Location: 200 North Walker
Oklahoma City, Oklahoma 73105

<u>Date</u>	<u>Particulate (ug/m³)</u>	<u>NO₂ (ug/m³)</u>	<u>SO₂ (ug/m³)</u>
01-06-75	102.2		
01-18-75	44.6		
01-30-75	28.3		
02-11-75	39.3		
02-23-75	20.6		
03-07-75	70.5		
03-19-75	65.8		
03-31-75	56.9		
04-12-75	51.8		
04-24-75	72.4		
05-06-75	103.8		
05-18-75	99.3		
05-30-75	46.3		
06-11-75	30.6		
06-23-75	49.9		
07-05-75	50.3		
07-17-75	69.8		
07-29-75	65.3		
08-04-75	42.0		
08-16-75	37.5		
09-03-75	83.5		
09-15-75	53.4		
09-27-75	114.7		
10-09-75	118.2		
10-21-75	79.3		
11-08-75	59.8		
11-14-75	87.5		
11-26-75	62.9		
12-08-75	50.1		
12-20-75	34.7		
% Valid Samples	100%		
Geometric mean	57.9		
Arithmetic mean			

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 37-0480-001 P03

Coop. Organization: City - County Health Department

Site Location: City Water Plant
Tahlequah, Oklahoma 74464

<u>Date</u>	<u>Particulate (ug/m³)</u>	<u>NO₂ (ug/m³)</u>	<u>SO₂ (ug/m³)</u>
01-06-75	84.4	25.3	BD
01-18-75	43.3	19.8	BD
01-30-75	Void	10.9	BD
02-11-75	49.0	10.2	BD
02-23-75	23.4	12.4	BD
03-07-75	51.9	BD	BD
03-19-75	55.9	13.7	BD
03-31-75	14.3	10.2	BD
04-12-75	115.0	5.7	BD
04-24-75	Void	Void	Void
05-06-75	55.1	5.1	BD
05-18-75	Void	BD	BD
05-30-75	Void	5.7	BD
06-11-75	Void	10.8	BD
06-23-75	Void	BD	BD
07-05-75	Void	5.7	BD
07-17-75	Void	6.4	Void
07-29-75	Void	NASN State Assumption	
08-10-75	Void		
08-22-75	Void		
09-03-75	Void		
09-21-75	21.3		
09-27-75	Void		
10-09-75	56.6		
10-21-75	Void		
11-02-75	Void		
11-14-75	Void		
11-26-75	Void		
12-08-75	Void		
12-20-75	Void		
% Valid Samples	37%		
Geometric mean	44.4		
Arithmetic mean			
BD - Below Detection			

STATION REPORT

Agency: Oklahoma State Department of Health

Project: National Air Surveillance Network
Region VI, State Assumption

State: Oklahoma

Coop. Organization: Oklahoma State Department of Health
Air Quality Service
City - County Health Department

Site Code: 37-0480-001 F03

Site Location: City Water Plant
Tahlequah, Oklahoma 74464

<u>Sampling Date</u>	<u>NO₂(ug/m³)</u>	<u>SO₂(ug/m³)</u>
07-29-75	Void	Void
08-10-75	Void	Void
08-22-75	9	BD
09-03-75	Void	Void
09-15-75	Void	Void
09-27-75	Void	Void
10-09-75	13	BD
10-21-75	10	BD
11-02-75	14	BD
11-14-75	7	BD
11-26-75	19	BD
12-08-75	12	BD
12-20-75	10	BD

