

User ID: CGE

RAW DATA REPORT

Report Request ID: 1395021

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	88101		

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
2012 01 01	2012 12 31

APPLICABLE STANDARDS

Standard Description
PM25 24-hour 2013

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(88101) PM2.5 - Local Conditions

SITE ID: 37-001-0002 POC: 1
 COUNTY: (001) Alamance
 CITY: (09060) Burlington
 SITE ADDRESS: 827 S GRAHAM & HOPEDALE RD
 SITE COMMENTS:
 MONITOR COMMENTS: ID2=401

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (1300) BURLINGTON, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 36.089004
 LONGITUDE: -79.407821
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 194
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1								12.7				
2						6.1	9.5					
3		AJ		8.8	10.3							
4	7.9 V		5.1									
5											9.1	7.4
6									8.2	10.7		
7								5.5				
8						8.4	19.5					
9		AJ		5.7	6.2							
10	7.0		4.7									
11											14.4	3.0
12									8.6	8.9		
13								10.3				
14						5.6	6.1					
15		7.5		10.8	1.5 V							
16	12.3		7.3									
17											8.0	6.0
18									2.5	8.0		
19								7.6				
20						17.5	7.3					
21		10.1		9.9	4.9							
22	9.2		7.6									
23											14.7	6.0
24									5.1	11.9		
25								7.5				
26						5.4	15.1					
27		8.5		10.4	3.9							
28	6.4		12.6									
29											17.1	10.2
30									9.0	1.4 V		
31								7.7				
NO.:	5	3	5	5	5	5	5	6	5	5	5	5
MAX:	12.3	10.1	12.6	10.8	10.3	17.5	19.5	12.7	9.0	11.9	17.1	10.2
MEAN:	8.56	8.70	7.46	9.12	5.36	8.60	11.50	8.55	6.68	8.18	12.66	6.52
ANNUAL OBSERVATIONS:		59		ANNUAL MEAN:	8.48	ANNUAL MAX:	19.5					

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-021-0034 POC: 1
 COUNTY: (021) Buncombe
 CITY: (02140) Asheville
 SITE ADDRESS: 175 BINGHAM ROAD
 SITE COMMENTS: Located in BOARD OF EDUCATION ADMINISTRATIVE COMPOUND
 MONITOR COMMENTS: ID2=101

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0480) ASHEVILLE, NC
 LAND USE: COMMERCIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 35.6075000009
 LONGITUDE: -82.583333
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 658
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQA0: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	15.9		5.5					12.2				
2						6.7	10.7				8.3	10.5
3		6.7		12.5	10.1				7.3	4.9		
4	8.0		7.0					8.2				
5						7.3	13.2				6.4	6.0
6		4.8		5.3	7.0				5.9	8.6		
7	9.7		9.7					5.9				
8						8.1	18.1				11.3	9.3
9		9.2		6.3	7.7				4.8	6.1		
10	6.3		5.4					6.6				
11						3.5	5.8				8.1	5.5
12		3.5		5.5	11.0				11.0	8.6		
13	2.6		5.9					8.4				
14						10.8	5.0				10.3	10.7
15		5.8		12.2	4.7				10.5	5.7		
16	8.8		5.0					8.3				
17						9.6	6.6				11.5	3.0
18		11.5		6.4	11.9				3.0	6.8		
19	AJ		11.4					7.9				
20						14.3	3.4				12.0	8.4
21		8.4		8.2	9.9				11.5	4.8		
22	9.1		7.6					9.8				
23						12.3	8.3				12.4	15.6
24		7.9		4.9	9.7				4.0	13.1		
25	6.6		6.2					12.3				
26						8.9	10.2				11.4	.9
27		7.6		11.0	11.4				12.9	8.6		
28	6.5		16.0					10.2				
29						13.9	11.8				16.5	6.4
30				14.2	9.0				8.8	AM		
31	12.0		8.5					5.4				
NO.:	10	9	11	10	10	10	10	11	10	9	10	10
MAX:	15.9	11.5	16.0	14.2	11.9	14.3	18.1	12.3	12.9	13.1	16.5	15.6
MEAN:	8.55	7.27	8.02	8.65	9.24	9.54	9.31	8.65	7.97	7.47	10.82	7.63
ANNUAL OBSERVATIONS:		120		ANNUAL MEAN:	8.61	ANNUAL MAX:	18.1					

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-021-0034 POC: 2
 COUNTY: (021) Buncombe
 CITY: (02140) Asheville
 SITE ADDRESS: 175 BINGHAM ROAD
 SITE COMMENTS: Located in BOARD OF EDUCATION ADMINISTRATIVE COMPOUND
 MONITOR COMMENTS: ID2=102

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0480) ASHEVILLE, NC
 LAND USE: COMMERCIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 35.6075000009
 LONGITUDE: -82.583333
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 658
 PROBE HEIGHT:

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1								11.5				
2							10.0					
3		6.7		12.2	10.2	AN						
4	8.1		6.7									
5											7.0	6.4
6									5.9	8.9		
7								6.2				
8						8.1	17.6					
9		9.3		6.0	8.5							
10	6.8		6.0								8.5	6.1
11									11.2	8.5		
12								7.9				
13						10.9	4.9					
14		7.0		14.5	4.5							
15	9.4		4.5								12.5	3.2
16									2.7	7.0		
17								8.3				
18						13.7	3.7					
19		8.2		8.2	10.1							
20	8.5		8.0									
21											11.8	14.7
22									3.5	BJ		
23								12.8				
24		7.9		11.3	11.4	9.5	10.2					
25	7.3		16.0									
26											16.2	6.3
27									9.3	1.6		
28								5.8				
29												
30												
31												
NO.:	5	5	5	5	5	4	5	6	5	4	5	5
MAX:	9.4	9.3	16.0	14.5	11.4	13.7	17.6	12.8	11.2	8.9	16.2	14.7
MEAN:	8.02	7.82	8.24	10.44	8.94	10.55	9.28	8.75	6.52	6.50	11.20	7.34
ANNUAL OBSERVATIONS:		59		ANNUAL MEAN:	8.64	ANNUAL MAX:	17.6					

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.

(88101) PM2.5 - Local Conditions

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: ID2=403

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: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1								12.3				
2						5.8	9.7					
3		6.7		7.5	12.5							
4	6.8		AV									
5											8.2	6.1
6									7.5	10.6		
7			9.0					6.0				
8						7.7	20.7					
9		6.5		5.4	6.0							
10	5.8		AV									
11											14.9	2.9
12									8.2	7.2		
13								10.3				
14			9.9			5.6	4.7					
15		AN		10.2	1.6 V							
16	9.3		6.9									
17											6.9	6.5
18									2.8	8.0		
19		8.0						8.2				
20		7.5				17.5	5.9					
21		14.5		9.6	5.1 V							
22	8.9		9.6									
23											10.9	5.6
24									3.8	11.8		
25								8.0				
26						5.2	13.5					
27		10.6		8.9	3.7							
28	6.7		BJ									
29											10.2	8.6
30									9.9	1.7 V		
31			9.8					8.5				
NO.:	5	6	5	5	5	5	5	6	5	5	5	5
MAX:	9.3	14.5	9.9	10.2	12.5	17.5	20.7	12.3	9.9	11.8	14.9	8.6
MEAN:	7.50	8.97	9.04	8.32	5.78	8.36	10.90	8.88	6.44	7.86	10.22	5.94
ANNUAL OBSERVATIONS:		62		ANNUAL MEAN:	8.21	ANNUAL MAX:	20.7					

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-033-0001 POC: 3
 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: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MARCH 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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																										0		
2																											0	
3																											0	
4																											0	
5																											0	
6																											0	
7																											0	
8																											0	
9																											0	
10																											0	
11																											0	
12														7.0	6.3	10.2	9.0	4.9	6.5	8.5	9.5	16.1	16.6	20.9	11	20.9		
13	17.6	18.7	13.9	12.1	9.7	9.9	19.7	8.8	9.7	11.7	BA	13.0	9.5	6.4	7.5	7.3	7.3	7.3	6.6	8.5	12.1	13.8	10.1	9.5	23	19.7		
14	11.6	9.5	9.7	10.4	10.4	10.4	11.3	9.2	9.6	12.7	11.4	10.7	9.1	7.1	6.4	6.1	2.2	3.9	8.5	5.4	5.5	8.8	10.7	10.5	24	12.7		
15	10.4	15.8	9.5	10.5	11.4	10.4	16.2	9.5	17.8	9.9	11.2	8.4	9.2	11.6	10.4	15.7	7.1	6.0	4.4	4.4	6.8	5.8	5.1	3.4	24	17.8		
16	2.9	6.3	8.5	10.9	9.4	7.2	8.2	6.7	5.0	6.1	8.1	5.7	5.1	6.6	4.7	2.8	1.5	2.2	2.6	4.2	4.8	6.6	5.4	2.3	24	10.9		
17	.7	3.0	5.1	2.3	4.6	8.1	9.8	10.9	10.6	9.7	11.5	9.0	7.3	9.2	8.2	6.5	7.0	6.3	5.8	3.8	2.3	9.4	7.9	3.6	24	11.5		
18	8.7	9.7	5.1	6.0	7.7	6.5	7.7	15.8	18.2	11.3	9.9	17.9	14.0	13.3	11.6	12.3	11.6	16.0	16.8	15.6	15.6	14.1	13.8	10.2	24	18.2		
19	8.0	9.5	9.7	8.2	7.9	8.7	11.1	13.5	18.0	15.0	14.3	17.5	15.3	12.8	10.5	8.6	6.1	9.9	14.1	12.3	12.4	18.7	10.7	12.8	24	18.7		
20	12.6	11.9	18.3	16.8	16.8	16.3	18.0	17.6	19.0	18.5	22.1	19.2	21.1	13.5	17.7	16.2	16.4	18.0	12.1	16.8	6.5	7.0	10.1	9.7	24	22.1		
21	6.8	8.5	7.5	4.9	5.4	7.0	8.2	6.8	6.3	9.2	8.8	4.7	7.1	12.6	14.1	11.9	9.7	16.3	12.9	12.1	18.3	12.6	13.9	12.6	24	18.3		
22	9.5	6.3	6.8	11.9	10.4	9.0	11.2	11.4	12.7	16.3	15.4	11.2	9.2	9.2	9.7	9.5	9.3	9.3	7.8	10.9	11.4	11.9	16.3	6.8	24	16.3		
23	10.7	14.6	12.4	9.7	9.2	17.5	6.3	9.7	12.8	8.7	BA	7.8	11.6	12.9	13.1	11.9	9.7	8.0	8.0	10.4	10.2	8.0	7.0	7.3	23	17.5		
24	5.3	5.3	9.0	10.4	11.1	9.7	7.7	5.6	1.6	1.9	3.8	5.6	6.3	5.9	7.3	7.5	5.4	5.6	10.2	11.2	10.7	9.0	8.3	6.8	24	11.2		
25	4.6	4.9	3.7	6.5	7.8	9.5	11.4	9.7	6.1	3.1	5.1	2.4	.4	.1	.9	3.1	5.4	8.3	5.1	.9	3.8	6.8	6.0	8.7	24	11.4		
26	7.9	7.2	10.4	11.1	11.9	11.1	12.1	18.8	14.4	14.6	AX	AX	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	10	18.8	
27	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
28	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
29	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
30	BA	BA	BA	BA	BA	BA	BA	BA	17.8	13.1	10.4	BA	8.8	9.5	10.5	10.5	9.8	17.2	12.4	18.1	10.9	17.3	17.1	20.7	15	20.7		
31	19.3	23.1	17.1	20.4	22.1	20.0	15.8	12.1	17.8	7.8	8.5	11.4	9.3	4.5	8.1	11.2	9.5	9.5	8.8	10.7	13.7	14.1	12.7	10.2	24	23.1		
NO.:	15	15	15	15	15	15	15	15	16	16	13	14	15	16	16	16	16	16	16	16	16	16	16	16	16			
MAX:	19.3	23.1	18.3	20.4	22.1	20.0	19.7	18.8	19.0	18.5	22.1	19.2	21.1	13.5	17.7	16.2	16.4	18.0	16.8	18.1	18.3	18.7	17.1	20.9				
AVG:	9.11	10.29	9.78	10.14	10.39	10.75	11.65	11.07	12.34	10.60	10.81	10.32	9.55	8.89	9.19	9.46	7.94	9.29	8.91	9.61	9.66	11.25	10.73	9.75				

MONTHLY OBSERVATIONS: 370 MONTHLY MEAN: 10.05 MONTHLY MAX: 23.1

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(88101) PM2.5 - Local Conditions

