

User ID: CGE

RAW DATA REPORT

Report Request ID: 1395051

Report Code: AMP350

Dec. 15, 2015

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
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37

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
CRITERIA	81102		

SELECTED OPTIONS

Option Type	Option Value
RAW DATA EVENTS	INCLUDE EVENTS
DAILY STATISTICS	MAXIMUM
UNITS	STANDARD
MERGE PDF FILES	YES
INCLUDE NULLS	YES
AGENCY ROLE	PQAO

SORT ORDER

Order	Column
1	STATE_CODE
2	COUNTY_CODE
3	SITE_ID
4	PARAMETER_CODE
5	POC

DATE CRITERIA

Start Date	End Date
2013 01 01	2013 12 31

APPLICABLE STANDARDS

Standard Description
PM10 24-hour 2006

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-033-0001 POC: 1  
 COUNTY: (033) Caswell  
 CITY: (00000) Not in a city  
 SITE ADDRESS: 7074 CHERRY GROVE RD, REIDSVILLE  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (37) North Carolina  
 AQCR: (136) NORTHERN PIEDMONT  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: RURAL

CAS NUMBER:  
 LATITUDE: 36.307033  
 LONGITUDE: -79.467417  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 241  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (062) HI-VOL-WEDDING-INLET GRAVIMETRIC  
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: 4

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									16	13		
2								AN				
3		4				9	7					
4	AN			14	13							
5			18									
6											17	8
7									15	6		
8								22				
9		18				19	15					
10	9			29	22							
11			14								12	6
12												
13									11	4		
14								22				
15		7				19	11				10	2
16	5			25	21					14		
17			15									
18									14	18		
19												
20								14				
21		8				21	12					
22	8			13	14							
23			16									
24											9	2
25									19	8		
26								17				
27		6				14	10					
28	26			AI	27							
29			9									
30											16	2
31										AJ		
NO.:	4	5	5	4	5	5	5	4	5	5	5	5
MAX:	26.	18.	18.	29.	27.	21.	15.	22.	19.	18.	17.	8.
MEAN:	12.0	8.6	14.4	20.3	19.4	16.4	11.0	18.8	15.0	9.8	12.8	4.0
ANNUAL OBSERVATIONS:		57		ANNUAL MEAN:	13.4	ANNUAL MAX:	29.					

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (\*\*\*) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-035-0004 POC: 1  
 COUNTY: (035) Catawba  
 CITY: (31060) Hickory  
 SITE ADDRESS: 1650 1ST STREET  
 SITE COMMENTS: DUKE POWER ELECTRIC METER NO 72856943  
 MONITOR COMMENTS:

STATE: (37) North Carolina  
 AQCR: (165) EASTERN MOUNTAIN  
 URBANIZED AREA: (3290) HICKORY, NC  
 LAND USE: INDUSTRIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER:  
 LATITUDE: 35.728889  
 LONGITUDE: -81.365556  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 333  
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (062) HI-VOL-WEDDING-INLET GRAVIMETRIC  
 PQA0: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: 4

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									17	12		
2								21				
3		12				14	15					
4	16			16	13							
5			22									
6											14	9
7									17	AN		
8								AN				
9		14				22	14					
10	18			28	21							
11			20								12	11
12												
13									11	2		
14								28				
15		14				20	22					
16	10			18	21							
17			23									
18											8	10
19									17	19		
20								22				
21		21				21	13					
22	9			14	17							
23			29									
24											7	6
25									18	16		
26								28				
27		14				18	8					
28	29			15	22							
29			17									
30											26	12
31										26		
NO.:	5	5	5	5	5	5	5	4	5	5	5	5
MAX:	29.	21.	29.	28.	22.	22.	22.	28.	18.	26.	26.	12.
MEAN:	16.4	15.0	22.2	18.2	18.8	19.0	14.4	24.8	16.0	15.0	13.4	9.6
ANNUAL OBSERVATIONS:		59		ANNUAL MEAN:	16.8	ANNUAL MAX:	29.					

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (\*\*\*) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-035-0004 POC: 2  
 COUNTY: (035) Catawba  
 CITY: (31060) Hickory  
 SITE ADDRESS: 1650 1ST STREET  
 SITE COMMENTS: DUKE POWER ELECTRIC METER NO 72856943  
 MONITOR COMMENTS:

STATE: (37) North Carolina  
 AQCR: (165) EASTERN MOUNTAIN  
 URBANIZED AREA: (3290) HICKORY, NC  
 LAND USE: INDUSTRIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER:  
 LATITUDE: 35.728889  
 LONGITUDE: -81.365556  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 333  
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (062) HI-VOL-WEDDING-INLET GRAVIMETRIC  
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: 4

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									17	10		
2								18				
3		13				13	15					
4	16			14	13							
5			24									
6											16	11
7									24	11		
8								25				
9		18				19	13					
10	23			28	20							
11			18								14	10
12												
13									9	8		
14								27				
15		14				17	20					
16	12			18	21							
17			23									
18											7	9
19									15	18		
20								19				
21		20				22	AN					
22	9			12	18							
23			26									
24											7	6
25									16	13		
26								21				
27		15				18	10					
28	30			13	22							
29			16									
30											23	10
31										27		
NO.:	5	5	5	5	5	5	4	5	5	6	5	5
MAX:	30.	20.	26.	28.	22.	22.	20.	27.	24.	27.	23.	11.
MEAN:	18.0	16.0	21.4	17.0	18.8	17.8	14.5	22.0	16.2	14.5	13.4	9.2
ANNUAL OBSERVATIONS:		60		ANNUAL MEAN:	16.6		ANNUAL MAX:	30.				

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (\*\*\*) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-051-0009 POC: 1  
 COUNTY: (051) Cumberland STATE: (37) North Carolina  
 CITY: (22920) Fayetteville AQCR: (169) SANDHILLS  
 SITE ADDRESS: 4533 RAEFORD RD URBANIZED AREA: (2560) FAYETTEVILLE, NC  
 SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric s LAND USE: RESIDENTIAL  
 MONITOR COMMENTS: LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 35.041416  
 LONGITUDE: -78.953112  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 63  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (062) HI-VOL-WEDDING-INLET GRAVIMETRIC  
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: 4

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									24	19		
2								17				
3		15				9	15					
4	15			13	13							
5			25									
6											14	AN
7									23	5		
8								17				
9		19				16	14					
10	14			19	22							
11			17								20	17
12												
13									29	14		
14								24				
15		13				AN	16					
16	13			18	27							
17			23									
18											13	13
19									13	14		
20								19				
21		7				16	17					
22	13			12	12							
23			25									
24											10	11
25									12	16		
26								20				
27		12				21	15					
28	24			16	17							
29			16									
30											19	14
31										22		
NO.:	5	5	5	5	5	4	5	5	5	6	5	4
MAX:	24.	19.	25.	19.	27.	21.	17.	24.	29.	22.	20.	17.
MEAN:	15.8	13.2	21.2	15.6	18.2	15.5	15.4	19.4	20.2	15.0	15.2	13.8
ANNUAL OBSERVATIONS:	59		ANNUAL MEAN:		16.6	ANNUAL MAX:		29.				

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (\*\*\*) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-061-0002 POC: 1  
 COUNTY: (061) Duplin  
 CITY: (35460) Kenansville  
 SITE ADDRESS: 328 Limestone Road  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (37) North Carolina  
 AQCR: (170) SOUTHERN COASTAL PLAIN  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 34.954823  
 LONGITUDE: -77.960781  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 34  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (062) HI-VOL-WEDDING-INLET GRAVIMETRIC  
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: 4

Day	MONTH												
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1									21	19			
2													
3													
4													
5													
6											5	9	
7									18	18			
8													
9													
10													
11													
12											10	9	
13									21	18			
14													
15													
16													
17													
18											7	6	
19									15	14			
20								15					
21													
22													
23													
24											7	7	
25									17	7			
26								13					
27													
28													
29													
30											15	11	
31										11			
NO.:	0	0	0	0	0	0	0	0	2	5	6	5	5
MAX:									15.	21.	19.	15.	11.
MEAN:									14.0	18.4	14.5	8.8	8.4

ANNUAL OBSERVATIONS: 23 ANNUAL MEAN: 12.7 ANNUAL MAX: 21.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (\*\*\*) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-063-0015 POC: 7  
 COUNTY: (063) Durham  
 CITY: (19000) Durham  
 SITE ADDRESS: 801 STADIUM DRIVE  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (37) North Carolina  
 AQCR: (166) EASTERN PIEDMONT  
 URBANIZED AREA: (2280) DURHAM, NC  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER:  
 LATITUDE: 36.032944  
 LONGITUDE: -78.905417  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 118  
 PROBE HEIGHT: 13

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (127) R - P Co Partisol Model 2025 Gravi  
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: 4

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	12			11	7				17	14		
2			6					14 V				
3		6				7	12				8	23 V
4	9			14	11				18	18		
5			20					15				
6		13				11	12				14	11 V
7	12			16	9				14	6		
8			8					15				
9		8				16	7 V				15	2
10	13			30	17				22 V	2		
11			16					14				
12		7				18	9				16	12 V
13	13			17	9				20 V	2		
14			6					17				
15		13				13	13 V				18 V	6
16	2			21 V	19				16	10		
17			14					7				
18		10				11 V	AJ				7	6 V
19	14			20	11				17	16		
20			5					9				
21		10				11 V	11				11	17
22	6			11	13				9 V	17		
23			14					18				
24		11				15	16				5	5
25	13 V			12	9				17	8		
26			6					11				
27		7				18	21				2	11
28	20			15	16				10	20		
29			9					24				
30						11	15				16	7
31	2				14					20		
NO.:	11	9	10	10	11	10	9	10	10	11	10	10
MAX:	20.	13.	20.	30.	19.	18.	21.	24.	22.	20.	18.	23.
MEAN:	10.5	9.4	10.4	16.7	12.3	13.1	12.9	14.4	16.0	12.1	11.2	10.0
ANNUAL OBSERVATIONS:		121		ANNUAL MEAN:	12.4		ANNUAL MAX:	30.				