BD - Below Detection

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 37-3000-001 P01

Coop. Organization: Tulsa City - County Health Department

Site Location: 4616 East 15th Street
Tulsa, Oklahoma 74112

<u>Date</u>	<u>Particulate (ug/m³)</u>	<u>NO₂ (ug/m³)</u>	<u>SO₂ (ug/m³)</u>
01-06-75	27.2	81.2	BD
01-18-75	63.5	53.6	BD
01-30-75	21.5	39.9	BD
02-11-75	Void	Void	Void
02-23-75	29.6	Void	Void
03-07-75	56.0	24.7	BD
03-19-75	54.9	54.6	BD
03-31-75	64.9	38.9	BD
04-12-75	80.1	41.0	BD
04-24-75	92.2	10.2	BD
05-06-75	89.2	35.6	BD
05-18-75	80.6	15.6	BD
05-30-75	37.7	25.4	BD
06-11-75	36.5	30.7	BD
06-23-75	63.9	28.3	BD
07-05-75	56.9	26.3	BD
07-17-75	60.4	18.9	Void
07-29-75	57.6	NASN State Assumption	
08-10-75	66.3		
08-22-75	95.2		
09-03-75	95.0		
09-15-75	42.6		
09-27-75	205.1		
10-09-75	Void		
10-21-75	44.8		
11-02-75	29.5		
11-14-75	40.4		
11-26-75	Void		
12-08-75	Void		
12-20-75	Void		
% Valid Samples	83%		
Geometric mean	56.3		
Arithmetic mean			
BD - Below Detection			

STATION REPORT

Agency: Oklahoma State Dept. of Health

Project: National Air Surveillance Network,
Region VI, State Assumption.

State: Oklahoma

Coop. Organization: Oklahoma State Dept. of Health
Air Quality Section
Tulsa City - County Health Dept.

Site Code: 37-3000-001 F01

Site Location: 4614 East 15th Street
Tulsa, Oklahoma 74112

<u>Sampling Date</u>	<u>NO₂(ug/m³)</u>	<u>SO₂(ug/m³)</u>
07-29-75	Void	Void
08-10-75	Void	Void
08-22-75	Void	Void
09-03-75	63	BD
09-15-75	Void	Void
09-27-75	Void	Void
10-09-75	39	BD
10-21-75	41	BD
11-02-75	20	BD
11-14-75	46	BD
11-26-75	Void	BD
12-08-75	34	BD
12-20-75	5	BD

BD - Below Detection

STATION REPORT

Agency: Environmental Protection Agency

Project: National Air Surveillance Network, Region VI

Site Code: 32-0040-001 P01

Coop. Organization: Environmental Health Department

Site Location: 400 Marquette, N. W.
Albuquerque, New Mexico 87102

<u>Date</u>	<u>Particulate (ug/m³)</u>	<u>NO₂ (ug/m³)</u>	<u>SO₂ (ug/m³)</u>
01-06-75	85.3	48.4	BD
01-18-75	Void	51.2	BD
01-30-75	34.8	Void	Void
02-11-75	Void	Void	Void
02-23-75	63.3	Void	Void
03-07-75	Void	31.8	BD
03-19-75	70.1	24.1	BD
03-31-75	62.4	24.1	BD
04-12-75	24.8	19.9	BD
04-24-75	62.5	Void	Void
05-06-75	49.0	13.2	BD
05-18-75	43.0	11.8	BD
05-30-75	33.1	Void	BD
06-11-75	Void	Void	BD
06-23-75	71.3	30.3	Void
07-05-75	40.2	13.2	BD
07-17-75	45.3	23.6	Void
07-29-75	Void	47.0	Void
08-10-75	Void	NASN State Assumption	
08-22-75	Void		
09-03-75	Void		
09-15-75	Void		
09-27-75	Void		
10-09-75	Void		
10-21-75	96.2		
11-02-75	46.5		
11-14-75	134.1		
11-26-75	Void		
12-08-75	Void		
12-20-75	Void		
% Valid Samples	53%		
Geometric mean	55.0		
Arithmetic mean			
BD - Below Detection			

STATION REPORT

Agency: New Mexico Environmental Improvement Agency

Project: National Air Surveillance Network,
Region VI, State Assumption

State: New Mexico

Coop. Organization: State of New Mexico
Scientific Laboratory System

Site Code: 32-0040-001 H01

Site Location: 400 Marquette, NW
Albuquerque, New Mexico 87102

<u>Sampling Date</u>	<u>NO₂ (ug/m³)</u>	<u>SO₂ (ug/m³)</u>
07-29-75	Void	Void
08-10-75	Void	Void
08-22-75	52.1	BD
09-03-75	17.4	BD
09-09-75	54.9	BD
09-27-75	Void	Void
10-09-75	30.0	BD
10-21-75	40.8	BD
11-02-75	Void	BD
11-14-75	67.6	BD
11-26-75	Void	Void
12-14-75	23.4	BD
12-26-75	53.2	BD

BD - Below detection