SITE ID: 37-033-0001 POC: 3
 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: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	17.1	16.4	17.8	12.6	13.1	10.2	17.1	18.3	18.1	16.9	9.5	12.4	18.6	11.2	10.7	11.5	12.2	12.7	11.2	8.8	10.5	11.9	10.5	10.0	24	18.6	
2	8.1	6.4	10.5	11.0	8.0	9.3	11.2	9.0	6.1	7.1	8.6	11.4	13.9	12.2	9.5	8.4	7.9	6.6	4.7	6.6	10.2	11.2	6.6	1.7	24	13.9	
3	4.7	9.5	10.2	5.1	5.4	7.0	6.1	10.5	21.7	8.6	6.9	3.2	4.7	6.6	5.2	17.1	9.3	10.2	18.6	10.0	18.3	8.1	3.7	.5	24	21.7	
4	4.9	9.0	8.1	6.4	8.3	10.5	11.5	12.9	14.4	AX	BA	10.5	11.2	11.7	12.4	8.3	7.8	16.1	17.8	8.8	19.0	16.9	7.9	10.7	22	19.0	
5	13.9	11.7	8.3	8.5	10.7	13.5	9.5	7.8	12.0	9.0	4.0	6.9	9.8	7.1	7.6	6.9	7.3	10.0	9.0	7.3	5.4	2.9	3.2	-1.2	24	13.9	
6	-2.4	.9	2.9	3.6	4.8	7.2	17.3	12.3	13.1	11.4	11.4	11.9	6.9	3.9	3.2	1.2	.3	.5	1.0	2.2	-4.1	-4.3	2.9	5.4	24	17.3	
7	6.3	6.0	3.4	4.1	5.3	3.4	6.3	2.0	1.5	5.7	3.2	2.4	4.9	6.4	6.9	7.8	6.4	4.9	4.7	6.1	3.5	3.7	4.6	3.4	24	7.8	
8	5.6	6.6	6.3	5.6	7.3	7.5	7.3	9.3	10.2	8.6	2.7	4.9	4.2	3.0	4.2	3.4	4.9	6.8	8.0	6.8	6.6	7.3	6.8	7.8	24	10.2	
9	8.5	5.6	5.4	1.7	2.4	5.8	5.1	4.2	7.4	8.8	4.7	2.7	4.4	7.1	6.1	3.4	.0	6.3	12.4	10.2	6.6	6.4	8.8	8.0	24	12.4	
10	5.6	5.8	4.9	.6	5.6	8.5	6.6	11.9	11.0	6.1	5.9	5.9	4.7	7.1	6.1	1.2	2.0	6.1	8.5	10.7	13.6	9.7	5.4	4.6	24	13.6	
11	1.4	1.4	6.1	6.6	5.1	8.7	11.4	7.3	5.6	6.3	6.8	7.5	9.5	10.0	5.6	3.2	2.9	-2.4	-3.1	2.9	5.9	6.6	6.6	10.2	24	11.4	
12	10.9	9.0	8.2	8.0	6.8	1.9	4.1	7.0	5.6	3.9	4.4	5.2	5.6	7.8	3.4	2.2	7.8	9.0	10.0	4.1	1.4	17.3	7.3	7.2	24	17.3	
13	9.2	7.0	6.8	12.3	10.6	7.5	16.0	9.0	9.9	9.0	8.3	7.1	7.1	10.7	10.4	8.0	5.6	4.1	4.4	5.6	10.2	10.9	9.0	6.6	24	16.0	
14	8.0	11.6	13.3	15.6	14.4	25.0	18.5	17.4	16.9	14.7	10.5	21.2	9.5	11.0	12.9	12.4	11.4	11.9	11.9	9.0	4.9	5.6	8.0	8.5	24	25.0	
15	15.6	19.2	17.6	11.2	11.2	9.0	10.0	12.7	13.2	16.4	8.8	10.5	13.0	14.0	18.1	13.5	23.2	18.8	18.3	19.5	16.8	18.8	13.4	19.5	24	23.2	
16	14.9	14.4	14.4	12.4	11.7	9.1	16.2	13.4	11.9	10.3	10.0	12.5	14.4	11.2	11.5	13.0	13.0	19.3	15.7	10.3	12.5	14.4	15.6	16.1	24	19.3	
17	14.9	19.5	23.9	22.7	17.4	12.0	12.2	11.2	11.2	14.2	16.6	13.9	13.7	12.2	10.0	8.3	18.6	17.6	9.8	10.5	12.4	11.7	11.7	6.6	24	23.9	
18	4.5	3.0	-1.6	2.0	6.6	8.0	7.8	8.8	6.6	7.4	8.1	5.7	9.6	16.4	6.8	6.4	5.1	6.6	5.4	5.1	11.5	7.5	6.6	12.1	24	16.4	
19	12.9	10.6	7.5	9.9	11.4	10.9	10.7	9.9	11.7	18.8	23.9	12.2	12.4	9.3	7.6	8.1	6.1	8.5	16.1	10.0	12.6	11.9	11.7	14.1	24	23.9	
20	18.3	14.9	17.2	17.2	15.7	18.8	14.4	17.4	15.6	12.9	13.9	15.2	14.4	13.2	13.5	10.5	9.5	10.5	9.5	10.5	13.5	12.5	19.5	13.5	24	19.5	
21	16.5	16.5	8.5	11.5	14.5	14.5	17.5	18.5	19.5	11.5	16.5	14.5	14.5	12.5	11.5	13.5	14.5	15.5	12.5	9.5	5.5	5.5	7.5	7.5	24	19.5	
22	4.5	5.5	8.5	5.5	2.5	.5	-2.0	2.5	6.5	4.5	4.5	5.5	.5	2.5	7.5	5.5	3.5	3.5	1.5	1.5	3.5	3.5	.5	.5	24	8.5	
23	4.5	8.5	8.5	5.5	5.5	5.5	3.5	2.5	3.5	7.5	6.5	2.5	1.5	-1.0	1.5	5.9	7.8	7.6	8.5	10.7	10.4	5.8	2.4	3.7	24	10.7	
24	6.1	6.4	6.4	6.1	6.3	5.8	4.1	3.9	4.7	4.6	4.7	4.4	4.0	-.4	2.2	8.6	8.6	6.6	4.7	6.4	5.7	6.8	5.1	.2	24	8.6	
25	4.7	4.9	4.2	5.4	5.1	7.6	7.6	5.9	3.9	7.3	12.4	10.0	5.2	4.9	2.9	6.1	10.7	9.0	7.3	17.6	10.9	11.2	12.2	10.2	24	17.6	
26	17.3	14.9	13.1	12.4	13.2	13.9	20.4	19.8	16.9	16.9	16.9	18.4	15.5	15.7	9.8	9.3	9.4	9.1	29.0	80.6	11.9	12.5	15.7	14.7	24	80.6	
27	13.9	13.9	12.7	11.5	12.7	13.5	13.0	16.4	12.5	12.5	13.4	12.2	9.8	8.6	6.7	4.5	4.2	5.9	6.6	6.6	5.7	5.7	4.4	5.2	24	16.4	
28	8.1	9.8	10.7	12.4	11.7	9.3	6.6	5.2	9.8	9.6	7.3	8.0	9.3	10.7	9.1	4.7	4.0	8.6	12.9	11.9	7.1	6.3	10.9	12.6	24	12.9	
29	18.8	14.1	13.9	14.2	15.2	12.9	19.5	22.9	18.1	9.8	17.6	5.4	9.3	7.9	8.4	11.7	11.2	11.7	13.0	11.5	5.7	4.2	9.5	22.4	24	22.9	
30	17.4	25.3	22.7	22.7	19.3	19.3	18.6	19.7	15.6	45.6	19.3	16.9	14.7	22.0	21.2	19.4	13.5	13.2	24.8	16.9	40.5	23.2	18.6	20.7	24	45.6	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	18.8	25.3	23.9	22.7	19.3	25.0	20.4	22.9	21.7	45.6	23.9	21.2	18.6	22.0	21.2	19.4	23.2	19.3	29.0	80.6	40.5	23.2	19.5	22.4			
AVG:	9.82	10.28	10.01	9.48	9.59	9.89	10.94	10.99	11.16	11.24	9.91	9.37	9.23	9.18	8.42	8.13	8.29	9.16	10.49	11.27	9.94	9.19	8.55	8.77			

MONTHLY OBSERVATIONS: 718 MONTHLY MEAN: 9.72 MONTHLY MAX: 80.6

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-033-0001 POC: 3
 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: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	16.7	15.9	11.7	12.7	12.2	10.5	16.6	6.1	10.5	11.9	AX	BA	16.4	19.8	12.5	12.5	13.0	10.3	8.6	9.6	10.8	12.5	12.2	10.3	22	19.8	
2	8.9	18.6	21.0	17.6	18.6	14.2	13.0	10.8	12.2	17.2	12.7	21.5	14.8	19.4	16.7	15.7	12.8	19.1	23.4	23.2	21.5	20.1	22.2	12.5	24	23.4	
3	12.0	11.5	12.5	12.7	17.9	15.7	17.2	14.0	12.7	15.7	17.2	20.3	18.7	16.0	20.3	16.2	21.2	12.8	18.9	12.5	12.5	19.1	18.9	9.6	24	21.2	
4	18.1	16.4	20.2	12.4	19.8	15.4	16.2	17.0	19.8	19.4	12.0	21.3	14.5	16.0	6.5	10.6	11.5	11.5	13.7	11.3	12.5	19.1	16.7	18.6	24	21.3	
5	8.9	11.7	14.0	11.5	10.1	8.8	8.6	9.8	9.8	8.6	10.1	10.8	9.4	11.8	13.0	11.8	8.1	7.7	5.2	4.5	6.7	6.7	11.3	11.0	24	14.0	
6	10.7	12.7	13.2	14.2	13.7	16.4	13.2	11.5	10.8	11.2	11.2	8.8	5.7	6.0	6.4	4.5	3.8	4.2	7.6	8.9	5.0	8.3	11.0	6.7	24	16.4	
7	5.0	7.6	9.3	7.6	7.4	8.6	10.5	12.5	9.3	9.3	8.8	3.5	5.5	8.6	8.9	11.3	9.4	6.2	6.0	6.9	7.2	7.9	11.0	12.7	24	12.7	
8	8.6	5.9	6.4	7.6	9.3	7.1	9.1	7.1	5.9	9.3	7.1	5.5	10.0	10.8	7.6	7.4	8.4	12.0	8.8	6.2	10.1	7.1	6.2	8.4	24	12.0	
9	10.3	12.5	11.5	10.8	10.1	6.4	5.7	10.1	10.8	8.6	15.7	6.7	10.0	11.2	16.7	13.7	10.0	8.1	10.0	10.0	11.2	8.8	6.4	7.3	24	16.7	
10	7.3	8.4	5.4	3.9	7.3	6.6	6.6	23.1	10.0	7.1	2.2	1.0	1.7	5.2	7.6	5.5	7.1	5.5	3.5	6.6	6.1	39.2	7.1	6.2	24	39.2	
11	8.1	10.0	8.8	7.8	9.0	10.4	11.7	12.9	9.6	7.9	8.0	AZ	6.4	6.9	6.4	5.7	7.2	6.4	2.8	3.0	18.1	4.4	6.4	16.1	23	18.1	
12	16.4	10.5	12.7	13.2	9.7	9.7	10.7	10.3	10.8	11.3	9.3	6.7	7.4	10.3	10.5	7.2	4.7	5.7	5.5	6.2	6.7	8.6	23.0	20.0	24	23.0	
13	10.8	12.3	13.5	17.2	14.2	16.7	13.5	18.9	15.2	12.2	11.0	12.2	12.0	11.0	9.1	8.6	11.0	12.2	10.3	5.0	7.4	10.8	9.1	8.4	24	18.9	
14	6.7	6.0	3.7	5.2	6.2	5.0	7.2	5.2	3.0	7.8	8.1	4.0	4.0	8.6	11.3	9.1	7.1	8.8	10.7	8.6	5.7	4.3	5.7	7.4	24	11.3	
15	1.8	-6	3.0	2.5	3.3	4.3	4.0	3.8	3.8	4.5	7.2	7.2	10.1	8.4	4.2	5.7	5.5	7.2	8.3	9.3	9.6	8.6	4.7	1.3	24	10.1	
16	5.5	7.7	6.2	5.5	7.9	10.0	9.1	7.7	7.9	8.4	7.7	8.7	11.6	11.1	8.9	9.2	8.7	17.0	11.1	17.0	7.5	8.9	10.1	8.7	24	17.0	
17	10.1	12.5	9.9	10.3	16.7	10.3	11.8	18.9	16.2	13.5	15.7	14.2	13.0	16.0	13.3	14.3	16.0	21.5	22.4	20.3	23.2	21.2	18.6	23.6	24	23.6	
18	22.0	22.7	13.9	20.7	15.2	16.4	16.6	19.6	15.5	13.2	10.8	9.6	9.4	6.9	5.0	6.2	5.5	4.7	3.5	1.3	1.0	5.2	8.1	5.2	24	22.7	
19	7.4	8.8	6.4	6.4	8.3	10.0	11.2	10.1	5.0	5.5	7.2	8.6	7.9	7.4	7.6	7.6	6.2	3.3	4.0	5.2	3.5	5.7	8.6	10.0	24	11.2	
20	7.1	7.4	12.0	10.0	7.9	7.6	9.6	12.7	16.7	11.8	11.0	8.1	7.9	7.4	3.7	4.7	7.4	4.7	5.7	6.4	4.7	6.7	5.9	5.2	24	16.7	
21	5.2	7.1	5.2	3.2	6.2	6.6	8.1	9.5	7.4	5.2	3.5	2.3	3.3	4.5	6.2	5.5	6.7	5.7	4.5	8.1	6.0	8.4	12.5	11.7	24	12.5	
22	9.8	9.4	8.1	6.2	6.7	6.2	7.6	9.4	10.0	8.3	7.1	6.9	5.7	18.3	6.7	6.9	10.6	AD	AD	AD	AD	AD	AD	AD	AD	17	18.3
23	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	0	
24	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	0	
25	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	0	
26	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	0	
27	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	0	
28	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	0	
29	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	BA	BA	22.1	11.0	7.8	4.1	2.6	1.9	.7	2.6	2.1	.0	6.5	11	22.1	
30	7.3	6.3	7.0	8.0	6.5	4.1	6.5	5.6	5.8	5.1	4.1	4.4	3.2	10.0	6.1	6.6	6.1	5.6	8.5	9.0	8.0	7.8	9.3	7.3	24	10.0	
31	6.1	10.5	9.5	11.0	15.7	12.8	11.8	7.8	8.6	10.0	8.6	7.8	11.5	10.8	10.6	10.3	11.8	12.3	9.6	16.7	4.4	8.1	10.1	9.1	24	16.7	
NO.:	24	24	24	24	24	24	24	24	24	24	23	22	24	25	25	25	25	24	24	24	24	24	24	24	24		
MAX:	22.0	22.7	21.0	20.7	19.8	16.7	17.2	23.1	19.8	19.4	17.2	21.5	18.7	22.1	20.3	16.2	21.2	21.5	23.4	23.2	23.2	39.2	23.0	23.6			
AVG:	9.62	10.49	10.21	9.93	10.83	9.99	10.67	11.43	10.30	10.13	9.40	9.10	9.17	11.38	9.47	8.98	8.96	8.96	8.94	9.02	8.83	10.82	10.63	10.16			