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (\*\*\*) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-067-0022 POC: 1  
 COUNTY: (067) Forsyth  
 CITY: (75000) Winston-Salem  
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE  
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.  
 MONITOR COMMENTS: R&P 1400 A/B CONTINUOUS PM10 R&P 1400 A/B CONTINUOUS PM10

STATE: (37) North Carolina  
 AQCR: (136) NORTHERN PIEDMONT  
 URBANIZED AREA: (9220) WINSTON-SALEM, NC  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 36.110556  
 LONGITUDE: -80.226667  
 UTM ZONE: 17  
 UTM NORTHING: 3996287  
 UTM EASTING: 569604  
 ELEVATION-MSL: 284  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (079) INSTRUMENTAL-R&P SA246B-INLET TEOM  
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JANUARY 2013

DURATION: 1 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: -50

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	11	12	14	14	14	15	16	17	17	16	14	11	13	10	10	12	12	13	10	8	8	6	8	7	24	17.
2	6	7	7	7	6	3	4	6	4	AL	AL	3	4	3	5	5	6	6	7	7	6	7	8	10	22	10.
3	9	9	9	9	9	9	9	10	12	11	AL	AL	16	14	14	15	17	18	20	22	17	23	22	22	22	23.
4	9	8	11	13	9	9	12	11	AL	15	15	6	AT	AT	AT	7	7	9	9	8	8	8	9	6	20	15.
5	8	8	8	9	7	10	9	10	10	6	6	4	4	4	6	7	7	10	13	14	13	15	14	9	24	15.
6	11	13	13	12	11	13	13	13	13	14	12	10	7	7	7	9	8	10	13	7	7	8	9	9	24	14.
7	10	10	10	11	9	11	12	13	17	11	10	9	8	10	10	12	12	15	16	18	18	18	18	17	24	18.
8	18	17	21	18	17	20	25	22	29	21	14	16	13	13	17	17	20	19	21	22	23	24	25	24	24	29.
9	29	23	22	21	19	19	20	23	29	32	32	25	20	20	22	23	21	24	28	26	25	26	25	26	24	32.
10	26	24	22	15	17	20	20	18	6	8	1	0	3	AX	BA	BA	BA	BA	8	10	8	6	8	10	19	26.
11	11	11	11	7	7	10	8	6	5	6	4	3	2	3	6	7	7	7	9	10	10	10	12	12	24	12.
12	12	10	9	6	6	7	8	7	7	8	7	7	7	9	10	13	10	12	14	16	19	10	12	13	24	19.
13	14	16	16	16	16	18	18	17	19	20	16	11	13	12	11	11	12	14	16	16	17	13	14	15	24	20.
14	15	15	14	13	12	12	13	14	14	13	11	11	12	7	9	12	12	12	13	11	4	0	2	2	24	15.
15	0	0	0	0	0	0	1	2	2	1	1	0	0	0	1	1	2	2	2	3	1	2	1	1	24	3.
16	2	2	1	1	0	1	3	2	4	4	1	0	1	2	9	7	5	4	6	9	10	9	6	7	24	10.
17	7	6	7	5	2	3	6	5	6	3	3	2	0	0	2	3	0	2	2	0	AL	AL	AL	5	21	7.
18	4	2	6	6	7	9	12	12	15	13	4	7	8	2	7	8	AL	AL	AL	10	11	11	10	10	21	15.
19	11	11	11	13	13	13	12	11	14	8	20	13	7	5	5	5	7	8	12	15	14	13	12	10	24	20.
20	9	9	9	10	10	10	11	11	10	14	11	8	5	5	6	5	6	7	7	7	9	9	9	11	24	14.
21	12	11	12	16	15	16	13	13	15	24	19	7	4	4	6	6	8	7	4	5	5	4	4	4	24	24.
22	5	4	4	4	4	5	4	3	AL	15	13	5	3	2	4	3	5	6	5	5	6	7	6	7	23	15.
23	8	7	9	9	11	12	11	16	19	15	23	15	9	8	9	AX	BA	BA	BA	BA	14	14	15	16	19	23.
24	16	16	16	16	17	18	19	17	13	23	17	17	13	10	9	7	AL	AL	9	11	11	12	11	11	22	23.
25	12	11	13	11	13	13	12	13	10	11	12	14	15	14	10	8	8	10	10	11	13	14	13	13	24	15.
26	14	14	13	14	15	16	16	16	16	17	6	9	11	16	19	19	15	14	14	16	17	16	9	12	24	19.
27	16	12	14	15	15	16	16	20	20	19	16	26	21	20	18	18	18	19	17	21	19	19	19	18	24	26.
28	19	19	18	20	20	19	19	18	17	20	19	21	19	21	23	25	25	27	28	26	26	23	20	20	24	28.
29	19	21	22	17	14	15	14	14	15	19	21	22	19	21	23	22	17	19	22	20	17	18	16	22	24	23.
30	20	16	13	10	9	11	12	12	12	10	8	6	7	8	10	10	9	14	15	18	14	1	1	0	24	20.
31	1	2	6	1	2	2	3	5	6	6	4	4	3	5	6	6	6	4	5	4	5	7	6	6	24	7.
NO.:	31	31	31	31	31	31	31	31	29	30	29	30	30	29	29	29	27	27	29	30	30	30	30	31		
MAX:	29.	24.	22.	21.	20.	20.	25.	23.	29.	32.	32.	26.	21.	21.	23.	25.	25.	27.	28.	26.	26.	26.	25.	26.		
AVG:	11.7	11.2	11.6	10.9	10.5	11.5	12.0	12.2	13.0	13.4	11.7	9.7	8.9	8.8	10.1	10.4	10.4	11.6	12.2	12.5	12.5	11.8	11.5	11.5		

MONTHLY OBSERVATIONS: 717 MONTHLY MEAN: 11.3 MONTHLY MAX: 32.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-067-0022 POC: 1  
 COUNTY: (067) Forsyth  
 CITY: (75000) Winston-Salem  
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE  
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.  
 MONITOR COMMENTS: R&P 1400 A/B CONTINUOUS PM10 R&P 1400 A/B CONTINUOUS PM10

STATE: (37) North Carolina  
 AQCR: (136) NORTHERN PIEDMONT  
 URBANIZED AREA: (9220) WINSTON-SALEM, NC  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 36.110556  
 LONGITUDE: -80.226667  
 UTM ZONE: 17  
 UTM NORTHING: 3996287  
 UTM EASTING: 569604  
 ELEVATION-MSL: 284  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (079) INSTRUMENTAL-R&P SA246B-INLET TEOM  
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: FEBRUARY 2013

DURATION: 1 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: -50

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM		
1	5	5	3	4	6	8	7	AL	AL	4	14	12	7	4	4	3	3	AL	AL	8	10	6	8	7	20	14.		
2	7	6	7	5	8	11	9	10	10	2	16	7	6	4	4	4	6	6	7	9	12	12	15	8	24	16.		
3	7	7	7	7	7	8	8	8	6	4	6	5	4	3	3	3	3	5	5	5	6	6	6	7	24	8.		
4	7	7	7	6	6	6	7	7	7	8	6	13	8	6	6	6	7	8	10	10	13	13	10	8	24	13.		
5	7	8	8	8	10	10	11	12	13	15	15	12	8	6	8	9	9	10	14	15	14	16	14	17	24	17.		
6	16	14	15	17	15	15	13	AL	AL	AL	AX	BA	BA	BA	BA	BA	BA	7	10	10	11	9	10	10	14	17.		
7	10	11	11	11	12	14	14	16	15	15	15	17	16	15	15	14	16	18	16	13	12	11	9	7	24	18.		
8	6	6	5	5	7	5	5	4	5	5	5	3	3	5	4	3	3	2	10	10	10	11	10	10	24	11.		
9	11	11	11	11	11	11	10	9	14	7	10	5	4	2	2	3	3	6	7	13	10	9	10	10	24	14.		
10	12	12	14	11	10	12	12	14	12	10	11	11	4	3	6	6	6	6	8	10	14	14	8	9	24	14.		
11	9	10	10	11	11	10	10	9	13	15	14	13	8	4	7	7	7	5	5	6	6	6	6	6	24	15.		
12	6	4	1	3	4	5	6	7	7	7	5	2	1	2	5	6	7	6	12	11	15	12	4	4	24	15.		
13	3	4	5	4	6	5	4	6	6	3	5	5	2	1	5	3	4	5	7	7	3	6	8	9	24	9.		
14	10	9	7	6	6	6	8	12	18	11	8	6	5	6	5	8	6	8	9	11	13	14	13	13	24	18.		
15	16	14	12	14	14	17	18	19	22	15	10	7	5	4	4	5	6	7	8	8	13	6	3	3	24	22.		
16	3	3	4	5	4	4	6	6	6	4	7	6	5	6	6	6	6	6	4	5	5	5	6	6	24	7.		
17	6	5	4	4	6	6	6	4	4	11	7	5	4	4	4	5	5	6	5	6	7	11	14	11	24	14.		
18	13	17	16	17	16	15	19	16	18	13	12	8	4	5	4	8	10	9	9	8	8	9	9	8	24	19.		
19	10	9	8	9	8	9	10	10	14	10	7	7	6	6	7	9	9	11	12	12	1	5	2	4	24	14.		
20	4	5	3	4	5	5	7	7	12	11	4	3	2	AX	BA	BA	7	8	9	9	8	7	8	9	21	12.		
21	8	10	10	11	10	10	10	6	10	14	9	5	2	4	6	5	7	11	12	13	9	11	11	14	24	14.		
22	15	10	8	6	6	8	9	9	9	9	10	12	10	12	11	10	12	9	10	8	7	6	6	4	24	15.		
23	6	5	4	8	8	9	5	8	5	6	9	11	12	7	8	8	9	7	7	10	10	13	13	14	24	14.		
24	14	13	11	12	13	10	6	12	10	7	7	5	4	4	6	5	6	7	10	11	10	9	8	10	24	14.		
25	9	10	9	11	18	14	12	11	11	11	12	12	9	9	10	11	10	11	12	12	13	12	10	10	24	18.		
26	10	8	10	9	11	7	8	8	8	5	3	3	1	0	0	4	2	2	4	6	5	5	7	3	24	11.		
27	3	4	4	5	5	6	5	10	6	8	3	3	4	4	6	7	8	8	9	8	8	8	10	8	24	10.		
28	1	4	4	6	6	6	7	8	8	5	5	4	4	6	5	9	7	9	9	8	9	9	8	7	24	9.		
29																										0		
30																											0	
31																											0	
NO.:	28	28	28	28	28	28	28	26	26	27	27	27	27	26	26	26	27	27	27	27	28	28	28	28	28			
MAX:	16.	17.	16.	17.	18.	17.	19.	19.	22.	15.	16.	17.	16.	15.	15.	14.	16.	18.	16.	15.	15.	16.	15.	15.	17.			
AVG:	8.4	8.3	7.8	8.2	8.9	9.0	9.0	9.5	10.3	8.7	8.7	7.5	5.5	5.1	5.8	6.4	6.8	7.5	8.9	9.4	9.4	9.3	8.8	8.4				

MONTHLY OBSERVATIONS: 655 MONTHLY MEAN: 8.2 MONTHLY MAX: 22.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-067-0022 POC: 1  
 COUNTY: (067) Forsyth  
 CITY: (75000) Winston-Salem  
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE  
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.  
 MONITOR COMMENTS: R&P 1400 A/B CONTINUOUS PM10 R&P 1400 A/B CONTINUOUS PM10

STATE: (37) North Carolina  
 AQCR: (136) NORTHERN PIEDMONT  
 URBANIZED AREA: (9220) WINSTON-SALEM, NC  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 36.110556  
 LONGITUDE: -80.226667  
 UTM ZONE: 17  
 UTM NORTHING: 3996287  
 UTM EASTING: 569604  
 ELEVATION-MSL: 284  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (079) INSTRUMENTAL-R&P SA246B-INLET TEOM  
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MARCH 2013