MONTHLY OBSERVATIONS: 577 MONTHLY MEAN: 9.89 MONTHLY MAX: 39.2

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-033-0001 POC: 3
 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: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	6.9	7.1	12.1	13.8	10.8	7.3	6.4	10.8	12.6	7.6	9.8	8.1	8.8	6.1	15.8	9.8	5.7	2.7	4.2	3.0	.3	1.5	6.6	4.4	24	15.8	
2	1.5	3.9	3.5	9.6	5.4	1.7	3.5	5.4	3.2	1.5	2.5	4.7	6.6	6.6	5.2	1.3	4.7	4.7	3.0	6.9	5.7	19.9	8.9	9.1	24	19.9	
3	11.6	6.1	6.2	7.8	13.1	8.4	6.2	4.0	4.2	4.0	4.5	6.4	8.4	4.0	1.5	8.9	5.9	3.5	6.4	8.1	7.1	7.4	10.9	10.4	24	13.1	
4	6.2	5.0	13.4	9.1	11.9	9.9	8.1	9.6	AZ	BA	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	8	13.4
5	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
6	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
7	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	6.9	6.0	1.8	.3	7.7	6.9	9.2	8.9	9.4	6.0	10	9.4	
8	10.7	10.9	9.4	5.7	9.4	7.9	6.7	6.0	6.0	AT	AT	8.7	8.9	10.2	11.2	7.5	5.3	12.9	8.9	8.0	7.2	9.4	11.4	9.2	22	12.9	
9	15.1	12.7	17.3	9.9	10.7	12.4	10.4	8.0	8.7	12.7	11.0	12.9	10.2	11.9	9.5	8.7	8.5	11.0	9.7	20.3	14.4	14.9	14.4	18.1	24	20.3	
10	11.0	19.0	15.4	18.3	16.1	16.9	15.4	13.4	10.2	10.0	11.2	9.2	16.9	8.0	15.1	13.9	13.9	11.7	14.9	9.0	16.1	13.9	13.7	9.5	24	19.0	
11	10.0	8.7	6.7	10.2	6.7	3.8	4.3	6.3	10.0	6.2	3.3	3.6	10.2	7.0	10.2	6.0	6.3	5.8	3.8	.0	1.4	5.1	5.5	6.5	24	10.2	
12	5.8	3.8	4.1	1.6	.9	4.0	8.5	6.7	2.1	2.8	4.3	1.6	3.1	.9	-.3	.1	-.5	2.8	6.5	6.5	9.0	8.0	7.0	4.3	24	9.0	
13	12.9	7.0	3.3	2.1	1.9	6.5	8.5	8.5	8.5	13.2	12.2	10.2	11.2	16.9	16.4	13.7	20.8	16.1	12.9	13.7	18.5	11.4	10.4	7.2	24	20.8	
14	7.5	7.2	10.4	7.2	9.2	AV	2.8	7.7	7.7	6.3	4.6	5.0	4.1	2.8	4.8	6.5	4.5	6.7	6.0	9.2	8.5	8.7	9.9	7.2	23	10.4	
15	8.7	8.9	13.7	8.2	5.5	4.8	9.2	6.5	5.3	5.0	5.3	7.0	6.0	5.5	6.5	6.0	4.3	4.0	8.2	9.2	8.2	6.7	5.8	8.2	24	13.7	
16	8.9	7.7	10.2	8.7	13.9	9.4	5.5	5.8	4.0	5.7	6.2	7.7	8.7	5.7	4.3	4.3	9.2	9.4	8.4	10.9	7.9	6.5	8.2	7.2	24	13.9	
17	7.5	10.7	7.0	6.5	7.0	7.5	8.9	6.7	4.1	5.3	10.7	7.0	5.8	7.2	8.5	7.0	9.7	13.9	11.0	10.2	11.9	12.2	16.4	10.7	24	16.4	
18	19.5	12.7	11.5	10.7	9.5	10.2	13.4	16.4	16.4	11.9	13.7	11.7	14.2	15.9	15.1	18.3	20.0	5.5	16.9	10.5	11.5	9.7	18.6	16.4	24	20.0	
19	22.3	23.5	22.0	16.1	12.7	17.3	15.4	20.8	16.1	15.9	18.1	19.1	10.7	19.5	19.0	13.2	19.8	18.6	17.8	14.4	19.0	26.9	20.5	13.4	24	26.9	
20	24.7	21.8	20.0	19.8	22.7	23.5	26.4	22.0	21.8	21.2	19.0	15.2	15.9	16.4	13.4	17.4	14.7	24.5	22.0	22.5	19.8	17.1	27.9	16.9	24	27.9	
21	19.0	22.0	26.1	19.5	16.6	24.5	26.9	28.3	19.5	15.9	13.1	BA	BA	20.3	21.5	22.5	26.4	21.2	23.0	24.2	16.1	28.1	20.5	26.9	22	28.3	
22	22.2	16.9	23.7	21.2	23.0	20.8	17.8	19.3	16.1	25.4	24.5	20.2	24.9	20.7	14.7	18.5	14.4	17.6	19.8	10.0	11.9	11.7	16.6	21.5	24	25.4	
23	25.7	15.1	16.1	18.1	18.3	13.9	16.6	23.7	10.2	10.9	19.3	19.0	13.9	18.6	12.7	15.6	16.9	20.2	24.2	22.2	25.9	21.2	23.0	29.5	24	29.5	
24	20.7	24.4	18.8	23.2	24.4	22.0	19.8	20.0	19.8	18.5	17.1	17.6	15.4	18.0	20.5	19.3	14.6	18.0	15.9	17.6	23.2	15.6	12.9	11.7	24	24.4	
25	11.2	15.9	9.7	7.0	8.2	8.0	17.3	15.9	14.9	14.6	13.7	16.6	15.4	19.7	24.7	15.9	19.5	16.4	12.9	21.5	20.5	16.1	14.6	16.8	24	24.7	
26	11.9	7.9	8.2	11.4	8.2	7.9	6.7	5.0	3.0	.8	2.1	3.8	4.8	.6	4.5	7.0	4.8	8.4	6.0	7.9	6.0	4.8	3.8	4.8	24	11.9	
27	6.0	222.2	8.4	6.7	2.6	4.0	10.2	7.5	12.9	8.2	9.9	9.2	8.7	7.7	4.8	3.8	7.0	6.5	7.4	7.9	7.2	10.9	11.2	8.7	24	222.2	
28	12.2	8.4	8.2	11.4	12.4	12.4	11.4	9.7	13.7	10.4	BA	6.7	11.4	9.4	10.2	11.9	11.2	14.6	14.6	12.9	20.0	24.7	15.4	23	24.7		
29	18.8	20.0	18.3	16.1	21.5	16.6	19.3	13.7	18.1	16.9	21.5	22.0	20.0	20.5	25.7	22.0	24.7	28.8	27.1	24.0	25.9	27.9	8.0	10.9	24	28.8	
30	12.9	10.9	11.4	13.9	11.7	11.2	10.2	10.5	11.4	7.7	19.8	20.8	24.5	19.3	13.2	23.2	26.4	31.2	24.4	21.7	30.0	22.7	13.4	20.5	24	31.2	
31																										0	
NO.:	27	27	27	27	27	26	27	27	26	25	24	25	25	26	27	27	27	27	27	27	27	27	27	27	27		
MAX:	25.7	222.2	26.1	23.2	24.4	24.5	26.9	28.3	21.8	25.4	24.5	22.0	24.9	20.7	25.7	23.2	26.4	31.2	27.1	24.2	30.0	28.1	27.9	29.5			
AVG:	13.01	20.01	12.41	11.62	11.64	11.26	11.70	11.79	10.79	10.34	11.56	10.96	11.55	11.52	11.69	11.36	11.90	12.36	12.73	12.63	13.16	13.60	13.12	12.27			

MONTHLY OBSERVATIONS: 636 MONTHLY MEAN: 12.31 MONTHLY MAX: 222.2

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-033-0001 POC: 3
 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: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	19.0	15.9	16.1	16.4	15.4	20.5	8.2	14.7	12.2	15.6	15.4	23.0	24.2	17.3	21.5	15.1	19.3	17.3	12.9	15.6	17.8	27.4	13.9	27.4	24	27.4	
2	26.7	15.9	8.0	11.2	7.5	9.7	13.4	10.9	14.7	11.2	9.4	7.2	4.5	11.4	11.0	10.7	13.2	10.4	10.2	10.9	18.3	14.2	17.3	15.9	24	26.7	
3	15.1	13.9	21.2	14.1	20.2	13.9	13.6	12.7	14.6	20.0	16.9	14.1	18.1	20.2	19.0	21.0	20.2	15.9	21.7	17.3	19.8	21.5	22.2	18.8	24	22.2	
4	23.2	25.2	19.0	14.2	19.5	17.3	18.8	18.5	12.9	13.2	16.8	14.4	16.1	17.1	15.9	15.4	14.9	19.5	10.2	11.9	18.3	20.5	17.6	16.1	24	25.2	
5	16.4	21.2	20.2	21.2	22.0	24.9	14.6	21.5	20.5	23.9	18.5	27.6	21.5	18.5	20.0	18.5	9.4	20.7	13.9	15.4	10.4	11.4	9.9	8.7	24	27.6	
6	10.7	8.7	11.9	13.4	12.9	14.9	10.9	11.2	11.2	15.9	12.4	20.0	25.2	25.2	31.0	21.5	21.5	14.9	15.6	16.3	13.2	19.7	19.0	16.3	24	31.0	
7	18.0	25.6	21.2	13.2	21.2	18.0	15.4	21.2	26.7	20.7	17.3	21.7	23.0	18.8	25.6	11.9	15.8	18.3	22.5	13.7	19.0	17.3	18.0	19.0	24	26.7	
8	20.0	20.2	17.8	23.5	23.9	23.9	15.9	23.0	23.7	17.3	14.6	20.7	29.3	24.2	22.0	24.9	29.0	30.7	30.0	25.9	23.2	25.4	23.4	18.0	24	30.7	
9	18.5	16.6	21.0	10.7	14.4	21.0	17.6	19.5	12.2	AX	BA	11.7	22.5	24.7	28.8	26.1	33.9	18.3	6.9	5.7	10.2	8.7	5.3	5.0	22	33.9	
10	11.7	10.2	14.4	12.9	13.2	12.4	11.2	17.3	18.0	22.2	20.0	22.2	22.5	24.2	17.8	16.1	15.6	13.2	12.4	17.8	13.9	16.3	10.9	12.4	24	24.2	
11	16.8	10.7	15.6	17.6	15.4	13.9	12.2	22.5	17.3	16.1	14.1	22.7	13.7	12.9	21.0	16.8	26.6	14.1	10.2	11.9	14.6	10.9	11.9	8.4	24	26.6	
12	12.7	16.1	8.4	13.2	9.7	12.2	10.9	15.8	13.6	14.6	16.8	17.1	9.7	12.7	17.3	5.3	6.5	9.7	19.5	8.9	11.2	18.5	16.1	13.6	24	19.5	
13	13.4	19.0	15.6	11.4	11.4	13.9	17.3	6.7	9.9	11.4	8.7	12.7	10.2	8.2	5.7	8.9	8.2	9.7	8.2	6.5	9.7	13.6	10.7	7.9	24	19.0	
14	9.7	5.7	17.1	11.9	9.4	10.9	12.9	11.9	8.7	13.4	14.9	9.9	9.4	16.6	4.8	4.3	5.5	11.4	10.9	12.7	7.4	6.0	8.2	7.5	24	17.1	
15	8.4	8.9	13.9	9.4	9.2	8.7	6.5	4.0	9.2	17.1	12.4	13.7	10.9	6.9	8.2	8.2	8.7	13.4	14.9	11.7	7.7	9.2	16.8	11.2	24	17.1	
16	18.0	6.7	9.4	13.4	14.4	10.2	12.7	15.4	16.3	13.4	10.9	7.7	4.5	13.6	10.4	11.2	12.2	15.1	13.6	8.4	9.7	8.4	4.0	8.9	24	18.0	
17	13.9	11.9	11.4	9.2	10.9	10.7	12.4	9.4	15.1	15.9	22.2	17.1	14.9	18.3	21.5	16.3	19.7	22.9	16.1	19.2	19.2	20.0	33.0	24.9	24	33.0	
18	23.2	19.2	24.7	29.3	26.4	25.1	27.6	23.4	23.2	22.2	17.1	11.7	12.2	15.1	15.1	18.3	18.8	16.8	23.9	22.5	17.3	5.0	6.0	11.7	24	29.3	
19	10.7	9.9	13.4	16.1	17.3	12.7	10.7	9.9	10.2	7.9	14.4	8.2	8.4	19.2	11.9	7.2	8.7	10.2	10.7	14.1	13.6	8.4	17.8	7.9	24	19.2	
20	4.3	8.7	7.2	8.4	9.7	5.7	5.0	8.4	8.2	6.2	6.5	8.2	10.4	8.2	11.4	6.5	3.1	14.1	7.9	6.7	4.5	6.0	5.0	5.5	24	14.1	
21	8.4	13.2	10.4	11.4	12.7	11.7	15.8	17.1	14.6	9.9	14.1	13.6	12.4	8.7	11.4	8.7	10.2	5.7	3.8	7.4	4.8	8.9	7.9	6.4	24	17.1	
22	7.7	7.9	6.4	5.0	2.5	13.6	7.7	6.0	7.9	12.1	8.4	9.4	10.2	6.7	13.6	9.7	14.6	9.4	10.2	10.4	14.4	11.7	11.6	19.0	24	19.0	
23	16.3	15.8	18.5	7.2	7.7	19.2	15.1	18.8	13.9	13.1	13.9	10.9	13.1	14.6	19.7	13.9	11.1	7.4	9.9	10.9	10.9	12.7	10.4	6.7	24	19.7	
24	15.3	11.6	9.7	15.8	9.9	8.2	13.1	12.6	22.0	13.9	11.6	30.2	23.4	17.8	15.6	10.7	9.2	11.9	10.1	7.7	6.9	12.4	9.4	10.6	24	30.2	
25	9.7	11.6	12.1	10.4	11.4	13.4	8.4	11.4	10.9	11.2	10.2	15.6	10.2	13.1	13.2	10.7	10.4	15.6	18.3	15.4	17.1	18.8	14.9	21.5	24	21.5	
26	24.7	28.1	23.7	18.0	20.2	23.9	23.4	10.2	18.8	17.1	12.2	19.0	12.9	16.3	15.8	16.8	AV	14.4	16.6	21.2	21.2	24.2	23.2	16.1	23	28.1	
27	18.3	16.6	20.0	20.7	18.5	18.3	22.7	20.7	20.7	21.7	BA	15.4	7.7	10.2	6.7	5.0	8.9	7.4	5.3	2.1	1.6	10.7	13.2	5.7	23	22.7	
28	7.9	6.5	9.4	6.7	9.9	8.2	12.9	12.2	8.7	12.4	12.4	10.9	7.5	12.4	10.9	10.4	10.7	8.7	11.4	9.9	15.6	14.6	12.7	14.9	24	15.6	
29	11.4	10.4	11.4	7.5	19.0	7.5	14.6	13.4	15.4	21.5	13.6	15.6	16.8	14.6	14.1	11.7	17.8	19.7	11.9	22.7	26.9	21.0	19.5	13.9	24	26.9	
30	17.1	16.6	19.3	15.4	19.5	16.8	13.7	15.9	16.8	13.7	18.8	18.8	13.7	13.4	15.4	13.9	18.0	11.9	23.4	17.3	19.5	12.4	13.2	13.6	24	23.4	
31	19.0	9.9	11.9	12.7	11.7	10.9	10.7	11.4	10.7	8.2	15.4	7.4	17.8	7.2	12.2	13.2	7.9	12.4	11.9	13.9	19.3	15.9	12.4	12.4	24	19.3	
NO.:	31	31	31	31	31	31	31	31	31	30	29	31	31	31	31	31	30	31	31	31	31	31	31	31	31		
MAX:	26.7	28.1	24.7	29.3	26.4	25.1	27.6	23.4	26.7	23.9	22.2	30.2	29.3	25.2	31.0	26.1	33.9	30.7	30.0	25.9	26.9	27.4	33.0	27.4			
AVG:	15.04	14.14	14.85	13.60	14.42	14.59	13.74	14.44	14.80	15.10	14.13	15.43	14.74	15.11	15.76	13.19	14.32	14.23	13.71	13.29	14.10	14.57	14.05	13.09			

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 14.35 MONTHLY MAX: 33.9

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-033-0001 POC: 3
 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: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: AUGUST 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	15.4	20.0	16.3	12.7	9.2	17.1	16.6	13.9	13.9	17.3	17.3	20.2	9.4	13.4	12.7	15.6	11.2	11.4	17.5	16.3	17.1	20.0	17.8	20.0	24	20.2		
2	19.5	14.4	21.5	19.0	14.9	13.4	21.0	12.9	18.0	13.6	AX	16.6	11.7	12.9	15.4	14.6	14.4	14.6	22.2	12.7	18.0	15.1	11.2	10.4	23	22.2		
3	11.4	13.9	17.1	10.9	16.1	8.2	19.2	15.4	17.1	16.6	11.7	15.8	14.4	17.1	16.1	7.9	18.0	16.3	11.7	14.6	8.2	9.7	16.1	14.4	24	19.2		
4	13.4	10.9	10.7	14.9	11.4	14.6	12.4	11.7	14.9	12.2	17.3	17.3	11.4	13.9	14.4	10.4	10.9	15.6	10.9	12.4	12.2	13.9	9.9	7.0	24	17.3		
5	7.2	6.2	6.7	6.7	6.5	4.8	4.8	5.0	10.4	9.7	10.4	9.9	8.4	7.2	6.5	4.8	3.1	11.2	6.2	3.0	2.3	4.5	2.3	3.5	24	11.2		
6	4.0	-.3	-4.0	2.8	5.0	4.0	4.5	4.8	4.5	11.4	8.9	6.5	8.9	5.5	5.0	9.7	7.4	8.2	7.2	6.0	9.2	5.0	-.3	3.1	24	11.4		
7	4.5	1.1	1.1	4.0	4.3	6.2	9.9	12.9	11.7	6.0	6.7	8.2	5.0	5.0	7.2	6.2	12.9	9.7	8.2	5.0	6.2	6.9	6.7	7.9	24	12.9		
8	6.0	6.9	5.7	5.2	7.4	8.4	12.9	11.9	7.9	6.4	5.5	9.4	6.9	10.4	6.0	3.5	5.2	5.2	4.3	9.4	8.7	8.7	6.9	2.0	24	12.9		
9	-.8	3.8	15.3	3.8	10.4	9.4	6.4	-.1	16.0	6.0	5.0	3.5	13.9	11.9	9.4	19.7	9.7	5.2	7.9	8.2	12.4	12.1	7.9	14.4	24	19.7		
10	4.0	-2.6	1.3	2.8	2.3	7.9	6.2	2.8	-.3	-.8	2.1	5.2	4.8	6.4	12.9	8.4	3.8	8.2	13.6	10.1	7.9	9.2	12.9	8.9	24	13.6		
11	9.9	5.7	2.3	.6	2.5	2.0	2.5	5.7	5.7	11.4	10.4	15.6	11.7	6.5	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	14	15.6	
12	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	0	
13	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AX	BA	BA	4.5	6.0	11.6	8.6	6.2	9.9	17.7	18.0	16.3	18.7	10	18.7		
14	12.4	16.5	10.6	18.9	14.5	13.6	11.3	12.1	22.6	11.6	13.1	11.3	7.6	10.1	6.9	3.7	8.6	12.3	9.3	8.6	8.4	11.1	12.1	16.3	24	22.6		
15	8.9	14.3	9.4	9.3	8.4	9.6	5.9	11.4	6.6	12.6	13.8	14.1	10.4	12.4	10.6	11.1	10.6	10.4	12.6	10.4	12.3	11.6	14.6	11.1	24	14.6		
16	13.1	13.3	14.1	12.6	13.8	17.0	16.3	10.4	18.5	16.3	16.8	13.1	19.0	14.6	11.6	7.2	9.1	17.3	7.1	23.6	20.4	17.5	12.6	14.6	24	23.6		
17	21.7	12.4	10.6	23.4	9.6	18.5	15.8	20.4	13.6	19.5	9.6	19.4	12.6	11.4	8.6	12.9	9.4	12.4	21.4	17.7	14.3	18.5	15.3	19.0	24	23.4		
18	15.6	15.3	11.6	10.6	15.6	13.9	12.6	17.5	18.3	11.4	16.3	8.2	8.2	5.2	6.2	6.7	5.7	12.1	10.4	8.7	13.6	13.6	13.1	11.1	24	18.3		
19	15.8	3.5	16.6	18.0	10.4	8.2	9.6	6.7	2.0	1.1	3.0	14.1	9.9	12.1	8.4	11.1	9.4	7.7	13.1	8.9	7.4	12.9	11.2	8.9	24	18.0		
20	11.4	11.4	16.1	12.6	10.4	11.9	10.7	14.1	14.4	16.1	13.1	14.9	11.4	8.9	21.9	14.6	9.2	15.3	14.4	11.4	10.6	18.0	14.6	21.4	24	21.9		
21	14.8	22.4	13.4	21.4	17.5	16.1	12.1	19.2	12.6	23.4	15.6	14.4	20.2	20.9	14.4	18.7	22.9	19.2	13.9	17.3	26.6	12.4	26.6	19.0	24	26.6		
22	20.7	14.9	16.6	15.1	17.1	17.3	16.8	15.3	13.9	18.3	21.4	10.7	10.4	17.8	17.5	15.8	9.9	9.9	25.1	8.2	16.3	15.8	16.8	16.1	24	25.1		
23	12.9	12.4	16.1	17.8	8.4	15.1	14.4	12.9	15.6	14.9	11.2	15.4	8.4	19.2	13.9	15.6	11.6	22.2	10.7	19.0	16.1	13.4	19.0	17.3	24	22.2		
24	13.6	15.1	15.3	12.1	18.0	16.1	9.1	19.5	21.2	8.4	AZ	AZ	6.9	6.7	17.8	12.4	9.4	13.9	10.4	12.9	11.2	10.7	11.1	16.1	22	21.2		
25	14.4	10.9	19.0	8.4	7.7	8.2	8.7	10.4	9.9	7.4	10.7	9.4	6.7	8.7	5.7	9.4	9.2	6.0	4.3	6.0	7.7	9.9	8.7	10.4	24	19.0		
26	6.2	10.9	10.2	10.4	7.2	6.7	12.1	7.7	6.9	11.9	9.2	5.7	5.0	4.0	6.9	4.8	1.8	1.6	-.6	6.2	5.5	4.0	7.7	7.4	24	12.1		
27	9.4	9.9	8.7	7.2	8.4	7.4	3.5	2.6	6.0	6.2	9.9	8.9	5.7	6.2	4.8	6.0	2.8	.8	2.8	5.3	6.0	7.2	7.7	5.0	24	9.9		
28	6.0	4.3	5.3	3.5	6.5	5.0	4.0	3.3	4.3	3.8	7.2	5.3	7.0	8.4	10.2	11.9	12.4	7.0	11.9	8.4	7.9	4.3	3.1	2.6	24	12.4		
29	2.3	1.3	4.0	5.0	10.7	7.7	11.7	11.9	15.6	14.9	17.3	21.2	16.1	16.9	8.7	15.8	15.9	10.9	13.2	12.2	17.3	19.0	15.6	17.3	24	21.2		
30	17.1	19.5	19.0	16.1	18.0	12.2	17.1	13.4	15.6	16.1	14.4	15.4	4.5	8.4	12.4	7.4	22.7	10.9	16.3	11.2	8.4	5.7	11.7	9.7	24	22.7		
31	7.4	15.8	15.6	10.2	10.9	10.4	10.7	6.7	8.9	6.0	1.1	.6	3.1	9.2	5.7	3.8	8.4	9.2	10.7	10.2	10.2	6.5	4.8	10.9	24	15.8		
NO.:	29	29	29	29	29	29	29	29	29	29	27	28	29	29	29	29	29	29	29	29	29	29	29	29	29	29		
MAX:	21.7	22.4	21.5	23.4	18.0	18.5	21.0	20.4	22.6	23.4	21.4	21.2	20.2	20.9	21.9	19.7	22.9	22.2	25.1	23.6	26.6	20.0	26.6	21.4				
AVG:	10.97	10.49	11.25	10.90	10.45	10.72	10.99	10.77	11.94	11.37	11.07	11.80	9.64	10.73	10.42	10.20	10.25	10.80	11.13	10.82	11.73	11.56	11.52	11.88				

MONTHLY OBSERVATIONS: 693 MONTHLY MEAN: 10.97 MONTHLY MAX: 26.6

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-033-0001 POC: 3
 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: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	9.4	4.5	5.7	14.4	14.9	10.4	13.6	8.2	5.7	4.5	5.5	10.2	7.9	7.7	7.0	17.1	6.2	7.7	11.7	8.2	15.9	6.0	4.5	3.8	24	17.1	
2	3.8	4.0	4.3	4.8	3.8	13.2	7.2	5.3	7.2	7.9	7.4	11.7	14.4	7.9	4.8	5.0	3.3	3.0	10.7	6.7	2.8	-1	1.8	5.3	24	14.4	
3	1.6	7.9	5.2	6.9	15.8	.8	5.5	4.3	5.7	8.4	16.1	10.9	12.2	11.4	15.8	7.2	7.9	4.5	3.5	10.7	12.7	19.5	9.9	9.7	24	19.5	
4	8.4	13.2	14.4	10.7	6.7	10.7	19.0	12.9	23.7	AX	BA	2.6	10.7	7.0	7.7	10.9	11.2	10.2	8.9	12.9	6.0	.6	4.0	3.3	22	23.7	
5	5.5	5.2	4.3	3.5	2.5	6.7	5.2	2.3	5.2	3.8	2.1	-.8	-3.0	-1.3	-.6	5.5	5.5	5.7	9.4	8.2	11.9	10.6	8.1	5.5	24	11.9	
6	6.5	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	1	6.5
7	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	BA	BA	BA	BA	8.2	8.2	9.2	6.2	6.2	8.2	10.9	7.2	7.4	7.4	9.4	10	10.9
8	9.4	9.7	20.7	13.6	9.4	7.2	8.9	18.7	21.7	8.9	12.9	7.9	19.0	5.9	11.2	8.9	5.9	3.0	4.5	3.5	6.4	5.5	5.0	13.9	24	21.7	
9	8.6	15.6	4.7	7.6	9.6	6.7	4.2	6.9	6.2	4.2	4.5	8.1	8.9	5.2	4.0	5.2	4.7	10.4	6.9	9.6	14.1	9.4	9.9	8.1	24	15.6	
10	11.1	11.6	7.7	4.5	4.5	12.1	9.1	7.9	8.9	9.6	8.9	5.5	4.5	2.1	6.7	8.2	4.3	2.0	4.7	6.2	8.4	6.0	5.5	5.7	24	12.1	
11	13.4	7.2	10.1	7.7	10.4	12.9	5.0	-.1	4.5	6.9	4.7	3.3	6.7	4.5	5.5	10.1	7.2	6.0	10.9	9.2	8.4	9.9	14.6	9.7	24	14.6	
12	10.9	11.7	19.0	9.7	14.4	15.6	9.7	9.7	6.2	9.4	14.6	11.4	6.5	6.0	5.5	5.5	7.4	6.5	4.8	9.4	9.2	12.1	9.4	10.4	24	19.0	
13	7.0	10.2	5.7	6.7	15.6	11.9	10.2	8.4	7.9	7.2	8.9	6.5	8.7	6.7	10.7	7.2	6.7	6.0	5.5	12.2	5.7	3.3	2.3	10.9	24	15.6	
14	14.4	10.9	10.2	9.7	9.4	6.5	5.5	5.2	4.3	4.3	3.1	4.0	2.8	9.4	5.5	-1.3	4.3	2.8	6.2	6.2	7.7	3.1	3.3	2.8	24	14.4	
15	7.0	8.4	5.3	12.2	8.0	12.9	8.2	3.3	6.5	10.4	15.1	15.9	10.9	9.7	12.7	21.2	20.5	13.2	11.2	13.9	18.5	2.6	10.7	10.9	24	21.2	
16	10.9	12.7	8.7	12.4	12.9	8.7	6.5	17.8	10.7	7.4	9.2	6.7	13.2	8.2	6.7	7.9	8.4	7.0	3.3	8.9	10.9	9.2	16.3	5.5	24	17.8	
17	6.7	7.2	13.2	9.4	6.2	11.4	10.2	6.2	11.9	12.2	6.5	8.7	7.0	5.8	6.0	3.8	15.1	9.2	12.4	9.4	9.2	13.9	9.4	8.2	24	15.1	
18	7.2	6.0	6.2	4.3	3.8	9.9	5.5	7.0	4.5	.4	4.1	8.0	5.3	1.6	1.4	-1.3	9.2	10.2	9.2	5.8	8.2	7.2	9.2	6.0	24	10.2	
19	7.5	7.0	18.0	11.9	13.4	9.4	6.5	3.1	10.4	8.2	BA	BA	BA	2.6	2.1	4.3	14.6	9.4	9.7	5.7	2.8	6.2	8.2	8.4	21	18.0	
20	13.4	12.4	10.9	10.2	11.4	9.7	5.7	1.6	8.7	11.6	7.7	3.1	4.8	9.7	8.2	9.7	5.5	10.7	7.0	12.2	12.2	12.9	12.7	14.1	24	14.1	
21	10.2	13.2	14.6	12.2	14.9	11.4	7.0	11.9	9.2	4.8	8.7	12.7	14.6	18.0	10.9	18.3	14.9	15.6	9.4	15.9	12.4	19.7	8.7	19.0	24	19.7	
22	15.6	11.4	14.4	13.6	17.6	11.7	20.5	12.2	13.9	18.3	18.5	18.8	10.9	10.2	9.2	18.5	17.3	7.0	AV	11.9	18.8	9.4	14.2	15.6	23	20.5	
23	11.7	9.9	11.7	9.4	19.5	10.2	11.4	9.2	11.4	7.4	7.7	4.5	6.7	4.0	2.1	2.6	1.3	6.2	6.0	3.8	1.8	8.7	7.7	8.2	24	19.5	
24	7.7	8.7	4.0	3.0	8.4	5.9	4.0	1.6	-4.0	-4.7	-.1	5.0	4.3	3.8	6.2	5.5	4.5	6.0	10.9	9.9	10.2	11.9	10.2	7.7	24	11.9	
25	7.9	8.9	10.2	16.1	12.9	14.1	13.4	9.4	6.5	10.2	7.2	6.7	9.0	9.4	11.0	9.7	15.6	9.4	6.5	15.6	14.2	12.9	8.5	18.1	24	18.1	
26	18.1	21.5	13.2	14.4	15.4	17.3	16.4	14.9	19.0	13.7	12.4	12.4	16.4	38.1	21.0	18.1	9.9	11.9	17.1	15.9	5.0	14.9	9.7	14.9	24	38.1	
27	13.9	11.7	17.3	15.1	17.6	14.4	11.9	10.4	14.2	12.2	14.2	12.2	9.9	14.7	12.7	9.5	10.5	17.3	15.9	15.4	15.6	13.2	15.1	14.2	24	17.6	
28	15.9	12.4	13.2	14.7	11.2	13.9	11.0	15.4	15.1	17.8	15.9	14.6	17.1	13.4	8.5	5.0	8.7	10.9	10.4	14.2	10.4	14.6	15.9	10.4	24	17.8	
29	7.2	3.3	17.3	9.7	14.9	18.3	11.9	11.0	10.2	11.2	11.9	7.9	16.1	17.1	10.2	11.4	8.9	8.9	15.1	9.4	6.2	8.5	5.0	10.4	24	18.3	
30	12.7	11.2	10.9	22.5	13.2	18.5	19.0	12.7	18.8	15.6	15.6	15.4	9.2	12.4	15.9	16.4	11.7	18.5	11.4	17.3	13.2	11.7	12.4	10.7	24	22.5	
31																										0	
NO.:	29	28	28	28	28	28	28	28	28	27	26	27	27	28	29	29	29	29	29	28	29	29	29	29	29		
MAX:	18.1	21.5	20.7	22.5	19.5	18.5	20.5	18.7	23.7	18.3	18.5	18.8	19.0	38.1	21.0	21.2	20.5	18.5	17.1	17.3	18.8	19.7	16.3	19.0			
AVG:	9.78	9.91	10.75	10.39	11.37	11.16	9.72	8.48	9.79	8.59	9.36	8.66	9.43	8.97	8.17	8.91	8.98	8.46	8.98	10.31	9.86	9.34	8.95	9.68			