DURATION: 1 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: -50

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	8	7	6	6	6	7	7	7	7	5	2	4	3	2	4	7	6	7	8	7	7	6	7	6	24	8.	
2	6	6	4	4	5	5	6	10	6	5	6	3	4	5	5	6	5	10	11	9	7	6	8	7	24	11.	
3	7	7	6	8	8	7	7	1	9	14	6	8	5	4	7	9	10	11	10	8	7	6	6	7	24	14.	
4	7	6	6	7	7	9	8	9	9	11	12	7	6	5	6	6	6	8	12	11	13	14	13	14	24	14.	
5	14	16	13	12	15	16	14	18	18	19	AX	BA	23	20	22	27	23	21	21	21	17	6	5	3	22	27.	
6	5	5	7	1	2	3	3	6	8	8	8	8	8	7	10	8	10	13	8	7	6	7	7	8	24	13.	
7	9	11	12	9	8	6	7	11	7	11	8	8	8	8	10	10	13	12	10	12	13	13	12	24	13.		
8	14	15	13	13	15	15	14	18	13	12	11	7	7	5	6	7	6	8	11	10	10	11	13	14	24	18.	
9	14	13	9	9	10	10	10	14	9	9	5	3	4	4	3	5	5	7	7	8	9	12	13	15	24	15.	
10	16	15	11	10	10	10	10	12	16	17	14	12	13	9	10	9	8	10	10	13	11	12	11	11	24	17.	
11	10	11	6	4	7	8	8	15	17	21	23	21	20	22	24	34	26	19	20	19	19	17	13	10	24	34.	
12	5	4	4	5	4	3	4	4	4	3	2	2	2	2	2	1	3	5	8	7	7	8	8	7	24	8.	
13	8	8	8	9	7	8	8	8	11	7	8	10	6	6	8	8	7	8	10	9	7	7	8	7	24	11.	
14	7	7	7	7	8	7	7	7	7	12	9	7	6	5	4	5	4	6	8	11	7	9	9	9	24	12.	
15	8	8	7	10	9	11	12	20	15	9	9	AX	BA	12	14	15	15	16	19	19	23	34	37	36	22	37.	
16	34	32	30	28	27	26	26	28	26	24	23	23	23	24	25	27	26	33	24	12	13	13	15	24	34.		
17	17	17	17	16	17	18	21	21	15	16	16	13	15	13	12	12	13	14	17	17	16	14	9	3	24	21.	
18	3	3	3	2	2	2	3	3	3	3	3	2	2	2	2	3	3	2	2	0	1	5	2	3	24	5.	
19	3	3	5	4	4	4	6	8	9	3	3	2	5	3	5	7	7	6	9	11	6	7	5	6	24	11.	
20	7	6	6	7	6	7	8	8	8	6	3	4	3	2	3	3	5	6	6	9	6	6	9	6	24	9.	
21	9	5	5	9	10	10	11	9	11	7	6	11	5	7	10	9	10	13	12	11	10	10	9	10	24	13.	
22	10	10	10	11	12	13	13	10	17	AZ	AX	BA	BA	3	5	7	6	9	11	12	13	15	15	13	20	17.	
23	14	16	16	15	16	17	14	14	17	16	15	13	14	11	15	12	13	14	14	17	18	18	18	21	24	21.	
24	21	25	22	23	22	23	19	18	17	10	11	7	6	4	6	0	0	4	5	4	3	4	4	3	24	25.	
25	3	3	4	2	3	4	6	6	7	3	4	3	4	4	12	6	6	5	6	6	5	5	5	5	24	12.	
26	4	4	4	4	5	6	7	5	10	7	4	7	5	6	7	6	7	8	7	7	8	9	9	10	24	10.	
27	8	7	6	8	7	7	9	9	5	9	8	3	8	4	7	3	6	6	9	7	6	7	8	7	24	9.	
28	8	10	8	7	9	9	10	11	10	13	8	7	7	8	8	5	9	9	12	11	12	13	13	13	24	13.	
29	12	12	13	13	10	13	9	13	12	9	5	6	4	8	6	8	6	10	10	10	15	14	14	13	24	15.	
30	14	16	14	18	18	15	11	12	15	10	10	11	10	10	12	10	10	11	13	13	16	21	18	20	24	21.	
31	22	23	22	24	20	18	18	15	15	22	24	19	15	11	12	10	9	11	10	6	6	6	7	8	24	24.	
NO.:	31	31	31	31	31	31	31	31	31	30	29	28	29	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	34.	32.	30.	28.	27.	26.	26.	28.	26.	24.	24.	23.	23.	23.	24.	34.	27.	26.	33.	24.	23.	34.	37.	36.			
AVG:	10.5	10.7	9.8	9.8	10.0	10.2	10.2	11.3	11.4	10.7	9.2	8.3	8.3	7.6	9.0	9.1	9.1	10.2	11.3	10.7	10.3	10.8	10.5	10.5			

MONTHLY OBSERVATIONS: 736 MONTHLY MEAN: 10.0 MONTHLY MAX: 37.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-067-0022 POC: 1  
 COUNTY: (067) Forsyth  
 CITY: (75000) Winston-Salem  
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE  
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.  
 MONITOR COMMENTS: R&P 1400 A/B CONTINUOUS PM10 R&P 1400 A/B CONTINUOUS PM10

STATE: (37) North Carolina  
 AQCR: (136) NORTHERN PIEDMONT  
 URBANIZED AREA: (9220) WINSTON-SALEM, NC  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 36.110556  
 LONGITUDE: -80.226667  
 UTM ZONE: 17  
 UTM NORTHING: 3996287  
 UTM EASTING: 569604  
 ELEVATION-MSL: 284  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (079) INSTRUMENTAL-R&P SA246B-INLET TEOM  
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2013

DURATION: 1 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: -50

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	7	8	6	6	5	3	9	12	6	6	8	AT	BA	9	11	11	12	11	13	12	14	14	14	14	22	14.	
2	15	14	15	16	15	16	14	15	15	11	10	6	6	7	8	6	6	8	8	9	9	9	9	10	24	16.	
3	10	10	9	11	11	10	11	12	10	11	8	8	9	7	9	8	9	11	11	16	17	13	12	12	24	17.	
4	9	9	10	11	11	12	12	12	13	AX	BA	12	16	13	10	9	7	8	5	3	2	3	4	4	22	16.	
5	4	4	5	4	4	4	8	7	5	4	4	5	6	5	5	6	8	11	13	14	16	16	17	17	24	17.	
6	16	17	17	18	18	17	14	18	22	20	19	19	18	19	18	18	24	24	21	18	18	17	18	18	24	24.	
7	18	20	23	23	20	20	22	26	27	23	19	15	14	14	11	14	14	16	17	17	17	19	23	24	27.		
8	29	24	22	23	21	20	24	22	23	24	21	18	17	15	15	17	17	18	19	24	47	42	28	24	24	47.	
9	25	25	21	22	23	25	24	25	27	28	22	16	18	19	19	24	21	26	24	24	29	29	31	37	24	37.	
10	32	32	35	37	33	29	30	31	29	29	30	29	27	24	22	21	27	28	26	20	19	20	16	18	24	37.	
11	17	15	16	16	17	18	18	16	16	17	16	12	16	15	16	21	25	27	24	20	20	27	17	11	24	27.	
12	14	13	12	0	1	3	10	8	8	10	5	7	10	11	13	17	10	5	5	7	12	9	10	9	24	17.	
13	6	8	7	8	9	9	8	5	9	27	10	14	6	7	7	8	5	7	9	8	10	12	10	10	24	27.	
14	9	8	10	9	12	9	10	7	3	3	8	8	8	8	10	13	13	14	18	16	18	18	23	17	24	23.	
15	9	11	10	8	8	9	9	9	10	11	12	12	13	14	13	20	15	20	16	14	14	12	12	11	24	20.	
16	10	12	12	11	11	11	19	13	22	22	18	15	11	11	11	16	18	19	25	23	22	23	21	22	24	25.	
17	20	18	18	17	17	20	22	22	27	9	10	6	7	2	10	6	9	10	14	15	13	13	15	17	24	27.	
18	19	18	18	16	17	16	18	19	AX	AX	BA	18	17	18	15	13	14	14	17	16	15	17	15	11	21	19.	
19	9	10	9	9	10	13	14	13	14	19	22	21	25	25	27	19	AV	AV	AV	AV	12	9	7	8	20	27.	
20	11	11	9	6	7	5	9	14	21	19	8	7	6	6	7	7	6	7	9	8	10	9	8	9	24	21.	
21	9	8	9	10	11	14	13	18	13	10	12	14	13	10	8	10	9	11	11	12	13	14	13	11	24	18.	
22	11	10	10	9	11	10	23	16	12	11	12	8	7	7	9	7	8	10	11	12	12	13	12	13	24	23.	
23	13	13	14	16	13	10	11	10	16	13	25	14	11	16	11	11	12	12	12	13	12	9	9	24	25.		
24	9	10	11	11	9	11	16	13	13	17	19	23	27	27	28	25	26	24	22	21	19	20	20	18	24	28.	
25	4	0	5	6	7	8	9	13	BE	BA	10	10	9	10	12	12	13	15	18	31	27	24	22	20	22	31.	
26	15	11	11	12	14	16	17	17	17	16	15	12	13	13	14	13	16	18	16	20	24	19	20	18	24	24.	
27	19	18	20	18	19	17	17	20	20	22	19	17	18	18	19	18	20	17	22	19	20	19	19	19	24	22.	
28	18	18	19	20	19	19	16	16	17	19	15	14	12	10	6	5	4	5	6	8	10	8	7	6	24	20.	
29	4	3	4	4	4	7	7	7	7	9	10	11	11	10	11	12	7	10	12	13	13	13	12	10	24	13.	
30	8	10	8	10	10	11	14	10	10	AX	BA	BA	BA	5	6	8	8	6	6	5	5	4	4	4	20	14.	
31																										0	
NO.:	30	30	30	30	30	30	30	30	28	26	27	28	28	30	30	30	29	29	29	29	30	30	30	30	30		
MAX:	32.	32.	35.	37.	33.	29.	30.	31.	29.	29.	30.	29.	27.	27.	28.	25.	27.	28.	26.	31.	47.	42.	31.	37.			
AVG:	13.3	12.9	13.2	12.9	12.9	13.1	14.9	14.9	15.4	15.8	14.3	13.3	13.3	12.5	12.7	13.2	13.2	14.1	14.8	15.1	16.3	15.8	14.8	14.3			

MONTHLY OBSERVATIONS: 703 MONTHLY MEAN: 14.0 MONTHLY MAX: 47.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-067-0022 POC: 1  
 COUNTY: (067) Forsyth  
 CITY: (75000) Winston-Salem  
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE  
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.  
 MONITOR COMMENTS: R&P 1400 A/B CONTINUOUS PM10 R&P 1400 A/B CONTINUOUS PM10

STATE: (37) North Carolina  
 AQCR: (136) NORTHERN PIEDMONT  
 URBANIZED AREA: (9220) WINSTON-SALEM, NC  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 36.110556  
 LONGITUDE: -80.226667  
 UTM ZONE: 17  
 UTM NORTHING: 3996287  
 UTM EASTING: 569604  
 ELEVATION-MSL: 284  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (079) INSTRUMENTAL-R&P SA246B-INLET TEOM  
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2013