MONTHLY OBSERVATIONS: 677 MONTHLY MEAN: 9.50 MONTHLY MAX: 38.1

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-033-0001 POC: 3
 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: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	9.2	19.3	17.8	13.7	10.2	18.3	9.9	15.4	9.9	15.1	10.4	10.2	15.1	15.9	13.4	14.6	9.9	17.1	12.2	8.9	12.2	7.7	12.7	12.7	24	19.3	
2	11.9	14.4	7.4	7.0	7.7	14.9	7.5	6.5	7.7	AX	BA	-2.0	-.8	2.6	4.8	1.8	-.3	1.3	3.5	4.0	6.7	5.3	2.1	-.3	22	14.9	
3	4.5	5.2	5.0	8.9	3.8	3.3	5.7	8.4	10.4	7.7	12.4	7.7	9.9	10.7	8.2	5.7	4.8	14.1	10.7	9.7	6.2	5.5	7.0	9.2	24	14.1	
4	8.2	15.4	6.2	14.1	7.5	10.7	7.2	5.5	14.4	8.9	16.1	10.2	15.4	6.2	13.7	9.4	10.2	9.7	8.2	16.8	9.7	10.9	15.6	11.7	24	16.8	
5	10.2	19.0	12.7	10.2	12.7	11.9	9.4	10.4	12.1	12.4	9.9	13.6	12.4	11.1	10.4	12.2	9.4	12.9	15.6	12.7	16.1	16.3	23.9	16.1	24	23.9	
6	20.2	15.1	15.8	22.9	9.2	18.3	16.1	17.3	17.8	16.3	14.9	13.2	17.3	12.7	8.4	7.0	8.2	12.4	9.4	5.0	6.2	6.5	4.3	6.7	24	22.9	
7	11.9	10.2	7.4	5.7	4.3	7.2	7.2	5.5	8.6	5.2	5.0	5.5	5.5	6.5	6.7	7.7	9.2	6.7	7.2	15.6	10.2	5.7	8.2	10.2	24	15.6	
8	6.4	7.7	8.7	5.2	6.0	7.2	6.9	6.2	9.1	9.1	11.1	9.9	6.4	4.5	2.0	6.9	6.7	7.7	4.2	2.5	5.0	10.4	10.9	6.2	24	11.1	
9	5.5	4.0	3.7	5.5	6.7	9.9	7.7	5.2	12.1	7.4	2.8	-2.1	-.1	6.0	6.7	5.5	7.9	5.3	4.0	7.4	7.0	9.9	8.4	9.7	24	12.1	
10	6.7	18.5	7.5	9.2	6.2	4.0	10.4	7.4	6.0	3.3	7.2	10.4	10.2	11.7	8.0	10.9	9.7	7.2	8.9	9.7	5.7	10.7	7.7	10.7	24	18.5	
11	17.5	9.9	11.4	15.3	16.8	15.3	10.4	6.7	3.3	7.0	2.6	.1	1.1	7.0	4.8	6.5	7.2	14.1	10.9	12.2	12.7	9.7	14.1	10.4	24	17.5	
12	11.2	11.4	7.9	14.1	8.4	8.7	8.9	19.0	2.3	3.3	1.8	4.3	9.4	6.5	4.3	14.9	7.5	4.5	4.0	11.2	11.2	12.2	11.4	7.7	24	19.0	
13	11.9	9.2	14.1	12.2	14.6	20.2	6.4	7.2	7.2	4.8	6.2	4.3	3.6	4.3	4.3	8.5	6.3	16.9	8.4	9.7	10.7	9.7	12.2	15.9	24	20.2	
14	14.1	18.3	12.4	9.7	16.3	8.9	10.7	15.4	4.3	3.6	4.8	9.7	8.2	7.5	7.2	7.0	13.2	14.7	9.7	14.4	10.4	15.2	9.7	14.7	24	18.3	
15	11.7	12.7	12.7	7.0	6.5	9.2	7.7	8.2	19.8	9.4	7.0	4.3	5.3	7.5	8.0	11.4	11.7	10.7	16.1	9.9	6.2	4.3	7.5	7.0	24	19.8	
16	14.4	17.1	23.7	9.7	10.2	10.4	8.7	13.9	10.2	5.5	12.7	8.2	8.2	6.2	5.5	5.0	10.2	7.4	12.7	10.7	10.9	9.9	11.2	9.2	24	23.7	
17	8.9	12.4	11.7	9.9	12.7	10.9	20.0	20.5	9.7	BA	BA	7.5	6.2	3.1	2.1	8.0	6.2	11.7	11.4	8.9	12.7	9.9	13.9	9.2	22	20.5	
18	13.6	12.9	12.9	16.6	13.1	9.9	18.0	14.6	8.2	3.3	4.0	3.1	4.8	3.8	2.8	6.7	6.7	4.5	8.7	12.4	9.2	7.0	6.2	11.4	24	18.0	
19	6.7	7.2	8.0	12.4	17.1	13.7	8.9	9.9	9.0	6.2	3.1	6.0	5.3	5.3	8.2	9.4	5.7	7.0	10.7	12.7	10.4	6.5	6.0	12.4	24	17.1	
20	11.9	12.2	16.8	13.6	14.9	12.6	11.6	8.2	8.4	13.9	10.2	14.9	12.4	8.9	11.7	9.2	7.7	6.0	7.0	7.7	7.2	5.7	6.0	7.2	24	16.8	
21	11.7	4.5	12.7	9.7	11.4	8.4	10.4	5.7	.8	-3.0	-2.3	6.2	5.0	5.5	8.9	4.3	6.2	6.2	17.1	10.2	13.6	13.9	11.7	10.9	24	17.1	
22	19.0	13.9	14.9	13.1	11.2	8.4	10.9	14.4	9.2	4.5	4.8	3.1	3.6	2.8	9.2	6.7	9.2	15.9	8.7	9.0	16.1	8.0	9.9	13.4	24	19.0	
23	15.4	15.9	19.8	24.4	12.9	18.8	25.2	14.9	15.6	17.3	9.2	9.0	9.7	9.2	7.2	8.0	12.0	9.9	14.7	16.6	15.4	9.5	19.3	18.3	24	25.2	
24	13.9	11.9	21.7	13.9	17.6	21.2	18.1	13.9	13.9	9.2	7.7	8.7	8.5	11.2	15.7	9.5	6.0	17.3	13.2	23.5	19.0	17.3	10.7	17.8	24	23.5	
25	18.1	18.6	22.0	17.3	19.5	24.2	17.3	15.4	20.8	10.7	8.2	8.5	6.8	6.3	10.2	10.0	18.3	1.6	13.1	9.4	10.7	9.2	10.4	9.9	24	24.2	
26	6.2	7.4	8.9	8.9	13.4	9.2	5.7	16.9	16.1	15.1	19.5	15.9	17.8	15.2	18.8	18.4	15.2	21.0	20.0	18.6	19.1	14.9	14.7	18.6	24	21.0	
27	15.7	11.7	9.2	9.2	8.2	9.0	8.0	7.0	4.3	6.8	6.0	2.9	2.4	3.9	3.4	7.3	6.0	9.7	11.0	6.0	3.1	4.3	5.8	4.3	24	15.7	
28	2.8	3.6	10.9	6.7	6.2	5.5	4.0	6.2	4.3	2.3	2.1	3.6	3.3	1.9	1.4	4.6	11.5	9.0	7.0	4.3	6.0	5.5	1.6	2.6	24	11.5	
29	7.7	6.0	2.6	.1	1.8	4.3	3.3	1.6	1.6	6.5	4.5	3.1	.3	-2.0	-1.3	1.3	3.1	.3	2.3	2.3	6.5	2.8	.6	1.1	24	7.7	
30	-.8	-.1	1.6	1.1	.6	3.8	5.5	1.8	-1.6	.6	-.1	-4.0	-3.8	-1.5	-2.8	1.4	2.6	1.3	3.1	4.3	3.8	4.3	4.8	3.1	24	5.5	
31	3.5	8.7	4.8	2.8	2.6	1.3	9.2	6.5	2.8	1.6	-1.0	-4.7	-.8	3.8	2.3	.0	4.8	2.6	3.6	4.8	2.1	1.1	4.8	6.5	24	9.2	
NO.:	31	31	31	31	31	31	31	31	31	29	29	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	20.2	19.3	23.7	24.4	19.5	24.2	25.2	20.5	20.8	17.3	19.5	15.9	17.8	15.9	18.8	18.4	18.3	21.0	20.0	23.5	19.1	17.3	23.9	18.6			
AVG:	10.64	11.43	11.38	10.65	10.01	10.95	10.22	10.18	8.98	7.38	6.92	6.17	6.73	6.59	6.91	7.74	8.16	9.25	9.59	10.04	9.74	8.70	9.46	9.82			

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 9.08 MONTHLY MAX: 25.2

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-033-0001 POC: 3
 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: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	7.0	7.5	4.5	4.0	8.2	5.5	7.4	4.3	6.0	4.3	.0	-.5	-.3	-.8	2.9	10.3	6.3	6.0	11.9	7.9	17.3	12.2	7.7	4.0	24	17.3	
2	2.6	7.2	8.7	6.5	6.5	5.7	5.3	6.0	11.9	11.4	BA	7.0	6.7	5.3	3.8	4.1	6.8	10.0	14.4	16.1	16.9	13.4	13.2	9.9	23	16.9	
3	9.2	7.9	10.9	9.9	7.7	7.7	5.0	7.2	6.0	3.3	.6	-1.5	1.4	.6	-1.5	-1.0	-.7	6.8	8.5	15.9	10.9	8.4	11.2	9.0	24	15.9	
4	8.4	8.0	10.7	11.4	9.7	8.4	5.7	10.9	9.4	6.5	5.8	7.7	6.0	2.4	1.6	4.3	4.6	7.7	14.2	13.2	11.7	13.2	8.2	7.2	24	14.2	
5	12.7	11.4	7.2	7.4	11.2	12.4	10.7	11.9	8.2	6.0	4.0	1.4	.1	3.4	5.3	3.4	8.5	8.2	14.9	17.8	12.2	9.4	9.2	14.6	24	17.8	
6	13.1	17.5	8.9	19.7	11.2	11.2	12.6	16.6	15.8	16.8	11.9	9.4	7.0	4.3	5.0	7.0	7.7	8.2	8.0	11.2	11.7	11.9	8.7	13.6	24	19.7	
7	10.4	10.2	14.9	9.9	8.7	11.4	10.4	9.2	9.4	6.0	7.2	6.5	8.0	9.7	6.0	9.2	12.0	16.9	15.9	9.5	8.0	8.7	14.6	8.9	24	16.9	
8	10.9	10.2	12.9	13.4	11.7	15.4	13.7	11.4	12.2	7.5	3.3	.9	1.1	AZ	1.4	.4	1.4	4.8	5.6	9.2	5.8	5.1	5.3	8.7	23	15.4	
9	10.2	12.2	8.7	7.0	10.2	12.2	11.9	18.5	9.2	7.5	5.5	2.1	.0	.4	-.2	1.2	3.2	5.6	18.8	14.7	12.2	10.7	14.2	20.3	24	20.3	
10	19.3	20.5	18.1	20.7	22.5	20.7	21.7	18.5	21.7	15.4	7.0	5.6	3.7	3.4	6.6	7.6	11.3	13.0	13.0	15.4	18.3	21.5	17.8	19.1	24	22.5	
11	29.8	33.0	26.9	31.3	36.9	33.0	33.7	30.0	20.8	15.7	12.0	9.0	7.6	5.6	2.5	10.1	12.3	8.8	8.3	8.1	15.9	8.0	16.9	15.0	24	36.9	
12	13.0	15.7	18.1	13.2	17.6	19.3	20.8	15.9	15.4	12.0	8.8	9.0	8.0	8.8	9.3	8.0	6.8	6.1	15.4	15.0	18.9	18.9	13.2	23.3	24	23.3	
13	13.3	20.8	1.2	3.4	6.5	4.8	5.8	5.1	3.3	3.1	3.1	4.1	4.1	3.1	1.7	4.6	3.1	6.0	9.7	15.2	11.7	6.7	9.2	9.7	24	20.8	
14	6.2	3.6	9.2	7.7	9.4	13.7	7.9	6.5	5.0	11.9	10.2	5.3	6.3	6.3	6.0	7.0	12.0	9.2	15.6	6.7	9.7	13.4	18.8	9.7	24	18.8	
15	16.6	8.5	10.0	10.7	12.7	11.2	12.4	9.4	13.4	13.2	7.2	6.5	6.3	7.5	5.8	5.1	4.6	3.8	5.8	6.0	5.5	5.8	8.2	10.7	24	16.6	
16	8.5	7.5	19.5	16.6	14.2	16.6	8.9	13.9	12.4	7.0	BA	BA	8.5	14.5	12.5	9.5	6.8	7.8	12.5	11.5	11.3	15.2	16.2	16.9	22	19.5	
17	12.5	16.4	11.0	13.5	12.2	8.5	20.3	9.7	11.5	14.0	8.5	7.8	7.8	6.3	3.6	2.4	3.4	7.3	4.1	5.8	10.0	7.3	8.5	12.0	24	20.3	
18	10.7	7.0	9.2	6.5	4.6	6.0	7.5	5.6	8.0	7.5	10.5	8.3	15.5	4.1	12.5	12.2	8.8	9.0	7.0	7.5	10.0	11.0	11.0	13.7	24	15.5	
19	14.2	11.5	10.3	8.3	12.0	10.0	16.2	11.0	6.8	6.5	11.7	6.6	3.9	6.3	4.9	3.9	.4	.0	4.8	10.0	8.3	4.8	8.0	7.8	24	16.2	
20	12.7	10.5	7.5	2.9	8.3	5.8	10.0	11.5	15.4	13.3	9.5	9.0	7.5	10.5	8.8	7.5	12.5	14.0	18.6	15.2	11.3	18.6	15.9	10.5	24	18.6	
21	13.0	13.5	13.7	18.8	10.5	13.2	11.2	17.4	11.7	12.3	16.4	11.5	15.2	8.8	10.2	13.2	14.7	36.9	11.0	16.2	10.0	13.5	11.2	12.5	24	36.9	
22	14.0	14.2	13.2	16.4	10.3	15.7	10.0	16.9	13.2	10.2	13.7	14.2	10.0	7.0	10.0	6.1	6.3	5.8	4.8	6.3	10.7	12.5	10.3	16.2	24	16.9	
23	21.3	16.2	11.5	9.7	11.2	8.3	11.0	15.9	14.0	10.0	10.3	12.5	9.8	14.0	14.7	15.7	22.5	16.2	15.4	19.3	15.0	9.3	5.3	5.3	24	22.5	
24	3.4	7.0	5.8	7.8	7.0	8.0	10.0	5.8	2.1	4.1	5.3	2.6	2.1	7.8	6.1	6.8	5.3	4.8	7.8	8.8	7.3	11.0	8.0	3.1	24	11.0	
25	5.1	6.8	10.5	9.0	11.0	13.2	8.8	8.3	10.2	7.8	7.8	6.3	8.2	8.5	7.5	5.1	10.5	11.5	10.8	10.5	14.2	10.5	12.7	11.5	24	14.2	
26	16.7	14.4	13.5	13.2	15.2	12.5	17.6	11.7	10.2	11.5	7.5	5.8	9.3	6.1	4.1	5.1	6.1	9.0	11.2	6.3	16.7	15.7	10.0	13.0	24	17.6	
27	16.7	19.3	21.3	17.9	19.6	24.7	17.6	23.8	21.3	20.8	21.5	20.1	19.1	24.7	19.6	24.5	25.5	29.1	18.6	21.8	20.6	22.3	18.1	15.7	24	29.1	
28	14.7	16.9	15.0	15.0	10.8	11.5	15.9	15.9	14.2	17.4	16.2	4.9	5.3	6.3	6.6	13.0	8.8	9.8	16.2	13.5	20.6	15.9	10.2	11.0	24	20.6	
29	10.5	7.5	7.3	7.0	6.0	9.5	6.3	16.2	14.7	13.7	10.5	5.6	8.0	5.3	5.1	8.0	6.3	15.9	12.5	17.6	14.5	18.1	19.6	25.0	24	25.0	
30	24.5	25.7	29.8	24.2	28.4	23.5	29.6	26.5	28.4	10.8	12.7	10.5	11.5	16.2	15.5	10.0	11.8	17.2	15.7	20.8	18.8	23.5	20.1	19.3	24	29.8	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	30	28	29	30	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	29.8	33.0	29.8	31.3	36.9	33.0	33.7	30.0	28.4	20.8	21.5	20.1	19.1	24.7	19.6	24.5	25.5	36.9	18.8	21.8	20.6	23.5	20.1	25.0			
AVG:	12.71	12.95	12.33	12.10	12.40	12.65	12.86	13.05	12.06	10.25	8.87	6.76	7.01	6.97	6.57	7.44	8.09	10.72	11.73	12.30	13.01	12.74	12.18	12.57			