DURATION: 1 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: -50

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	4	4	3	3	2	3	3	3	4	8	9	7	11	11	11	14	12	14	15	12	11	11	13	13	24	15.	
2	13	10	9	8	10	10	10	11	9	10	12	9	9	6	7	6	7	6	7	7	10	8	8	5	24	13.	
3	8	8	9	9	9	10	12	10	11	11	14	13	15	18	13	12	12	13	12	15	18	15	16	18	24	18.	
4	15	12	13	12	12	14	13	12	10	13	15	12	12	9	12	10	9	10	7	8	7	6	8	8	24	15.	
5	10	12	10	14	15	15	17	15	15	17	14	10	13	18	17	16	13	13	13	9	8	7	8	6	24	18.	
6	5	3	3	3	3	4	3	4	4	4	1	1	3	3	10	6	5	7	10	9	7	8	5	4	24	10.	
7	3	4	5	6	4	5	9	13	9	8	7	8	6	8	11	11	20	7	6	6	7	7	6	5	24	20.	
8	5	5	6	7	8	9	10	13	9	9	8	9	8	9	10	10	9	12	13	8	9	7	7	6	24	13.	
9	4	4	5	6	7	11	15	12	8	12	8	10	11	10	10	14	11	13	14	21	15	14	15	15	24	21.	
10	14	15	15	13	14	16	21	31	26	17	18	15	18	22	20	17	18	17	22	29	20	17	17	18	24	31.	
11	18	19	19	20	20	21	19	18	18	23	23	15	11	14	10	10	11	10	15	13	6	5	7	7	24	23.	
12	7	8	7	11	11	11	15	16	10	7	12	13	11	11	14	8	7	10	15	9	9	9	9	12	24	16.	
13	10	8	9	18	13	11	17	13	11	9	AX	AX	9	7	9	6	6	9	10	12	14	14	17	22	22	22.	
14	13	12	12	11	12	16	20	23	13	16	13	12	10	14	15	12	13	16	18	17	17	17	15	13	24	23.	
15	14	14	14	17	16	16	18	22	20	22	24	22	20	25	24	24	23	23	23	21	22	21	20	21	24	25.	
16	20	19	20	21	19	18	20	19	19	19	17	17	16	14	21	17	21	21	21	19	22	23	22	20	24	23.	
17	17	18	21	21	20	26	28	32	21	20	15	20	21	25	16	18	23	28	33	27	26	21	21	20	24	33.	
18	18	16	15	16	17	18	17	16	17	18	24	24	18	20	15	14	17	17	17	15	7	8	7	8	24	24.	
19	10	11	11	12	13	14	13	16	18	14	11	7	7	15	13	9	10	9	9	9	11	11	9	8	24	18.	
20	10	11	11	13	12	14	14	14	9	9	13	20	16	3	2	9	9	17	12	10	12	8	11	12	24	20.	
21	12	8	9	15	13	15	18	21	14	21	17	19	15	16	11	24	25	31	30	20	18	16	14	18	24	31.	
22	14	15	15	14	12	14	13	14	13	13	14	15	17	15	16	15	14	12	11	19	19	13	10	13	24	19.	
23	13	13	10	9	9	12	11	8	9	10	12	11	11	9	8	9	12	3	9	12	11	7	8	9	24	13.	
24	7	9	9	12	13	13	18	8	0	7	AX	BA	BA	7	4	9	7	7	15	11	15	12	8	11	21	18.	
25	10	10	11	9	9	8	3	13	7	7	7	8	5	8	6	7	6	2	12	8	9	8	9	12	24	13.	
26	8	9	7	10	12	13	14	10	15	5	5	10	8	13	11	11	11	13	13	11	16	17	30	16	24	30.	
27	14	16	13	11	13	15	15	9	9	12	11	11	13	11	14	13	14	17	16	10	14	15	13	17	24	17.	
28	22	17	14	12	10	16	13	14	15	14	16	18	17	19	16	19	15	19	21	20	21	17	18	17	24	22.	
29	12	10	11	12	11	13	13	16	18	15	16	19	15	8	14	10	11	16	20	18	19	18	17	18	24	20.	
30	16	19	19	19	20	26	17	19	17	15	19	17	12	14	11	9	17	15	21	24	35	50	51	21	24	51.	
31	17	19	26	14	13	18	16	19	15	14	12	12	10	9	7	12	12	12	13	15	22	21	19	20	24	26.	
NO.:	31	31	31	31	31	31	31	31	31	31	29	29	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	22.	19.	26.	21.	20.	26.	28.	32.	26.	23.	24.	24.	21.	25.	24.	24.	25.	31.	33.	29.	35.	50.	51.	22.			
AVG:	11.7	11.5	11.6	12.2	12.0	13.7	14.4	15.0	12.7	12.9	13.3	13.2	12.3	12.6	12.2	12.3	12.9	13.5	15.3	14.3	14.7	13.9	14.1	13.3			

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 13.2 MONTHLY MAX: 51.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-067-0022 POC: 1  
 COUNTY: (067) Forsyth  
 CITY: (75000) Winston-Salem  
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE  
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.  
 MONITOR COMMENTS: R&P 1400 A/B CONTINUOUS PM10 R&P 1400 A/B CONTINUOUS PM10

STATE: (37) North Carolina  
 AQCR: (136) NORTHERN PIEDMONT  
 URBANIZED AREA: (9220) WINSTON-SALEM, NC  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 36.110556  
 LONGITUDE: -80.226667  
 UTM ZONE: 17  
 UTM NORTHING: 3996287  
 UTM EASTING: 569604  
 ELEVATION-MSL: 284  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (079) INSTRUMENTAL-R&P SA246B-INLET TEOM  
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2013

DURATION: 1 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: -50

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	16	15	14	12	11	12	11	14	10	9	6	5	7	10	10	14	11	13	9	14	16	16	17	17	24	17.	
2	15	11	10	11	9	11	11	11	10	14	12	12	11	12	8	8	24	7	12	0	3	10	7	8	24	24.	
3	7	7	6	4	2	6	11	7	11	6	3	8	5	9	12	21	13	12	13	11	15	13	7	12	24	21.	
4	14	15	10	12	14	11	17	21	17	18	19	17	20	21	17	22	19	18	21	18	18	19	18	21	24	22.	
5	21	19	19	20	21	21	23	26	24	20	20	1	13	13	14	18	21	20	9	26	15	17	18	19	24	26.	
6	11	13	12	11	13	10	8	11	10	12	6	9	10	7	3	3	8	3	2	4	9	7	3	4	24	13.	
7	3	5	3	3	4	5	5	0	AX	BA	BA	BA	2	5	4	8	11	8	7	9	11	12	10	9	20	12.	
8	11	12	11	12	11	10	19	16	11	9	6	4	9	8	8	9	8	9	12	14	13	12	13	14	24	19.	
9	15	14	15	16	15	15	20	20	19	19	18	17	18	19	18	18	17	23	17	11	12	13	11	11	24	23.	
10	11	13	15	11	13	14	18	20	16	17	21	26	21	17	19	9	8	6	8	8	9	10	9	10	24	26.	
11	11	13	13	12	14	14	17	13	12	9	11	9	11	11	11	11	9	11	12	12	14	16	16	16	24	17.	
12	16	16	15	17	18	20	24	17	17	23	18	16	24	23	23	24	15	25	20	24	24	24	24	23	24	25.	
13	24	23	23	22	21	25	19	19	22	21	26	29	37	35	36	30	14	17	15	8	10	13	9	4	24	37.	
14	11	10	10	10	11	14	16	14	11	7	8	10	9	12	10	8	8	10	13	25	55	13	17	19	24	55.	
15	17	16	17	16	17	18	17	12	9	10	11	12	11	10	9	12	12	12	17	32	17	21	21	16	24	32.	
16	15	15	16	18	17	16	18	16	14	14	15	16	17	16	18	19	16	19	19	20	19	17	16	17	24	20.	
17	19	20	19	19	18	19	16	18	21	23	15	18	10	13	24	12	14	9	9	11	14	14	13	8	24	24.	
18	7	8	10	14	12	13	12	13	11	11	14	13	13	6	11	6	4	4	6	1	7	7	8	11	24	14.	
19	11	9	10	11	13	19	21	10	8	7	10	15	17	16	12	11	13	14	18	25	20	21	19	18	24	25.	
20	15	16	16	17	18	18	19	14	17	AZ	AX	16	13	17	15	18	13	16	20	17	17	16	15	14	22	20.	
21	14	14	12	15	13	14	19	15	13	13	19	20	17	15	13	13	15	15	15	15	17	15	15	13	24	20.	
22	16	14	15	15	20	17	10	11	12	11	11	9	9	16	15	5	8	6	12	12	16	18	15	12	24	20.	
23	10	14	11	10	9	17	19	9	13	9	7	10	4	6	6	13	23	8	6	7	14	13	12	10	24	23.	
24	12	13	11	13	13	22	16	23	26	22	21	15	14	12	11	10	25	17	12	16	14	15	15	15	24	26.	
25	15	15	14	14	15	23	20	23	22	23	19	12	13	11	12	17	15	26	22	25	24	21	21	17	24	26.	
26	16	15	12	14	15	17	17	19	27	19	19	19	21	17	20	19	27	13	15	11	14	19	15	16	24	27.	
27	13	18	15	19	29	29	32	24	17	7	11	16	16	15	16	17	21	18	19	22	18	17	17	14	24	32.	
28	14	13	13	14	13	21	25	10	16	22	19	23	21	20	23	15	17	4	15	8	31	16	9	7	24	31.	
29	14	9	11	13	12	15	24	10	12	16	13	9	17	20	15	16	20	20	22	18	20	23	20	18	24	24.	
30	18	20	18	24	23	22	21	19	15	16	13	17	17	13	17	6	17	3	12	9	5	8	7	7	24	24.	
31																										0	
NO.:	30	30	30	30	30	30	30	29	28	28	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	24.	23.	23.	24.	29.	29.	32.	30.	27.	23.	26.	29.	37.	35.	36.	30.	27.	26.	22.	32.	55.	24.	24.	23.			
AVG:	13.7	13.8	13.2	14.0	14.5	16.3	17.5	15.2	15.3	14.5	14.0	13.9	14.2	14.2	14.3	13.7	14.9	12.9	13.6	14.4	16.4	15.2	13.9	13.3			

MONTHLY OBSERVATIONS: 714 MONTHLY MEAN: 14.5 MONTHLY MAX: 55.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-067-0022 POC: 1  
 COUNTY: (067) Forsyth  
 CITY: (75000) Winston-Salem  
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE  
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.  
 MONITOR COMMENTS: R&P 1400 A/B CONTINUOUS PM10 R&P 1400 A/B CONTINUOUS PM10

STATE: (37) North Carolina  
 AQCR: (136) NORTHERN PIEDMONT  
 URBANIZED AREA: (9220) WINSTON-SALEM, NC  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 36.110556  
 LONGITUDE: -80.226667  
 UTM ZONE: 17  
 UTM NORTHING: 3996287  
 UTM EASTING: 569604  
 ELEVATION-MSL: 284  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (079) INSTRUMENTAL-R&P SA246B-INLET TEOM  
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2013

DURATION: 1 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: -50

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	2	8	9	8	7	9	10	6	4	7	3	4	11	6	8	12	1	3	8	4	9	7	5	9	24	12.	
2	5	8	7	10	15	15	13	14	9	11	7	3	3	9	6	15	8	9	11	13	11	11	10	9	24	15.	
3	8	10	10	12	17	16	21	21	16	13	AX	AT	BA	11	10	11	6	9	13	9	12	15	11	21	21.		
4	14	12	18	13	19	15	18	16	12	15	12	12	14	13	11	9	10	11	15	13	39	42	20	21	24	42.	
5	13	16	15	13	19	10	18	12	13	13	13	14	10	10	8	9	21	10	9	5	12	13	7	24	21.		
6	12	9	7	12	15	8	18	10	15	10	14	11	10	9	10	10	9	12	16	16	8	12	8	14	24	18.	
7	8	12	14	13	14	18	14	18	14	10	13	12	13	13	12	10	10	11	12	5	8	8	8	24	18.		
8	3	7	10	6	6	11	10	11	5	11	7	10	9	7	7	8	8	10	12	12	11	14	14	14	24	14.	
9	10	13	11	13	14	14	17	12	12	14	12	11	8	8	8	12	9	13	14	14	13	8	10	9	24	17.	
10	6	7	7	10	10	8	12	10	11	11	11	8	6	7	10	12	10	8	13	7	9	12	7	6	24	13.	
11	8	10	12	12	9	12	12	15	13	13	12	13	11	11	12	8	9	8	10	10	8	10	11	7	24	15.	
12	7	9	8	11	11	11	13	10	5	5	7	8	10	8	AL	9	10	8	9	7	9	10	12	11	23	13.	
13	6	15	16	19	17	14	19	10	6	14	15	18	11	14	12	13	13	10	12	8	7	9	7	7	24	19.	
14	6	10	15	12	16	20	21	27	25	21	20	19	25	15	19	19	15	12	9	11	13	6	13	4	24	27.	
15	8	9	6	9	10	7	10	9	11	AX	AX	12	11	18	16	16	11	10	9	12	12	13	17	10	22	18.	
16	17	9	11	15	15	17	19	19	18	15	14	14	12	15	22	18	9	3	13	12	19	20	13	12	24	22.	
17	14	15	12	12	14	12	20	19	25	33	29	35	27	20	20	20	13	19	13	13	14	17	15	13	24	35.	
18	13	13	15	13	17	20	22	28	24	25	AX	BA	20	20	19	21	24	22	28	26	27	21	20	21	22	28.	
19	20	21	22	21	22	21	23	21	22	22	19	16	15	15	14	13	15	16	16	14	18	16	15	13	24	23.	
20	11	10	9	9	7	8	8	12	14	17	18	20	23	8	10	19	12	8	12	11	11	11	9	11	24	23.	
21	11	11	13	13	15	13	12	11	13	15	15	14	12	12	9	12	14	10	11	8	7	10	11	10	24	15.	
22	8	9	8	11	19	12	13	10	12	15	11	10	12	11	12	10	9	10	12	14	12	9	11	11	24	19.	
23	12	9	6	5	5	6	8	9	12	16	9	10	11	10	9	8	9	10	14	13	15	17	18	17	24	18.	
24	15	16	17	18	19	22	22	18	11	13	14	14	14	13	13	15	13	17	14	14	18	17	17	16	24	22.	
25	11	10	4	9	12	13	13	11	11	13	15	19	15	15	14	15	14	15	16	15	16	19	15	16	24	19.	
26	19	18	19	16	12	14	12	13	12	13	14	17	14	14	15	18	16	17	18	17	19	13	20	13	24	20.	
27	16	13	21	19	19	19	19	19	16	17	16	15	6	4	0	2	3	4	3	8	7	6	9	12	24	21.	
28	8	12	12	13	12	15	13	14	17	20	17	14	20	18	14	11	18	24	14	14	14	14	14	14	24	24.	
29	17	14	10	9	10	14	17	9	8	8	13	12	10	7	11	7	8	6	10	13	13	16	10	14	24	17.	
30	9	10	14	11	11	7	9	12	13	13	12	10	19	19	17	19	17	17	17	19	20	18	24	15	24	24.	
31	24	17	21	23	17	20	21	14	20	30	25	23	19	17	17	12	12	19	20	7	12	9	12	11	24	30.	
NO.:	31	31	31	31	31	31	31	31	31	30	28	29	30	31	30	31	31	31	31	31	31	31	31	31	31		
MAX:	24.	21.	22.	23.	22.	22.	23.	28.	25.	33.	29.	35.	27.	20.	22.	21.	24.	24.	28.	26.	39.	42.	24.	21.			
AVG:	11.0	11.7	12.2	12.6	13.7	13.6	15.4	14.2	13.5	15.1	13.8	13.7	13.5	12.2	12.2	12.6	11.1	12.0	12.9	12.0	13.3	13.5	13.0	11.8			

MONTHLY OBSERVATIONS: 736 MONTHLY MEAN: 12.9 MONTHLY MAX: 42.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-067-0022 POC: 1  
 COUNTY: (067) Forsyth  
 CITY: (75000) Winston-Salem  
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE  
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.  
 MONITOR COMMENTS: R&P 1400 A/B CONTINUOUS PM10 R&P 1400 A/B CONTINUOUS PM10

STATE: (37) North Carolina  
 AQCR: (136) NORTHERN PIEDMONT  
 URBANIZED AREA: (9220) WINSTON-SALEM, NC  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 36.110556  
 LONGITUDE: -80.226667  
 UTM ZONE: 17  
 UTM NORTHING: 3996287  
 UTM EASTING: 569604  
 ELEVATION-MSL: 284  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (079) INSTRUMENTAL-R&P SA246B-INLET TEOM  
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: AUGUST 2013

DURATION: 1 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: -50

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	10	10	10	12	13	15	16	18	AX	BA	8	4	5	5	4	3	8	10	9	9	10	10	5	7	22	18.	
2	9	10	8	10	9	10	12	22	13	9	11	12	16	16	14	11	9	12	14	14	19	20	19	19	24	22.	
3	20	19	16	18	17	16	23	36	28	21	16	15	18	16	13	10	11	12	12	18	15	13	14	16	24	36.	
4	13	14	16	16	12	10	10	14	11	11	8	8	12	11	9	10	12	15	19	15	16	15	14	14	24	19.	
5	13	12	13	13	13	15	15	14	16	18	20	20	21	15	16	16	18	18	18	18	19	17	20	21	24	21.	
6	18	14	10	9	10	11	15	17	15	13	12	10	10	9	6	6	11	9	12	12	14	12	13	12	24	18.	
7	12	14	17	17	17	17	17	18	17	12	13	10	12	8	9	14	13	15	14	13	14	14	14	13	24	18.	
8	14	15	12	13	14	12	10	10	12	17	12	13	15	13	15	14	16	13	15	15	18	20	19	16	24	20.	
9	16	17	16	16	17	19	24	17	20	16	20	21	11	14	15	7	6	15	5	10	8	6	6	8	24	24.	
10	10	11	11	10	12	13	18	11	14	16	16	10	11	14	12	7	11	8	8	10	12	13	11	10	24	18.	
11	10	11	13	10	8	9	11	10	5	6	10	14	18	18	18	16	20	22	13	14	15	13	12	13	24	22.	
12	13	12	13	12	13	13	20	17	11	18	17	19	14	15	21	19	24	23	24	18	19	5	5	7	24	24.	
13	9	8	9	10	8	13	20	25	14	12	12	14	14	11	12	9	9	8	6	8	7	9	12	15	24	25.	
14	16	18	21	21	23	26	22	17	AX	BA	12	12	11	12	12	9	13	15	14	15	15	15	15	16	22	26.	
15	16	15	15	13	13	13	13	13	8	6	5	5	7	7	9	9	10	12	14	15	13	11	14	24	16.		
16	12	10	11	11	11	11	12	12	11	11	11	12	11	10	8	10	9	11	13	14	15	13	13	11	24	15.	
17	12	11	12	10	10	11	12	11	11	11	9	9	10	7	8	5	6	4	7	8	8	6	5	4	24	12.	
18	3	2	3	3	4	5	4	3	1	2	3	2	2	3	1	3	4	6	8	7	6	5	6	5	24	8.	
19	4	4	6	5	5	5	4	4	3	7	7	7	10	6	4	2	3	4	5	7	9	9	10	12	24	12.	
20	11	12	16	14	10	7	8	13	22	9	7	9	10	8	10	9	7	10	11	9	9	15	14	13	24	22.	
21	16	16	16	15	14	16	17	20	17	13	13	10	10	14	12	10	8	9	11	12	12	16	13	13	24	20.	
22	12	11	14	12	9	10	9	8	4	7	5	10	10	8	9	11	12	14	15	19	18	11	11	10	24	19.	
23	10	10	15	16	19	22	21	29	20	15	20	17	22	18	18	17	14	19	19	10	10	7	12	12	24	29.	
24	11	12	15	14	13	14	17	16	23	10	8	9	6	7	7	9	9	10	17	14	13	11	12	11	24	23.	
25	11	11	11	13	12	13	15	9	13	12	10	8	8	10	9	11	12	13	18	16	17	16	16	14	24	18.	
26	13	12	14	13	14	14	22	27	12	6	9	8	8	10	8	13	16	16	14	17	17	17	16	13	24	27.	
27	14	16	17	16	18	17	22	19	21	23	25	28	30	26	31	37	34	31	33	34	34	35	31	28	24	37.	
28	31	30	29	29	32	31	37	42	35	36	AX	BA	24	24	28	27	27	28	27	27	27	28	26	26	22	42.	
29	25	25	24	25	26	25	27	28	25	23	21	19	19	14	16	16	13	13	14	15	14	15	15	15	24	28.	
30	15	14	14	15	14	16	18	15	11	14	8	13	21	12	14	13	12	15	14	15	15	14	16	12	24	21.	
31	13	13	12	13	14	14	15	17	21	26	12	16	21	18	22	20	5	10	8	9	9	10	11	13	24	26.	
NO.:	31	31	31	31	31	31	31	31	29	29	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	31.	30.	29.	29.	32.	31.	37.	42.	35.	36.	25.	28.	30.	26.	31.	37.	34.	31.	33.	34.	34.	35.	31.	28.			
AVG:	13.3	13.2	13.8	13.7	13.7	14.3	16.3	17.2	15.0	13.8	12.0	12.1	13.5	12.2	12.6	12.0	12.3	13.5	13.8	14.1	14.5	13.6	13.5	13.3			

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 13.6 MONTHLY MAX: 42.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-067-0022 POC: 1  
 COUNTY: (067) Forsyth  
 CITY: (75000) Winston-Salem  
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE  
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.  
 MONITOR COMMENTS: R&P 1400 A/B CONTINUOUS PM10 R&P 1400 A/B CONTINUOUS PM10

STATE: (37) North Carolina  
 AQCR: (136) NORTHERN PIEDMONT  
 URBANIZED AREA: (9220) WINSTON-SALEM, NC  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 36.110556  
 LONGITUDE: -80.226667  
 UTM ZONE: 17  
 UTM NORTHING: 3996287  
 UTM EASTING: 569604  
 ELEVATION-MSL: 284  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (079) INSTRUMENTAL-R&P SA246B-INLET TEOM  
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2013

DURATION: 1 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: -50

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	13	10	9	9	9	8	11	12	9	9	12	15	12	25	18	14	15	12	12	11	8	9	10	10	24	25.	
2	10	11	12	11	5	4	4	7	9	4	8	10	12	14	18	15	17	20	22	23	22	23	21	22	24	23.	
3	19	13	15	14	15	16	23	21	22	13	13	16	17	4	16	14	5	23	14	14	13	14	14	15	24	23.	
4	13	15	15	16	15	16	14	10	15	10	14	17	14	11	17	11	12	21	19	25	19	18	14	16	24	25.	
5	15	17	14	13	12	16	21	13	5	3	7	9	4	8	5	8	12	22	18	17	18	13	9	15	24	22.	
6	15	15	14	17	14	13	13	5	8	5	9	15	14	15	16	18	21	23	21	18	17	17	14	13	24	23.	
7	12	12	12	14	11	15	13	12	18	15	16	16	15	20	20	14	21	24	22	21	23	25	21	20	24	25.	
8	20	19	18	18	16	14	19	16	8	15	19	22	28	30	25	27	23	37	31	32	33	33	32	32	24	37.	
9	30	28	27	27	29	25	26	23	24	24	24	26	30	AZ	AX	BA	BA	BA	23	24	23	24	29	27	19	30.	
10	23	22	23	22	20	21	24	25	24	25	26	21	21	20	20	20	19	22	21	25	24	22	20	17	24	26.	
11	18	19	22	21	20	23	23	25	22	18	20	15	19	20	24	21	25	21	19	17	16	15	18	16	24	25.	
12	15	17	16	16	18	19	22	20	10	16	19	21	24	30	22	24	19	17	11	12	12	52	10	11	24	52.	
13	11	10	8	8	9	8	11	12	15	15	16	16	14	13	10	9	10	9	11	10	11	10	10	8	24	16.	
14	8	7	7	8	8	8	10	9	20	7	7	7	7	8	9	12	11	14	13	17	15	15	14	12	24	20.	
15	12	12	10	9	9	9	10	9	10	10	11	10	12	11	14	13	15	17	15	19	18	16	15	14	24	19.	
16	13	14	16	15	12	14	18	21	18	17	12	12	13	16	16	19	19	23	21	17	15	14	10	11	24	23.	
17	9	11	10	10	10	10	10	10	10	9	10	6	7	8	8	9	9	13	15	13	13	10	8	8	24	15.	
18	8	8	8	8	8	9	10	10	8	6	8	9	11	12	15	17	19	19	18	22	18	14	15	11	24	22.	
19	12	10	8	14	11	14	13	18	16	16	17	16	17	16	17	22	20	17	17	17	17	17	17	19	24	22.	
20	19	17	20	16	18	20	21	23	21	21	23	27	27	21	21	27	28	21	19	20	20	17	16	17	24	28.	
21	19	18	17	17	19	20	21	24	28	28	21	15	13	15	11	10	11	9	0	3	2	1	1	1	24	28.	
22	3	2	5	4	4	6	8	6	7	9	8	8	7	7	9	9	10	13	10	11	11	14	7	9	24	14.	
23	8	8	7	8	10	8	5	7	5	AX	BA	3	5	7	6	7	7	8	9	13	11	11	10	10	22	13.	
24	10	11	10	10	11	13	12	12	12	12	12	10	11	12	11	12	12	11	14	15	15	13	13	13	24	15.	
25	12	13	12	11	12	13	14	15	14	14	16	16	19	16	13	14	13	14	17	18	15	15	15	14	24	19.	
26	14	13	13	12	12	12	13	15	15	12	12	14	12	11	11	10	12	9	10	9	9	10	10	9	24	15.	
27	9	9	8	9	9	9	10	12	14	13	8	AT	BA	BA	6	8	11	12	13	12	12	11	11	10	21	14.	
28	9	10	8	9	9	10	7	6	9	7	10	7	10	9	10	8	14	10	9	9	7	8	5	6	24	14.	
29	8	5	6	5	6	6	6	6	5	6	4	6	9	5	10	10	10	8	9	9	9	9	9	12	24	12.	
30	9	7	7	6	6	7	9	12	25	13	5	7	10	11	9	12	14	17	15	24	17	12	15	12	24	25.	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	29	29	29	29	28	29	29	29	29	30	30	30	30	30	30	30		
MAX:	30.	28.	27.	27.	29.	25.	26.	25.	28.	28.	26.	27.	30.	30.	25.	27.	28.	37.	31.	32.	33.	52.	32.	32.			
AVG:	13.2	12.8	12.6	12.6	12.2	12.9	14.0	13.9	14.2	12.8	13.3	13.5	14.3	14.1	14.0	14.1	15.0	16.9	15.6	16.6	15.4	16.1	13.8	13.7			