MONTHLY OBSERVATIONS: 716 MONTHLY MEAN: 10.86 MONTHLY MAX: 36.9

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-033-0001 POC: 3
 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: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	19.3	25.5	25.5	23.5	26.0	22.8	24.8	31.3	19.3	25.0	21.8	14.2	15.0	10.3	14.7	10.5	16.2	11.3	27.4	26.0	16.9	15.9	14.7	19.3	24	31.3	
2	20.6	19.8	22.5	24.0	24.5	28.4	26.7	23.3	29.4	25.7	16.2	7.8	10.8	9.8	5.8	8.5	12.5	7.5	8.5	13.2	10.8	9.5	16.7	12.5	24	29.4	
3	16.4	13.5	12.8	14.5	14.0	14.7	19.6	13.5	9.3	9.3	11.5	11.3	5.6	1.0	5.6	5.4	12.5	7.8	13.7	13.5	10.5	12.3	21.8	14.0	24	21.8	
4	12.8	13.2	10.3	15.7	13.7	13.5	16.2	10.0	14.0	14.5	AX	BA	BA	9.5	11.8	7.3	11.0	12.0	14.0	14.5	19.1	9.3	8.3	9.0	21	19.1	
5	15.5	15.0	13.7	13.7	10.5	16.4	16.2	7.5	16.4	11.3	15.2	8.8	6.1	3.1	.2	.7	4.4	4.3	7.3	5.1	3.4	4.3	4.6	12.5	24	16.4	
6	7.7	7.0	5.3	4.3	7.0	18.1	9.7	10.2	8.7	11.0	6.5	5.1	4.6	4.6	4.6	17.6	14.4	10.5	9.7	9.5	6.0	5.3	11.0	4.6	24	18.1	
7	2.1	6.8	10.7	7.7	5.3	6.3	12.0	13.2	8.0	14.9	7.7	AV	AV	9.2	9.0	11.5	17.6	12.5	22.3	13.9	15.7	18.3	13.7	16.2	22	22.3	
8	14.0	16.9	6.5	9.0	9.7	13.5	18.6	16.9	27.7	27.2	26.2	14.7	16.9	22.0	15.0	15.9	16.9	14.2	23.5	23.3	16.9	22.0	22.5	21.5	24	27.7	
9	22.8	21.3	21.8	23.5	18.1	23.0	19.8	21.3	17.9	19.3	15.7	19.6	14.5	21.1	27.0	24.3	25.5	22.3	20.3	24.0	24.0	17.6	14.2	15.2	24	27.0	
10	18.1	17.9	13.7	14.7	15.2	14.0	18.6	15.9	19.6	16.7	8.3	7.8	9.0	9.7	8.2	11.5	6.8	6.8	4.8	5.8	6.8	9.5	5.6	4.3	24	19.6	
11	6.0	9.5	6.8	.9	1.6	2.9	4.5	4.1	2.1	3.3	4.6	3.3	6.3	3.8	3.3	7.7	4.3	6.2	4.3	1.6	4.1	5.3	4.3	1.6	24	9.5	
12	1.6	14.7	AN	9.0	14.4	11.2	7.0	3.1	11.5	10.5	8.5	6.7	6.5	7.5	8.7	11.0	10.5	9.7	9.0	9.9	9.7	12.4	10.2	9.7	23	14.7	
13	12.4	14.9	10.7	9.5	7.0	11.4	18.1	13.7	13.2	16.1	9.5	5.5	6.7	4.6	5.3	6.8	5.1	8.2	9.2	8.2	4.1	12.7	14.9	11.2	24	18.1	
14	10.5	16.6	9.0	15.4	13.0	11.7	12.5	13.4	9.7	8.7	10.0	9.5	7.5	5.8	7.5	13.2	9.0	10.7	12.5	16.1	14.2	8.5	18.3	12.7	24	18.3	
15	15.9	15.4	19.5	28.6	24.7	24.7	20.5	18.1	20.8	24.0	17.8	9.7	6.8	9.7	10.5	9.5	12.0	11.5	9.5	8.7	9.5	19.3	18.6	10.7	24	28.6	
16	17.6	15.2	22.8	14.7	13.7	20.3	17.4	17.4	24.2	21.3	17.1	14.7	21.3	17.9	17.4	17.6	15.0	23.5	21.3	26.0	18.8	23.0	18.8	10.0	24	26.0	
17	11.5	11.5	12.7	13.0	9.7	11.2	13.0	9.0	10.5	9.7	6.1	3.6	5.3	9.0	8.3	15.7	AN	AN	AN	AN	7.8	4.1	3.6	6.1	8.8	21	15.7
18	5.1	4.4	8.7	9.2	9.5	8.5	5.8	10.5	9.7	6.8	5.1	BA	BA	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	11	10.5
19	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	7.0	5.3	4.8	8.0	5.3	6.0	13.0	12.0	11.5	9.5	17.1	14.7	13.9	13	17.1	
20	11.7	17.9	14.2	13.9	9.5	14.4	10.2	11.5	11.0	7.7	10.0	8.7	10.0	11.7	13.2	9.7	13.7	12.2	13.7	9.0	6.8	2.9	1.6	4.8	24	17.9	
21	13.0	11.7	6.0	7.8	5.8	3.6	4.6	2.9	3.8	3.4	1.9	1.1	2.8	.6	-.3	.9	3.1	6.0	3.6	3.3	3.6	10.2	11.5	6.5	24	13.0	
22	4.6	3.3	5.5	4.8	4.6	2.9	.9	3.6	4.3	2.6	1.6	.4	.9	4.1	8.2	6.0	4.3	6.3	5.3	4.3	6.0	2.1	4.8	6.8	24	8.2	
23	8.2	11.2	7.0	4.3	4.3	7.7	8.2	3.1	6.5	6.3	8.7	6.5	9.2	5.3	3.6	8.2	5.3	4.6	7.0	6.5	11.7	7.5	4.3	7.3	24	11.7	
24	6.5	6.3	12.0	9.2	15.7	8.2	16.2	10.7	10.3	9.2	12.5	10.2	12.5	17.9	8.7	5.6	14.0	15.7	8.0	14.2	16.9	16.4	10.2	10.2	24	17.9	
25	6.8	4.8	5.3	3.6	11.7	10.2	13.0	11.0	12.5	7.5	10.7	6.0	7.3	8.3	7.0	18.8	9.0	14.2	16.4	18.6	14.4	13.7	12.0	10.7	24	18.8	
26	18.1	15.9	13.0	14.0	12.2	13.0	8.5	11.2	7.5	11.5	6.8	13.5	8.8	2.4	-1.7	2.4	3.1	7.0	5.8	3.9	2.9	6.3	4.3	6.8	24	18.1	
27	6.8	11.0	6.3	1.6	-.3	4.3	5.8	6.3	6.5	6.3	5.3	4.6	6.5	AN	3.1	3.4	5.8	7.5	9.7	10.5	6.0	8.7	11.0	7.7	23	11.0	
28	5.3	AM	9.5	10.7	9.5	11.2	7.3	9.7	11.0	9.7	7.0	11.2	8.5	6.5	6.5	5.5	4.6	4.3	10.2	15.4	9.2	10.2	13.0	10.7	23	15.4	
29	16.9	13.2	12.7	12.7	11.0	13.2	16.9	15.2	18.4	9.5	15.2	19.6	11.0	7.3	4.1	2.4	4.1	5.1	4.3	6.0	5.1	6.5	4.3	7.8	24	19.6	
30	6.5	5.8	4.3	9.0	5.8	4.3	9.2	8.3	5.3	5.3	5.1	4.3	5.3	10.0	5.8	8.2	6.0	8.7	8.2	5.8	15.2	8.5	6.0	6.5	24	15.2	
31	8.0	6.5	9.2	6.0	4.8	7.8	10.8	11.7	11.7	9.0	16.2	9.2	8.2	10.5	9.0	8.0	8.8	6.5	12.5	33.5	14.4	19.1	10.5	11.2	24	33.5	
NO.:	30	29	29	30	30	30	30	30	30	30	29	28	28	29	30	30	29	29	29	30	30	30	30	30	30		
MAX:	22.8	25.5	25.5	28.6	26.0	28.4	26.7	31.3	29.4	27.2	26.2	19.6	21.3	22.0	27.0	24.3	25.5	23.5	27.4	33.5	24.0	23.0	22.5	21.5			
AVG:	11.41	12.64	11.66	11.62	11.07	12.45	13.09	11.92	12.69	12.11	10.65	8.74	8.54	8.55	7.94	9.30	9.71	10.00	11.52	12.32	10.54	11.27	11.08	10.16			

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: 10.89 MONTHLY MAX: 33.5

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

(88101) PM2.5 - Local Conditions

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: ID2=307

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: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	14.9		5.3					10.2				
2						7.1	AC				6.9	11.4
3		9.3		15.2	10.5				6.9	6.2		
4	9.4		4.9					9.9				
5						8.6	AC				8.5	9.6
6		BJ		7.6	7.8				8.6	AN		
7	11.2		11.5					4.7				
8						8.1	AC				9.6	9.9
9		11.0		6.3	5.7				4.3	AN		
10	10.9		6.8					6.7				
11						5.0	AC				12.6	2.6
12		4.0		.7 V	16.2				12.6	8.6		
13	3.3		11.3					9.5		7.6		
14						8.2	5.1				8.5	14.1
15		11.1		13.9	4.3		5.7		13.3	5.2		
16	17.8		8.0					11.1		9.9		
17						10.0	10.1				11.4	6.8
18		12.7		4.3	13.7		9.2		AV	11.4		
19	9.0		11.0					10.3				
20						AF	4.6				13.6	14.5
21		12.9		9.2	8.7				11.1	8.0		
22	10.7		9.0					11.6				
23						AC	7.7				10.7	7.5
24		8.2		4.9	14.2				6.0	12.8		
25	9.0		4.0					11.7	8.3			
26						AC	12.1				12.2	3.8
27		10.4		13.1	8.5				13.4	9.2		
28	7.4		15.8					8.4				
29						AC	10.4				22.8	11.6
30				16.0	6.7				8.1	2.0		
31	10.5		8.7					5.0				
NO.:	11	8	11	10	10	6	8	11	10	10	10	10
MAX:	17.8	12.9	15.8	16.0	16.2	10.0	12.1	11.7	13.4	12.8	22.8	14.5
MEAN:	10.37	9.95	8.75	9.12	9.63	7.83	8.11	9.01	9.26	8.09	11.68	9.18
ANNUAL OBSERVATIONS:		115		ANNUAL MEAN:	9.31	ANNUAL MAX:	22.8					

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.