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: 14.1 MONTHLY MAX: 52.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*\*") indicates that the region has reviewed the value and does not concur with the qualifier.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-067-0022 POC: 1  
 COUNTY: (067) Forsyth  
 CITY: (75000) Winston-Salem  
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE  
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.  
 MONITOR COMMENTS: R&P 1400 A/B CONTINUOUS PM10 R&P 1400 A/B CONTINUOUS PM10

STATE: (37) North Carolina  
 AQCR: (136) NORTHERN PIEDMONT  
 URBANIZED AREA: (9220) WINSTON-SALEM, NC  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 36.110556  
 LONGITUDE: -80.226667  
 UTM ZONE: 17  
 UTM NORTHING: 3996287  
 UTM EASTING: 569604  
 ELEVATION-MSL: 284  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (079) INSTRUMENTAL-R&P SA246B-INLET TEOM  
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2013

DURATION: 1 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: -50

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	13	13	14	14	15	15	16	16	8	10	6	10	11	11	13	9	15	14	16	16	17	18	17	16	16	24	18.
2	13	10	11	11	11	12	15	20	11	8	8	9	8	8	9	10	14	15	16	19	18	16	15	13	24	20.	
3	13	13	14	13	12	17	16	20	21	29	9	9	13	5	13	15	16	14	17	22	19	17	16	18	24	29.	
4	19	18	17	16	16	18	20	23	17	8	10	15	10	13	15	11	21	24	22	23	23	23	23	20	24	24.	
5	21	19	18	20	19	17	18	24	20	11	13	18	14	12	16	11	20	18	19	20	21	22	19	18	24	24.	
6	17	15	19	19	17	17	17	21	16	14	16	14	14	13	9	6	10	7	9	5	6	6	9	10	24	21.	
7	7	5	4	5	3	3	6	3	2	3	6	AX	BA	BA	2	3	2	2	4	4	7	6	5	5	21	7.	
8	4	5	5	5	7	7	9	8	6	3	10	7	5	6	5	8	4	8	6	7	4	5	5	4	24	10.	
9	5	5	5	5	6	6	6	5	4	4	6	14	8	9	6	14	13	11	11	10	9	6	5	4	24	14.	
10	5	6	5	6	6	6	8	9	6	5	3	2	3	2	3	3	3	4	3	3	4	4	5	4	24	9.	
11	4	4	8	2	5	8	8	8	12	7	7	5	7	7	8	7	10	11	9	8	7	8	7	6	24	12.	
12	6	5	5	5	5	5	5	4	25	9	9	4	2	6	4	4	4	6	4	5	3	4	2	3	24	25.	
13	3	1	3	3	1	2	4	1	3	7	7	3	6	6	8	5	4	3	8	2	6	1	4	5	24	8.	
14	3	1	2	2	4	6	8	10	6	5	10	7	10	12	9	8	8	9	8	7	9	7	5	7	24	12.	
15	7	9	9	9	9	9	10	11	11	10	18	15	15	18	14	22	18	20	25	18	16	14	12	12	24	25.	
16	13	12	13	12	14	14	15	17	21	11	11	11	9	9	12	11	12	15	14	16	17	16	17	15	24	21.	
17	16	17	16	16	15	16	18	21	18	16	15	16	14	15	15	18	16	13	13	11	10	8	8	5	24	21.	
18	7	4	4	2	3	4	6	9	6	4	3	1	5	7	9	10	15	13	14	11	13	12	11	13	24	15.	
19	11	11	12	12	12	12	13	12	12	12	14	15	18	19	18	17	18	17	15	14	15	14	9	10	24	19.	
20	9	5	4	2	2	4	3	AL	AL	6	4	4	2	5	3	7	9	11	14	11	9	12	9	22	14.		
21	8	8	7	9	12	10	10	AX	AX	AX	AX	14	10	9	7	11	13	16	13	17	10	19	16	22	20	22.	
22	11	17	13	10	19	10	20	13	34	11	9	6	8	10	13	14	17	16	19	20	23	26	18	18	24	34.	
23	19	17	18	17	13	13	15	9	AL	AL	5	5	7	8	12	22	25	13	5	5	4	2	5	22	25.		
24	4	5	6	7	7	6	7	AL	11	19	6	7	10	4	11	11	10	15	10	7	7	8	9	10	23	19.	
25	8	7	9	10	9	9	10	9	12	12	6	4	7	6	7	11	10	11	7	8	9	9	8	9	24	12.	
26	8	9	9	8	7	7	8	7	7	10	6	8	7	7	8	10	16	12	9	11	12	13	12	13	24	16.	
27	13	13	14	13	14	14	14	14	17	15	15	13	14	14	15	16	18	20	24	22	22	22	23	21	24	24.	
28	21	19	19	20	19	24	24	24	22	25	AT	AT	AT	AT	AT	AT	18	22	21	24	24	27	21	20	18	27.	
29	21	20	20	23	21	22	22	22	16	10	11	8	8	17	8	14	17	22	17	16	16	17	18	18	24	23.	
30	17	16	16	18	18	19	17	19	16	17	14	16	20	15	16	17	18	19	22	22	20	19	20	19	24	22.	
31	21	20	18	17	18	20	21	22	23	19	19	18	17	18	21	18	20	24	21	18	18	18	15	11	24	24.	
NO.:	31	31	31	31	31	31	31	28	28	29	29	29	29	29	30	30	31	31	31	31	31	31	31	31	31		
MAX:	21.	20.	20.	23.	21.	24.	24.	24.	34.	29.	19.	18.	20.	19.	21.	22.	25.	24.	24.	24.	27.	23.	23.	22.			
AVG:	11.2	10.6	10.9	10.7	10.9	11.4	12.5	13.6	13.7	11.0	9.5	9.6	9.7	10.0	10.3	11.4	13.4	13.6	13.3	13.1	12.9	12.8	11.9	11.7			

MONTHLY OBSERVATIONS: 726 MONTHLY MEAN: 11.7 MONTHLY MAX: 34.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-067-0022 POC: 1  
 COUNTY: (067) Forsyth  
 CITY: (75000) Winston-Salem  
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE  
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.  
 MONITOR COMMENTS: R&P 1400 A/B CONTINUOUS PM10 R&P 1400 A/B CONTINUOUS PM10

STATE: (37) North Carolina  
 AQCR: (136) NORTHERN PIEDMONT  
 URBANIZED AREA: (9220) WINSTON-SALEM, NC  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 36.110556  
 LONGITUDE: -80.226667  
 UTM ZONE: 17  
 UTM NORTHING: 3996287  
 UTM EASTING: 569604  
 ELEVATION-MSL: 284  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (079) INSTRUMENTAL-R&P SA246B-INLET TEOM  
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2013

DURATION: 1 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: -50

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	8	7	10	8	7	5	7	11	AX	BA	5	5	3	5	3	0	4	3	5	4	7	8	8	8	22	11.	
2	8	8	9	7	3	3	4	6	7	6	3	3	4	5	5	7	7	5	8	6	7	6	7	6	24	9.	
3	8	7	9	9	9	9	8	11	10	14	5	0	6	2	8	5	10	10	5	0	1	6	5	5	24	14.	
4	7	8	7	5	6	7	9	9	8	5	AT	AT	AT	AT	AT	AT	AT	11	7	11	11	10	11	13	17	13.	
5	12	10	8	9	8	9	15	12	12	10	10	22	15	18	20	23	20	17	23	15	11	10	11	12	24	23.	
6	13	14	14	14	15	17	20	20	15	15	8	12	11	11	14	10	14	15	18	15	16	16	16	17	24	20.	
7	15	15	15	11	12	13	15	18	16	17	19	19	16	8	3	3	6	5	6	5	5	6	6	7	24	19.	
8	7	7	8	7	8	8	8	6	14	18	8	6	8	8	8	10	13	13	15	12	14	14	13	24	18.		
9	14	14	14	13	14	14	13	13	18	27	16	8	8	10	12	11	14	14	13	17	17	18	18	16	24	27.	
10	16	17	17	17	18	18	15	13	10	10	8	8	7	7	9	7	10	11	11	8	12	10	9	9	24	18.	
11	8	8	8	9	8	8	9	7	12	28	8	8	10	10	13	13	14	13	16	15	14	16	17	18	24	28.	
12	17	16	16	16	15	18	18	21	25	20	17	17	11	7	11	10	7	2	1	3	1	2	5	6	24	25.	
13	5	5	5	6	6	6	7	13	7	1	5	18	6	7	5	8	7	7	20	7	10	14	16	15	24	20.	
14	15	13	12	11	13	13	14	15	23	31	21	11	10	10	9	15	20	27	29	25	20	16	17	16	24	31.	
15	15	17	18	17	17	19	18	20	24	27	16	15	13	AX	20	23	20	18	19	20	23	23	23	17	23	27.	
16	17	17	16	15	16	15	16	15	15	16	19	17	17	12	10	15	15	19	23	24	27	29	27	25	24	29.	
17	17	17	9	8	7	6	7	9	6	5	7	7	8	8	8	7	11	12	9	3	6	6	4	24	17.		
18	3	2	2	2	2	5	5	8	11	4	5	5	8	4	6	4	6	9	7	6	7	7	6	4	24	11.	
19	5	4	4	4	6	9	8	8	AL	AL	AL	9	4	5	6	7	10	12	8	7	8	9	8	9	21	12.	
20	8	7	8	7	7	5	7	8	13	6	15	14	5	6	8	10	8	8	7	9	8	9	9	13	24	15.	
21	11	13	12	13	12	14	9	12	11	12	21	22	17	15	18	19	19	19	22	18	20	19	17	18	24	22.	
22	18	18	17	15	16	18	18	18	17	30	40	AX	BA	17	18	14	12	9	10	10	10	11	10	10	22	40.	
23	12	12	12	10	8	8	3	1	2	0	1	1	3	2	2	4	5	7	6	6	7	9	10	9	24	12.	
24	8	8	7	5	4	2	2	3	8	5	9	10	3	3	4	5	3	4	3	6	6	7	7	7	24	10.	
25	6	6	7	5	6	7	7	9	9	9	13	7	12	8	10	9	10	9	13	17	13	12	13	10	24	17.	
26	16	11	9	9	12	10	8	7	7	7	3	1	0	2	1	3	1	2	2	3	1	0	2	4	24	16.	
27	3	3	1	2	2	1	2	3	5	4	7	9	6	7	8	7	7	5	5	4	5	5	5	6	24	9.	
28	7	7	8	8	7	8	8	11	10	6	13	12	9	8	5	9	8	5	8	11	16	17	16	16	24	17.	
29	18	15	17	17	19	17	16	22	18	7	10	16	6	6	11	9	10	8	13	11	12	13	13	12	24	22.	
30	14	15	14	14	13	14	14	15	17	13	19	20	12	11	10	11	14	15	18	19	22	21	19	21	24	22.	
31																										0	
NO.:	30	30	30	30	30	30	30	30	28	28	28	28	28	28	29	29	29	30	30	30	30	30	30	30	30		
MAX:	18.	18.	18.	17.	19.	19.	20.	22.	25.	31.	40.	22.	17.	18.	20.	23.	20.	27.	29.	25.	27.	29.	27.	25.			
AVG:	11.0	10.7	10.4	9.8	9.9	10.2	10.3	11.5	12.5	12.6	11.8	10.8	8.5	7.9	9.1	9.6	10.3	10.4	11.7	10.9	11.1	11.6	11.7	11.5			