(88101) PM2.5 - Local Conditions

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: ID2=307

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: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1								10.0				
2						7.0	AC					
3		8.4		15.9	10.3							
4	9.9		5.3									
5											9.5	9.2
6									9.2	10.8		
7								4.4				
8						8.4	AC					
9		11.6		7.0	5.8							
10	11.1		5.9									
11											12.7	2.8
12									12.3	8.7		
13								10.0				
14						AN	4.9					
15		11.5		12.9	4.5		5.4					
16	17.8		7.7									
17							10.5				11.3	6.6
18									AV	11.4		
19								10.3				
20						AF	4.7					
21		13.5		9.6	8.4							
22	10.0		9.5									
23											11.4	8.3
24									7.0	13.0		
25								11.8	8.9			
26						AC	11.8					
27		10.5		11.9	8.4							
28	6.1		15.9									
29											22.0	11.3
30									8.4	2.0		
31								5.3				
NO.:	5	5	5	5	5	2	5	6	5	5	5	5
MAX:	17.8	13.5	15.9	15.9	10.3	8.4	11.8	11.8	12.3	13.0	22.0	11.3
MEAN:	10.98	11.10	8.86	11.46	7.48	7.70	7.46	8.63	9.16	9.18	13.38	7.64
ANNUAL OBSERVATIONS:		58		ANNUAL MEAN:	9.49	ANNUAL MAX:	22.0					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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(88101) PM2.5 - Local Conditions

SITE ID: 37-037-0004 POC: 1
 COUNTY: (037) Chatham
 CITY: (52660) Pittsboro
 SITE ADDRESS: 325 Russett Run Road
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 35.757222
 LONGITUDE: -79.159722
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 121
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	6.5		6.0					10.5 X				
2						4.0	8.2 X				8.5	AN
3		6.1		9.1	9.5				7.2 X	8.0 X		
4	5.1 V		3.8					7.3 X				
5						5.7	14.3 X				7.0	AN
6		5.8		4.0	7.1				5.2 X	10.1 X		
7	9.8		7.0					3.4				
8						6.9 X	16.5				7.1	9.0
9		4.8		5.6	5.5				3.5 X	5.6		8.5
10	4.4		5.2					4.7				
11						5.0	7.1				11.8	3.1
12		2.0		4.9	8.7				6.0 X	6.3 X		AJ
13	2.7		10.0					9.0 X				
14						4.5	5.5				6.8	7.8
15		8.8		8.9	5.2				5.0 X	4.3		
16	8.5		16.9					13.3 X				
17						5.9 X	11.0 X				6.3	3.6
18		12.1		5.9	6.4				2.7	6.5		
19	5.9		8.7					8.1				
20						17.5 X	7.8 X				4.7	6.8
21		7.3		8.3	5.0				7.4 X	5.1		
22	7.5		3.8					9.4				
23						BJ	8.2 X				8.8	4.7
24		8.0		4.3	13.1 X				4.4 X	11.2		
25	BJ		4.0					6.7				
26						6.4 X	11.5 X				9.2	3.7
27	3.6	5.8		11.5	3.8 X				11.1 X	4.3		
28	4.6		AM					4.8				
29						14.7	BJ				9.8	5.9
30				11.6	5.5				6.7	2.1		
31	11.7		10.0					6.6				
NO.:	11	9	10	10	10	9	9	11	10	10	10	9
MAX:	11.7	12.1	16.9	11.6	13.1	17.5	16.5	13.3	11.1	11.2	11.8	9.0
MEAN:	6.39	6.74	7.54	7.41	6.98	7.84	10.01	7.62	5.92	6.35	8.00	5.90
ANNUAL OBSERVATIONS:		118		ANNUAL MEAN:	7.21	ANNUAL MAX:	17.5					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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(88101) PM2.5 - Local Conditions

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: ID2=601 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: 2.38

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1								9.3				
2						5.5	11.1					
3		7.8		8.6	BJ							
4	8.5		5.0									
5											9.7	8.5
6									8.1	17.8		
7								4.5				
8						11.1	16.2					
9		10.7		2.1	6.3							
10	7.5		7.8									
11											14.6	8.0
12									7.1	10.2		
13								12.1				
14						5.4	4.7					
15		10.3		10.2	6.7							
16	8.2		13.0									
17											8.8	4.5
18									3.7	6.0		
19								9.5				
20						17.7	7.7					
21		8.9		8.6	5.2							
22	8.5		3.0									
23											16.0	8.1
24									6.7	10.8		
25								9.2				
26						7.1	16.7					
27		7.4		14.7	4.2							
28	5.8		14.4									
29											17.7	7.1
30									6.7	2.8		
31								8.7				
NO.:	5	5	5	5	4	5	5	6	5	5	5	5
MAX:	8.5	10.7	14.4	14.7	6.7	17.7	16.7	12.1	8.1	17.8	17.7	8.5
MEAN:	7.70	9.02	8.64	8.84	5.60	9.36	11.28	8.88	6.46	9.52	13.36	7.24
ANNUAL OBSERVATIONS:	60		ANNUAL MEAN:		8.88		ANNUAL MAX:		17.8			

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

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(88101) PM2.5 - Local Conditions

SITE ID: 37-057-0002 POC: 1
 COUNTY: (057) Davidson
 CITY: (38060) Lexington
 SITE ADDRESS: S.SALISBURY ST
 SITE COMMENTS: SITE LOCATED AT WATER TOWER AT CORNER HWY 8 & MAIN ST.
 MONITOR COMMENTS: ID2=409

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 35.814444
 LONGITUDE: -80.2625
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 241
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	17.4		AJ					13.0				
2						5.5	9.6				10.8	16.1
3		8.1		9.9	12.1				7.2	7.0 TT		
4	9.2		5.3					11.1				
5						7.9	13.7				8.4	24.0 IE
6		8.8		6.7	9.4				9.2	13.6		
7	11.8		10.4					6.4				
8						10.5	21.0				13.9	15.0
9		8.3		6.8	6.2				5.6	4.6		
10	10.6		7.0					7.1				
11						5.3	10.4				15.3	3.7
12		4.2		5.6	10.3				10.0	9.8		
13	2.6		11.2					11.2				
14						7.0	6.5				7.6	15.9
15		11.3		15.4	6.1				13.9	6.6		
16	13.6		8.5					14.0				
17						8.7	14.4				8.8	8.5
18		13.2		10.5	12.2				2.7	10.0		
19	6.3		14.1					7.8				
20						18.3	10.1				12.1	12.3
21		15.7		11.9	7.6							
22	10.3		11.1					11.5				
23						15.5	12.3				17.2	12.0
24		9.7		6.3	16.4				6.3	17.4		
25	12.4		3.8					10.5				
26						6.6	14.5				14.6	5.1
27		12.5		12.4	4.9				13.0	7.2		
28	7.4		16.5					6.1				
29						16.9	12.5				20.2	11.1
30				15.8	7.8				9.5	2.1		
31	8.6		10.3					8.3				
NO.:	11	9	10	10	10	10	10	11	10	10	10	10
MAX:	17.4	15.7	16.5	15.8	16.4	18.3	21.0	14.0	13.9	17.4	20.2	24.0
MEAN:	10.02	10.20	9.82	10.13	9.30	10.22	12.50	9.73	8.89	8.69	12.89	12.37
ANNUAL OBSERVATIONS:		121		ANNUAL MEAN:	10.39		ANNUAL MAX:	24.0				

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-061-0002 POC: 1
 COUNTY: (061) Duplin
 CITY: (35460) Kenansville
 SITE ADDRESS: 328 Limestone Road
 SITE COMMENTS:
 MONITOR COMMENTS: ID2=801

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: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	9.5		8.0					7.2				
2						5.9	AG				9.0	11.5
3		6.4		5.0	AN				10.7	AJ		
4	4.2		4.6					6.1				
5					7.0	AN	19.0				8.7	4.9
6		9.4		3.5	BJ				6.4	14.0 6		
7	19.8		6.5					3.4				
8						AN	14.7				7.8	10.2
9		12.4		7.7	4.4				5.7	3.9 6		
10	9.3		7.3					6.7				
11						AN	7.4				10.8	9.9
12		3.3		5.5	8.7				5.5	8.2 6		
13	3.6		10.7		6.1			10.5				
14						8.0	3.9				9.3	6.6
15		9.2		6.6	5.4	6.0			7.7	9.3 6		
16	6.3		6.8					13.0				
17						6.3	8.4				7.0	5.5
18		9.2		9.5	5.8	16.0 IT			AV	5.0 6		
19	BJ		11.8					8.1				
20						14.7 IT	8.8				8.7	6.8
21	7.0	6.0		4.2	3.6				7.1	5.9 6		
22	14.0		3.6					5.0				
23						8.4	8.0				10.2	4.7
24		8.3		5.2	6.0				5.8	8.4 6		
25	2.0		4.3					7.2				
26						5.2	16.7				7.5	AH
27		8.2		AN	3.7				8.1	3.1 6		
28	4.0		10.3					2.9				
29						19.9	9.0				14.7	5.7
30				9.4	3.5				5.9	2.4 6		
31	8.0		9.2					8.2				
NO.:	11	9	11	9	10	9	9	11	9	9	10	9
MAX:	19.8	12.4	11.8	9.5	8.7	19.9	19.0	13.0	10.7	14.0	14.7	11.5
MEAN:	7.97	8.04	7.55	6.29	5.42	10.04	10.66	7.12	6.99	6.69	9.37	7.31
ANNUAL OBSERVATIONS:		116		ANNUAL MEAN:	7.77		ANNUAL MAX:	19.9				

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-061-0002 POC: 3
 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: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MARCH 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	0		
2	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	12.8	16.9	18.4	16.0	19.6	18.6	31.3	27.6	19.3	8.7	7.2	5.5	5.5	13	31.3	
3	4.5	4.8	5.8	6.7	8.2	8.5	8.5	9.2	5.7	.8	1.6	4.1	4.8	4.3	1.3	-.6	2.6	3.3	2.1	3.3	1.6	.8	5.3	6.5	24	9.2	
4	7.2	10.1	9.1	7.6	8.1	9.9	10.8	9.4	7.4	5.9	6.2	9.6	8.4	5.2	4.5	2.8	4.3	6.4	9.4	10.1	5.7	4.0	4.0	4.2	24	10.8	
5	5.4	4.2	4.0	3.7	4.7	5.4	4.0	5.7	5.0	3.0	.3	4.0	8.2	3.5	1.0	1.8	2.5	4.3	5.0	2.5	3.0	4.7	4.2	6.2	24	8.2	
6	7.1	6.2	5.7	4.5	4.5	7.1	7.9	5.7	6.9	8.4	8.1	5.5	5.2	5.7	5.2	3.0	4.5	5.0	5.4	11.1	8.6	6.4	8.1	9.4	24	11.1	
7	10.8	11.1	10.1	8.6	6.2	7.4	8.4	6.2	5.9	8.4	8.9	4.0	4.8	6.7	3.1	3.5	8.4	8.2	5.2	7.7	8.7	5.7	7.2	12.5	24	12.5	
8	14.4	12.5	10.3	7.4	5.7	7.4	6.7	2.3	2.8	5.7	6.5	4.5	4.5	6.5	8.2	11.1	10.2	7.9	4.3	2.8	5.7	4.5	1.8	1.8	24	14.4	
9	3.1	3.1	5.3	5.2	2.3	4.3	4.5	1.3	3.3	7.7	7.9	7.9	6.7	6.5	8.4	7.9	6.2	6.7	8.9	8.4	8.9	11.1	10.1	9.1	24	11.1	
10	5.2	5.2	6.7	5.7	7.9	7.2	7.9	10.4	11.8	9.1	6.4	7.7	7.9	7.7	7.2	8.4	5.5	3.8	7.7	8.9	21.2	3.5	6.4	8.1	24	21.2	
11	6.9	7.4	8.1	7.1	5.9	6.4	6.9	8.1	9.6	6.4	2.3	2.1	.8	-.1	.8	.6	1.6	4.3	4.3	3.3	4.2	6.7	5.9	4.5	24	9.6	
12	4.7	3.7	4.5	4.2	4.0	5.0	7.6	8.9	5.0	3.8	3.3	4.5	4.1	2.6	7.5	8.9	5.7	6.2	7.4	7.7	7.2	7.2	5.0	3.5	24	8.9	
13	4.5	4.3	6.7	9.9	11.8	9.9	10.9	11.8	7.4	6.7	6.2	5.3	6.5	5.5	3.8	4.1	5.8	9.4	9.2	18.6	29.6	24.6	26.9	17.9	24	29.6	
14	7.2	6.2	6.2	8.9	9.7	8.9	15.4	11.4	BA	BA	BA	10.4	10.9	12.8	11.4	8.0	9.7	11.6	8.7	7.7	11.9	19.8	21.2	20.5	21	21.2	
15	25.6	24.6	24.4	24.2	26.1	19.8	25.9	19.1	21.5	19.8	17.7	12.6	13.1	11.2	9.2	10.0	12.4	13.8	11.1	7.5	7.7	6.2	5.3	6.7	24	26.1	
16	6.5	9.7	11.1	8.5	9.9	12.3	8.7	6.7	7.5	6.5	9.9	9.0	3.6	5.5	7.5	7.2	9.5	11.2	11.6	16.9	5.3	5.0	5.5	3.3	24	16.9	
17	.8	3.8	4.3	1.8	4.3	4.8	3.1	4.3	7.0	11.4	17.7	18.4	10.5	8.2	9.0	9.7	9.0	10.9	9.9	9.0	10.7	16.2	20.5	22.2	24	22.2	
18	16.7	15.5	11.6	12.4	12.6	13.3	14.3	9.7	6.0	5.3	5.5	8.0	8.7	10.0	11.9	12.4	11.4	11.9	12.4	15.0	11.9	11.9	11.1	10.7	24	16.7	
19	10.9	12.4	11.6	10.7	12.1	9.0	7.2	21.7	15.5	11.2	16.7	14.0	12.1	17.7	13.3	18.9	21.3	11.2	12.8	14.3	15.2	16.7	17.1	14.7	24	21.7	
20	19.3	25.9	20.0	16.7	17.4	14.7	16.7	20.5	40.1	28.6	12.8	15.7	13.1	12.4	10.7	10.0	11.6	12.8	10.4	10.9	13.3	11.9	12.1	15.9	24	40.1	
21	14.5	16.2	15.4	16.7	11.6	16.2	14.7	11.6	10.4	7.7	4.3	5.8	6.3	4.3	4.3	5.3	2.9	3.6	4.8	5.0	7.2	7.0	3.6	2.3	24	16.7	
22	4.3	5.0	5.3	7.0	6.7	6.7	5.7	5.3	6.5	4.8	5.1	3.4	2.6	3.8	1.6	4.6	6.5	4.1	3.6	5.5	5.5	3.8	5.0	5.7	24	7.0	
23	3.8	3.6	3.6	3.3	3.6	4.5	2.3	3.3	6.7	7.2	9.0	9.7	10.9	9.7	9.5	9.7	7.2	6.3	5.1	3.6	4.1	4.3	3.3	3.6	24	10.9	
24	4.8	5.3	4.3	4.1	5.5	6.2	4.6	4.8	7.0	8.0	9.0	6.5	7.2	8.0	4.1	3.8	5.0	6.5	8.2	6.0	6.5	7.7	4.0	4.0	24	9.0	
25	5.5	4.5	3.8	4.1	4.1	2.6	3.6	3.3	2.9	4.6	4.3	8.5	9.2	7.7	6.7	5.5	6.0	5.3	7.2	6.0	3.1	4.5	3.1	2.1	24	9.2	
26	2.8	1.8	1.8	2.3	6.5	9.4	9.2	8.7	9.2	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	9	9.4
27	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	0	
28	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	8.4	9.2	15.9	13.5	13.8	13.3	20.8	15.0	19.6	15.9	15.7	15.7	21.2	14.0	14	21.2	
29	18.6	20.7	17.6	17.4	18.1	25.6	23.4	23.7	19.5	20.8	15.2	15.2	11.6	9.9	8.5	6.3	6.3	7.2	7.4	10.6	11.3	10.9	15.4	9.9	24	25.6	
30	7.2	5.0	8.2	11.8	10.6	7.7	6.9	7.2	6.2	4.5	4.8	7.0	10.9	15.0	16.5	18.9	15.0	14.5	14.5	13.8	15.7	20.3	15.9	18.3	24	20.3	
31	16.4	20.0	21.9	21.9	19.8	20.7	17.1	13.1	13.8	14.2	11.9	10.7	9.7	5.5	3.1	1.1	.9	.6	1.6	3.1	3.1	5.0	5.3	7.5	24	21.9	
NO.:	27	27	27	27	27	27	27	27	26	25	26	28	28	28	28	28	28	28	28	28	28	28	28	28	28		
MAX:	25.6	25.9	24.4	24.2	26.1	25.6	25.9	23.7	40.1	28.6	17.7	18.4	16.9	18.4	16.5	19.6	21.3	31.3	27.6	19.3	29.6	24.6	26.9	22.2			
AVG:	8.84	9.36	9.16	8.98	9.18	9.66	9.74	9.39	9.64	8.82	8.08	8.43	8.40	8.13	7.43	7.71	8.26	8.69	8.76	9.09	9.33	9.05	9.29	8.95			