MONTHLY OBSERVATIONS: 705 MONTHLY MEAN: 10.7 MONTHLY MAX: 40.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-067-0022 POC: 1  
 COUNTY: (067) Forsyth  
 CITY: (75000) Winston-Salem  
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE  
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.  
 MONITOR COMMENTS: R&P 1400 A/B CONTINUOUS PM10 R&P 1400 A/B CONTINUOUS PM10

STATE: (37) North Carolina  
 AQCR: (136) NORTHERN PIEDMONT  
 URBANIZED AREA: (9220) WINSTON-SALEM, NC  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 36.110556  
 LONGITUDE: -80.226667  
 UTM ZONE: 17  
 UTM NORTHING: 3996287  
 UTM EASTING: 569604  
 ELEVATION-MSL: 284  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (079) INSTRUMENTAL-R&P SA246B-INLET TEOM  
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2013

DURATION: 1 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: -50

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	19	20	23	23	20	19	20	20	21	19	14	12	12	11	10	10	13	14	18	19	21	25	24	20	24	25.	
2	25	23	21	22	24	26	27	30	37	26	20	14	15	13	11	13	14	16	18	19	21	23	22	23	24	37.	
3	20	21	21	23	23	24	23	25	26	28	29	24	13	13	15	18	19	19	20	19	17	20	22	21	24	29.	
4	20	22	21	19	18	20	23	21	20	21	18	17	13	13	17	19	17	19	18	14	14	15	18	15	24	23.	
5	12	11	12	12	9	7	9	10	13	13	12	10	2	8	6	11	11	10	7	7	8	8	9	8	24	13.	
6	7	8	9	9	11	14	14	14	14	AX	BA	8	9	8	11	8	11	11	10	10	11	12	13	16	22	16.	
7	7	5	4	3	1	0	2	2	1	0	1	4	6	3	2	2	3	3	1	0	4	5	6	6	24	7.	
8	6	7	8	6	7	6	7	8	8	9	7	6	5	6	5	4	4	4	5	4	5	4	5	4	5	24	9.
9	5	6	4	4	4	0	5	3	4	4	4	4	3	5	4	4	6	5	6	6	6	4	2	4	24	6.	
10	3	6	5	6	5	3	4	4	3	5	6	5	4	5	5	6	6	7	5	3	5	8	9	10	24	10.	
11	9	10	11	11	12	12	11	13	24	15	12	5	18	5	6	7	7	7	8	9	9	8	9	9	24	24.	
12	10	6	8	6	7	7	8	10	7	15	17	10	8	6	6	7	6	6	8	10	10	12	11	12	24	17.	
13	11	14	13	12	11	15	18	18	14	24	AL	AL	6	6	8	8	9	11	15	16	15	18	16	19	22	24.	
14	17	21	18	17	15	15	16	16	16	13	14	11	10	11	8	8	6	8	7	7	5	6	7	6	24	21.	
15	5	9	6	8	7	8	11	12	10	5	1	1	2	3	4	5	6	5	6	6	6	8	9	10	24	12.	
16	9	9	9	8	9	9	10	13	11	17	12	8	5	5	5	6	7	9	10	11	10	9	9	9	24	17.	
17	9	10	10	11	10	11	13	11	9	14	15	7	6	8	8	7	8	10	10	12	15	4	4	2	24	15.	
18	3	2	3	3	4	4	4	9	AL	15	13	4	3	4	AZ	AX	BA	BA	BA	1	4	8	4	4	18	15.	
19	7	3	5	6	5	6	9	7	5	10	16	46	0	0	4	10	7	8	13	8	8	6	8	8	24	46.	
20	9	14	16	16	15	17	16	16	16	17	18	15	11	11	11	10	13	13	13	15	16	15	13	24	18.		
21	12	12	13	13	13	13	14	14	15	15	15	13	13	14	13	13	14	16	17	13	13	15	12	11	24	17.	
22	11	12	13	12	10	12	12	11	7	7	7	9	0	2	3	2	3	3	4	4	5	6	3	5	24	13.	
23	3	3	2	3	2	3	3	4	4	3	2	4	1	5	5	3	2	2	4	3	5	6	4	3	24	6.	
24	4	5	6	5	6	7	9	10	9	9	8	4	5	5	5	6	6	6	7	5	9	5	7	5	24	10.	
25	5	5	7	5	6	5	6	8	6	3	2	1	2	4	3	5	5	7	8	13	11	15	13	16	24	16.	
26	10	10	9	11	11	11	10	14	18	12	8	8	7	7	7	8	9	15	12	14	12	11	12	10	24	18.	
27	15	7	7	6	8	9	9	10	13	10	5	3	3	5	5	7	8	11	15	17	16	14	15	24	17.		
28	12	15	15	14	16	20	22	18	18	14	8	32	84	7	10	9	11	13	16	18	17	17	16	15	24	84.	
29	11	9	12	7	7	6	3	3	2	3	1	2	2	6	3	4	4	1	3	4	4	5	4	3	24	12.	
30	4	4	6	6	5	7	9	13	12	13	9	8	7	6	6	AX	BA	3	3	4	3	4	4	3	22	13.	
31	4	4	6	6	6	8	8	10	3	8	10	2	1	2	2	2	4	4	5	5	5	6	7	9	24	10.	
NO.:	31	31	31	31	31	31	31	31	30	30	29	30	31	31	30	29	29	30	30	31	31	31	31	31	31		
MAX:	25.	23.	23.	23.	24.	26.	27.	30.	37.	28.	29.	46.	84.	14.	17.	19.	19.	19.	20.	19.	21.	25.	24.	23.			
AVG:	9.8	10.1	10.4	10.1	9.9	10.5	11.5	12.2	12.2	12.2	10.5	9.9	8.9	6.7	6.9	7.6	8.1	8.8	9.6	9.5	10.0	10.5	10.2	10.2			

MONTHLY OBSERVATIONS: 732 MONTHLY MEAN: 9.8 MONTHLY MAX: 84.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-071-0016 POC: 1  
 COUNTY: (071) Gaston  
 CITY: (25580) Gastonia  
 SITE ADDRESS: 1622 EAST GARRISON BLVD  
 SITE COMMENTS: GRIER MIDDLE SCHOOL GROUNDS  
 MONITOR COMMENTS:

STATE: (37) North Carolina  
 AQCR: (167) METROPOLITAN CHARLOTTE  
 URBANIZED AREA: (2970) GASTONIA, NC  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER:  
 LATITUDE: 35.253056  
 LONGITUDE: -81.153333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 243  
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (062) HI-VOL-WEDDING-INLET GRAVIMETRIC  
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: 4

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									20	22		
2								18				
3						16	19					
4				10	AN							
5			19									
6											17	9
7									22	21		
8								16				
9						23	15					
10				26	21							
11			8								17	11
12												
13									21	12		
14								13				
15						19	14					
16				AG	24							
17			17									
18											12	4
19									28	AN		
20								23				
21						BJ	13					
22				11	20							
23			21									
24											BJ	6
25									27	15		
26								21				
27						20	11					
28				AN	19							
29			11									
30											21	8
31										24		
NO.:	0	0	5	3	4	4	5	5	5	5	4	5
MAX:			21.	26.	24.	23.	19.	23.	28.	24.	21.	11.
MEAN:			15.2	15.7	21.0	19.5	14.4	18.2	23.6	18.8	16.8	7.6
ANNUAL OBSERVATIONS:		45		ANNUAL MEAN:	17.0	ANNUAL MAX:	28.					

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (\*\*\*) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-081-0013 POC: 1  
 COUNTY: (081) Guilford  
 CITY: (28000) Greensboro  
 SITE ADDRESS: 205 WILOUGHBY BLVD  
 SITE COMMENTS: MONITOR LOCATION MIDDLE OF PLAY FIELD  
 MONITOR COMMENTS:

STATE: (37) North Carolina  
 AQCR: (136) NORTHERN PIEDMONT  
 URBANIZED AREA: (3115) GREENSBORO, NC  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 36.1091670009  
 LONGITUDE: -79.801111  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 247  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (062) HI-VOL-WEDDING-INLET GRAVIMETRIC  
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: 4

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									17	11		
2								16				
3		10				15	19					
4	5			13	10							
5			20									
6											12	13
7									21	6		
8								17				
9		18				14	21					
10	7			24	21							
11			5								13	14
12												
13									18	AJ		
14								22				
15		9				14	19					
16	4			17	22							
17			14									
18											11	AN
19									18	15		17
20								7				
21		7				13	22					
22	28			11	AN							
23			14									
24											AJ	10
25									19	8		
26								13				
27		7				20	21					
28	4			16	19							
29			11									
30											26	11
31										23		
NO.:	5	5	5	5	4	5	5	5	5	5	4	5
MAX:	28.	18.	20.	24.	22.	20.	22.	22.	21.	23.	26.	17.
MEAN:	9.6	10.2	12.8	16.2	18.0	15.2	20.4	15.0	18.6	12.6	15.5	13.0
ANNUAL OBSERVATIONS:	58		ANNUAL MEAN:		14.7	ANNUAL MAX:		28.				

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (\*\*\*) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-119-0003 POC: 1  
 COUNTY: (119) Mecklenburg  
 CITY: (12000) Charlotte  
 SITE ADDRESS: FIRE STA #11 620 WEST 28TH STREET  
 SITE COMMENTS: OPERATED BY MECKLENBURG CO AIR QUALITY  
 MONITOR COMMENTS:

STATE: (37) North Carolina  
 AQCR: (167) METROPOLITAN CHARLOTTE  
 URBANIZED AREA: (1510) CHARLOTTE, NC  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 35.2517170009  
 LONGITUDE: -80.824717  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 223  
 PROBE HEIGHT: 6.4

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (063) HI-VOL SA/GMW-1200 GRAVIMETRIC  
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: 4

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									21 1	25 1		
2								22 1				
3		8 1				11 1	16 1					
4	16 1			15 1	11 1							
5			28 1									
6											AN	13 1
7									25 1	12 1		
8								18 1				
9		14 1				16 1	14 1					
10	16 1			54 II	23 1							
11			21 1									
12											AN	15 1
13									23 1	9 1		
14								25 1				
15		17 1				18 1	15 1					
16	BJ			29 1	22 1							
17			21 1									
18											AN	11 1
19									27 1	22 1		
20								15 1				
21		23 1				20 1	15 1					
22	7 1			14 1	14 1							
23			22 1									
24											11 1	12 1
25									20 1	17 1		
26								29 1				
27		11 1				26 1	16 1					
28	34 1			15 1	17 1							
29			19 1									
30											22 1	14 1
31										27 1		
NO.:	4	5	5	5	5	5	5	5	5	6	2	5
MAX:	34.	23.	28.	54.	23.	26.	16.	29.	27.	27.	22.	15.
MEAN:	18.3	14.6	22.2	25.4	17.4	18.2	15.2	21.8	23.2	18.7	16.5	13.0
ANNUAL OBSERVATIONS:		57		ANNUAL MEAN:	18.8		ANNUAL MAX:	54.				

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (\*\*\*) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-119-0003 POC: 2  
 COUNTY: (119) Mecklenburg  
 CITY: (12000) Charlotte  
 SITE ADDRESS: FIRE STA #11 620 WEST 28TH STREET  
 SITE COMMENTS: OPERATED BY MECKLENBURG CO AIR QUALITY  
 MONITOR COMMENTS:

STATE: (37) North Carolina  
 AQCR: (167) METROPOLITAN CHARLOTTE  
 URBANIZED AREA: (1510) CHARLOTTE, NC  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 35.2517170009  
 LONGITUDE: -80.824717  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 223  
 PROBE HEIGHT: 6.4

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (063) HI-VOL SA/GMW-1200 GRAVIMETRIC  
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: 4

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									20 1	25 1		
2								22 1				
3		8 1				12 1	15 1					
4	15 1			14 1	11 1							
5			29 1									
6											25 1	13 1
7									25 1	13 1		
8								18 1				
9		13 1				17 1	13 1					
10	17 1			55 II	23 1							
11			21 1								23 1	15 1
12												
13									23 1	9 1		
14								24 1				
15		18 1				18 1	16 1					
16	8 1			29 1	24 1							
17			21 1									
18											13 1	11 1
19									26 1	22 1		
20								16 1				
21		23 1				19 1	15 1					
22	6 1			13 1	7 1							
23			24 1									
24											10 1	13 1
25									20 1	17 1		
26								30 1				
27		11 1				27 1	17 1					
28	35 1			14 1	17 1							
29			20 1									
30											22 1	14 1
31										26 1		
NO.:	5	5	5	5	5	5	5	5	5	6	5	5
MAX:	35.	23.	29.	55.	24.	27.	17.	30.	26.	26.	25.	15.
MEAN:	16.2	14.6	23.0	25.0	16.4	18.6	15.2	22.0	22.8	18.7	18.6	13.2
ANNUAL OBSERVATIONS:	61		ANNUAL MEAN:		18.7		ANNUAL MAX:		55.			

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (\*\*\*) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-119-0041 POC: 1  
 COUNTY: (119) Mecklenburg  
 CITY: (12000) Charlotte  
 SITE ADDRESS: 1130 EASTWAY DRIVE  
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGINAL LOCATION  
 MONITOR COMMENTS:

STATE: (37) North Carolina  
 AQCR: (167) METROPOLITAN CHARLOTTE  
 URBANIZED AREA: (1510) CHARLOTTE, NC  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 35.2401000009  
 LONGITUDE: -80.785683  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (127) R - P Co Partisol Model 2025 Gravi  
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: 4

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	12			10	6				18	17		
2			8					15				
3		8				9	12				11	21
4	12			10	10				22	22		
5			19					18				
6		13				8	9				15	13
7	12			26	8				19	7		
8			10					13				
9		9				15	11				17	AV
10	14			28	18				28	6		
11			15					11				
12		12				19	10				15	11
13	16			12	13				17	4		
14			11					24				
15		11				14	12				21	9
16	7			19	21				22	14		
17			21					7				
18		11				10	22				8	8
19	12			14	13				27	18		
20			10					9				
21		12				17	12				20	16
22	6			13	12				9	18		
23			20					16				
24		9				15	16				6	5
25	17			13	9				16	9		
26			6					AN				
27		7				21	14				4	13
28	30			AV	14				14	26		
29			13						27			
30						16	16				18	13
31	4				15					21		
NO.:	11	9	10	9	11	10	10	9	10	11	10	9
MAX:	30.	13.	21.	28.	21.	21.	22.	27.	28.	26.	21.	21.
MEAN:	12.9	10.2	13.3	16.1	12.6	14.4	13.4	15.6	19.2	14.7	13.5	12.1
ANNUAL OBSERVATIONS:		119		ANNUAL MEAN:	14.0		ANNUAL MAX:	30.				

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (\*\*\*) indicates that the region has reviewed the value and does not concur with the qualifier.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-119-0042 POC: 1  
 COUNTY: (119) Mecklenburg  
 CITY: (12000) Charlotte  
 SITE ADDRESS: 1935 Emerywood Drive  
 SITE COMMENTS: 1/3 PM2.5 Sampler located in field south (in front) of school. Site adjacent to school.  
 MONITOR COMMENTS:

STATE: (37) North Carolina  
 AQCR: (167) METROPOLITAN CHARLOTTE  
 URBANIZED AREA: (1510) CHARLOTTE, NC  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 35.1512830009  
 LONGITUDE: -80.866983  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 209  
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (127) R - P Co Partisol Model 2025 Gravi

PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2013

DURATION: 24 HOUR

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE: 4

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	12			11 FB	7 FB				17	26		
2			5 FB					18				
3		AR				8 FB	12				9	22
4	11			10 FB	14 FB				29	AJ		
5			22 FB					22				
6		13				7 FB	9				17	14
7	13			29 FB	15 FB				22	6		
8			12 FB					17				
9		10				15 FB	13				16	6
10	14			45 FB	40 FB				41	7		
11			37 FB					12				
12		9				21 FB	11				19	15
13	17			13 FB	11 FB				19	2		
14			8 FB					23				
15		AN				17 FB	12				22	9
16	7			30 FB	38 FB				22	17		
17			27 FB					7				
18		11				12 FB	20				8	9
19	11			32 FB	11 FB				50	20		
20			20 FB					10				
21		9 FB				22	13				18	17
22	5			18 FB	13 FB				10	23		
23			22 FB					16				
24		10 FB				21	AV				8	5
25	18			27 FB	8 FB				15	11		
26			6 FB					34				
27		7 FB				23	13				4	17
28	32			12 FB	33 FB				16	25		
29			17 FB					32				
30						15	17				21	12
31	4				42 FB					29		
NO.:	11	7	10	10	11	10	9	10	10	10	10	10
MAX:	32.	13.	37.	45.	42.	23.	20.	34.	50.	29.	22.	22.
MEAN:	13.1	9.9	17.6	22.7	21.1	16.1	13.3	19.1	24.1	16.6	14.2	12.6
ANNUAL OBSERVATIONS:		118		ANNUAL MEAN:	16.9		ANNUAL MAX:	50.				

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-119-0042 POC: 2  
 COUNTY: (119) Mecklenburg STATE: (37) North Carolina  
 CITY: (12000) Charlotte AQCR: (167) METROPOLITAN CHARLOTTE  
 SITE ADDRESS: 1935 Emerywood Drive URBANIZED AREA: (1510) CHARLOTTE, NC  
 SITE COMMENTS: 1/3 PM2.5 Sampler located in field south (in front) of school. Site adjacent to se LAND USE: RESIDENTIAL  
 MONITOR COMMENTS: LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 35.1512830009  
 LONGITUDE: -80.866983  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 209  
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (127) R - P Co Partisol Model 2025 Gravi  
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: 4

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									17	22		
2								18				
3		6				7	13					
4	9			9	13							
5			21									
6											18	14
7									21	7		
8								19				
9		11				14	12					
10	14			33	37							
11			29									
12											20	BJ
13									18	2		
14								21				
15		11				14	12					
16	7			26	30							
17			28									
18											8	9
19									52	19		
20								10				
21		10				20	13					
22	5			15	13							
23			19									
24											8	5
25									15	11		
26								33				
27		6				25	13					
28	31			12	35							
29			16									
30											20	12
31										30		
NO.:	5	5	5	5	5	5	5	5	5	6	5	4
MAX:	31.	11.	29.	33.	37.	25.	13.	33.	52.	30.	20.	14.
MEAN:	13.2	8.8	22.6	19.0	25.6	16.0	12.6	20.2	24.6	15.2	14.8	10.0
ANNUAL OBSERVATIONS:		60		ANNUAL MEAN:	17.0	ANNUAL MAX:	52.					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Dec. 15, 2015

(81102) PM10 Total 0-10um STP

SITE ID: 37-183-0014 POC: 7  
 COUNTY: (183) Wake  
 CITY: (55000) Raleigh  
 SITE ADDRESS: 3801 SPRING FOREST RD.  
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35  
 MONITOR COMMENTS:

STATE: (37) North Carolina  
 AQCR: (166) EASTERN PIEDMONT  
 URBANIZED AREA: (6639) RALEIGH, NC  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER:  
 LATITUDE: 35.856111  
 LONGITUDE: -78.574167  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 100  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (127) R - P Co Partisol Model 2025 Gravi  
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE: 4

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	16			11	8 V				15	16		
2			6					15				
3		6				9 3	12				7	24
4	9			12	12				20	20		
5			21					14				
6		18				12	12				13	13
7	AJ			17	12				15	9		
8			7					16				
9		10				17	12				12	5
10	12			38	17				22	2		
11			14					12				
12		8				20	8				13	12 V
13	12			13	10				17	4		
14			AN					16				
15		12				14	12				20	5
16	4		26	16	23				15	11		
17			18					9				
18		13				11	27				8	9
19	14			20	11				13	15		
20			AN					8				
21		9				11	11				15	19
22	4		12	14	13				8	22		
23			AJ					18				
24		10				16	17				5	5
25	14 V			14	8				16	8		
26			5					12				
27		9				17	13				2	10
28	23			16	16				8	26		
29			10					21				
30						13	16				15	7
31	AJ				14					20		
NO.:	9	9	9	10	11	10	10	10	10	11	10	10
MAX:	23.	18.	26.	38.	23.	20.	27.	21.	22.	26.	20.	24.
MEAN:	12.0	10.6	13.2	17.1	13.1	14.0	14.0	14.1	14.9	13.9	11.0	10.9
ANNUAL OBSERVATIONS:		119		ANNUAL MEAN:	13.3	ANNUAL MAX:	38.					

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QUALIFIER CODES:

Qualifier Code	Qualifier Description	Qualifier Type
1	Deviation from a CFR/Critical Criteria Requirement	QA
3	Field Issue	QA
AG	Sample Time out of Limits	NULL
AI	Insufficient Data (cannot calculate)	NULL
AJ	Filter Damage	NULL
AL	Voided by Operator	NULL
AN	Machine Malfunction	NULL
AR	Lab Error	NULL
AT	Calibration	NULL
AV	Power Failure	NULL
AX	Precision Check	NULL
AZ	Q C Audit	NULL
BA	Maintenance/Routine Repairs	NULL
BE	Building/Site Repair	NULL
BJ	Operator Error	NULL
FB	Field Blank Value Above Acceptable Limit	QA
II	High Pollen Count	INFORM
V	Validated Value	QA

Note: Qualifier codes with regional concurrence are shown in upper case,  
 and those without regional concurrence are shown in lower case.