MONTHLY OBSERVATIONS: 657 MONTHLY MEAN: 8.84 MONTHLY MAX: 40.1

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-061-0002 POC: 3
 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: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	9.2	7.5	7.2	6.0	7.9	15.2	12.3	11.6	11.6	11.6	10.2	10.2	9.7	11.4	11.9	8.0	10.7	12.3	8.7	10.2	11.9	10.7	9.2	9.2	24	15.2	
2	8.7	7.0	8.5	8.5	7.5	10.9	13.1	9.4	9.0	9.9	10.4	12.4	11.4	9.0	7.2	7.0	8.7	6.7	6.2	9.9	8.7	6.9	6.4	4.7	24	13.1	
3	6.4	7.6	6.7	8.4	6.2	4.5	2.5	-1.1	3.3	5.7	5.0	3.8	1.8	1.6	3.1	4.6	5.3	7.5	7.5	4.0	3.8	5.0	5.5	5.5	24	8.4	
4	2.3	.8	6.0	7.9	4.8	6.0	7.2	6.7	7.8	AX	3.6	2.6	6.8	8.0	8.5	7.3	7.0	7.2	6.8	9.2	8.0	3.8	2.8	3.1	23	9.2	
5	5.5	10.2	9.4	8.9	10.4	7.7	8.5	11.9	15.7	16.6	13.3	10.6	4.5	5.0	6.9	4.3	5.5	7.7	7.4	5.2	5.2	5.0	3.8	4.2	24	16.6	
6	3.0	4.0	5.4	4.2	4.7	4.7	3.0	5.0	8.4	4.7	1.5	5.5	8.7	6.9	5.2	6.0	6.5	7.0	8.4	8.2	5.4	2.5	.8	3.7	24	8.7	
7	5.9	3.8	3.0	3.5	1.8	-.7	1.0	4.5	5.0	2.3	.8	.3	2.1	5.0	3.6	1.8	3.1	3.1	3.1	3.8	5.9	7.9	5.4	6.4	24	7.9	
8	6.9	5.7	9.6	15.6	9.4	7.9	6.4	7.4	8.9	9.4	7.7	4.8	3.3	3.8	4.6	3.8	4.1	4.8	6.2	6.5	5.5	8.7	9.7	7.9	24	15.6	
9	8.7	8.2	9.2	8.4	8.7	10.1	7.4	6.4	6.0	5.2	7.0	5.5	2.9	4.1	4.3	4.8	5.8	6.7	8.2	6.9	6.0	8.4	10.1	8.2	24	10.1	
10	7.7	8.9	9.1	11.3	15.9	13.2	14.9	10.6	11.6	8.2	5.3	5.5	5.3	5.0	5.3	AX	8.7	9.2	9.9	8.4	9.9	11.6	9.4	9.4	23	15.9	
11	8.4	10.9	13.3	9.2	6.2	7.4	8.1	7.4	6.5	6.0	5.2	4.5	5.3	4.8	6.0	8.2	6.7	5.7	6.0	7.9	8.6	7.4	10.1	10.8	24	13.3	
12	10.8	9.1	8.1	9.6	11.1	9.6	6.2	6.9	8.2	7.9	6.7	2.6	1.6	4.0	3.1	2.8	3.1	1.6	3.5	7.2	5.7	4.2	6.7	10.4	24	11.1	
13	10.9	9.4	11.6	11.1	9.9	10.8	10.4	15.7	21.2	9.1	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	10	21.2
14	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
15	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
16	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	5.3	6.5	9.0	10.0	10.0	11.9	10.9	7.5	7.2	9.0	9.2	7.2	3.8	5.0	14	11.9	
17	8.5	7.7	15.5	7.5	7.5	9.4	12.1	13.1	11.7	9.7	10.7	12.6	13.1	13.4	17.2	19.6	17.7	20.6	15.2	19.3	13.6	13.1	13.3	15.0	24	20.6	
18	12.1	13.1	14.0	15.5	16.4	13.3	19.8	17.2	15.0	16.9	17.9	11.4	12.9	13.3	13.1	7.3	5.5	9.5	9.0	10.9	10.7	10.7	12.6	11.6	24	19.8	
19	9.2	7.7	7.5	8.2	9.9	9.4	8.2	8.0	9.2	16.2	15.9	10.2	15.2	12.1	10.2	9.2	9.7	9.2	9.9	8.7	8.2	9.5	9.2	9.5	24	16.2	
20	10.9	11.6	11.9	11.9	10.9	9.4	8.7	16.9	16.4	14.3	14.3	13.1	12.6	13.8	11.4	10.0	9.5	10.0	11.2	11.9	9.7	5.5	5.0	4.1	24	16.9	
21	3.8	6.5	6.0	6.7	7.0	5.8	8.2	6.5	8.3	9.2	7.0	7.5	9.2	9.7	9.5	9.2	7.5	9.2	8.2	7.2	7.7	9.7	8.7	2.6	24	9.7	
22	.9	3.6	6.0	7.0	7.0	6.3	5.0	4.1	4.8	5.3	1.6	1.9	2.9	1.6	2.9	4.8	4.6	3.6	4.3	2.1	2.3	4.5	4.3	4.3	24	7.0	
23	2.3	1.5	4.2	4.0	3.0	4.9	3.7	3.0	4.2	5.9	8.6	9.1	7.2	5.7	8.6	8.4	4.7	4.2	4.4	7.1	10.1	8.8	7.4	6.4	24	10.1	
24	4.4	5.7	5.2	7.4	11.0	11.3	10.3	7.1	7.2	6.2	4.5	5.9	6.2	5.7	5.7	4.5	5.2	7.7	10.1	9.9	9.1	10.1	9.3	7.9	24	11.3	
25	7.8	8.6	8.1	7.1	8.6	11.3	11.5	10.3	10.1	10.8	9.6	5.7	2.3	3.5	7.4	7.9	4.3	5.7	9.6	8.9	6.9	8.9	11.3	16.1	24	16.1	
26	11.3	16.8	12.8	12.8	16.4	15.6	15.9	14.4	15.4	18.6	12.1	11.8	15.0	11.6	11.6	12.1	12.8	10.1	8.4	9.2	9.2	10.1	12.3	13.0	24	18.6	
27	12.6	11.3	9.4	9.4	8.7	10.1	10.4	15.0	12.6	17.6	18.1	19.5	20.7	17.1	19.5	21.9	19.1	17.8	19.8	16.9	12.8	12.8	12.6	13.5	24	21.9	
28	13.5	11.6	11.1	8.2	8.9	11.8	12.1	12.6	10.9	11.1	14.7	8.7	8.7	7.2	9.2	10.4	11.6	11.6	10.4	11.3	10.1	10.1	12.1	11.6	24	14.7	
29	10.6	10.8	10.6	9.6	8.7	23.6	21.2	10.9	15.4	21.9	14.0	12.6	15.4	12.3	13.0	13.5	12.3	12.1	13.0	16.1	8.9	10.6	11.3	8.9	24	23.6	
30	10.4	15.9	6.2	7.9	10.1	11.3	9.4	7.7	11.1	13.5	11.8	8.7	9.7	11.4	11.9	8.9	6.2	8.7	10.2	8.4	7.2	9.4	9.4	15.4	24	15.9	
31																										0	
NO.:	27	27	27	27	27	27	27	27	27	26	27	27	27	27	27	26	27	27	27	27	27	27	27	27	27		
MAX:	13.5	16.8	15.5	15.6	16.4	23.6	21.2	17.2	21.2	21.9	18.1	19.5	20.7	17.1	19.5	21.9	19.1	20.6	19.8	19.3	13.6	13.1	13.3	16.1			
AVG:	7.88	8.35	8.73	8.73	8.84	9.66	9.54	9.23	10.20	10.53	8.99	7.91	8.28	8.04	8.55	8.39	8.03	8.41	8.62	9.05	8.16	8.26	8.24	8.46			

MONTHLY OBSERVATIONS: 646 MONTHLY MEAN: 8.71 MONTHLY MAX: 23.6

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-061-0002 POC: 3
 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: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	11.3	12.6	18.1	11.8	13.3	16.2	10.4	10.9	10.4	8.7	9.2	12.1	9.9	8.0	10.7	13.1	12.4	11.6	11.1	8.7	8.2	7.0	5.0	5.2	24	18.1	
2	5.7	6.7	8.2	5.7	3.8	5.0	8.7	9.4	8.7	AX	AX	9.2	8.7	9.9	11.2	13.1	16.4	13.8	16.2	13.8	11.9	11.8	16.4	7.2	22	16.4	
3	7.4	6.5	6.0	7.4	10.1	11.1	8.7	8.7	8.0	6.7	9.0	10.2	15.0	14.0	10.2	7.2	9.2	10.9	11.6	13.1	13.5	18.3	7.2	11.1	24	18.3	
4	11.6	10.1	10.9	5.7	5.7	9.2	9.4	10.7	12.3	12.6	13.1	14.5	13.8	16.7	11.4	10.7	10.2	10.4	11.4	11.6	11.4	12.1	15.7	9.9	24	16.7	
5	8.4	9.7	9.9	10.6	17.1	13.5	18.1	13.0	45.1	4.3	5.8	9.0	12.1	11.2	8.5	9.9	11.4	11.4	11.8	11.8	8.2	3.8	4.3	2.8	24	45.1	
6	1.1	2.1	-1	3.3	15.9	20.7	22.4	13.3	11.3	9.6	9.9	10.4	10.4	7.9	6.0	6.5	7.7	8.9	7.2	3.8	7.2	9.9	7.7	8.7	24	22.4	
7	7.2	4.0	4.2	2.8	2.5	3.8	6.4	8.9	6.5	7.4	9.9	8.7	8.9	8.5	6.7	7.7	8.7	8.9	10.1	9.6	8.2	7.7	8.2	6.2	24	10.1	
8	4.5	6.9	6.7	6.9	8.2	5.9	4.5	5.7	5.7	5.2	5.3	6.7	6.0	5.7	6.0	6.5	7.2	7.2	8.4	5.7	4.0	5.0	7.7	6.4	24	8.4	
9	6.2	6.7	4.7	1.8	.3	3.0	5.0	4.5	3.8	5.7	4.3	2.6	5.5	5.7	3.3	4.0	5.0	6.5	5.5	6.0	10.1	12.8	11.8	10.6	24	12.8	
10	11.6	8.9	10.9	12.5	9.4	10.4	11.3	11.8	11.1	8.9	8.4	8.9	9.4	6.4	5.7	6.4	6.0	6.7	6.7	5.7	6.4	9.6	12.3	9.9	24	12.5	
11	4.5	6.9	6.7	5.0	10.1	11.5	11.3	12.8	10.4	7.9	6.4	7.2	11.6	9.4	8.4	10.4	9.4	8.9	9.1	7.6	6.4	8.4	9.6	10.6	24	12.8	
12	12.0	15.4	20.4	16.8	13.9	11.3	8.1	9.4	9.1	8.9	7.9	4.8	4.8	6.0	8.7	10.4	10.4	11.6	9.9	7.9	6.7	6.9	9.9	10.4	24	20.4	
13	14.9	8.7	10.6	11.8	9.9	15.6	7.7	7.4	15.4	8.9	7.4	5.0	6.9	8.4	3.3	4.0	9.2	8.7	6.9	5.2	4.7	6.7	8.2	8.2	24	15.6	
14	6.7	4.0	4.5	4.7	4.7	7.7	7.9	6.5	6.2	4.5	4.3	6.2	7.4	7.7	8.2	6.2	4.0	3.5	3.5	4.0	4.3	3.5	2.0	3.8	24	8.2	
15	3.3	.3	1.5	4.7	4.0	3.8	6.2	6.0	8.7	11.8	9.4	9.9	10.7	6.2	5.5	5.2	3.1	4.3	7.7	8.4	6.0	5.7	7.4	7.4	24	11.8	
16	7.2	10.1	11.4	10.6	12.6	10.9	9.9	15.2	16.2	17.4	17.1	7.2	10.7	12.6	12.4	10.7	6.2	4.8	7.2	10.2	10.9	12.1	12.4	10.7	24	17.4	
17	9.9	8.5	7.2	7.7	5.8	6.3	6.7	7.2	17.9	15.0	15.7	13.8	13.6	11.4	15.0	7.2	16.4	1.9	8.0	10.2	5.8	6.5	7.0	5.0	24	17.9	
18	8.0	10.4	9.2	7.7	5.5	7.2	8.7	9.4	9.4	8.0	6.7	6.2	10.4	10.7	8.5	9.4	10.4	13.1	12.6	9.2	7.7	7.9	6.2	7.0	24	13.1	
19	6.7	4.3	3.8	2.8	2.6	3.5	4.0	4.0	2.8	5.7	7.7	4.8	5.8	8.5	9.2	10.4	11.6	9.4	6.0	9.4	10.7	6.2	6.2	6.0	24	11.6	
20	5.7	7.7	7.2	7.0	11.1	14.9	10.9	8.9	4.6	2.9	2.4	3.1	3.1	2.4	2.9	3.4	6.8	6.5	3.8	5.3	5.5	2.9	2.1	-4	24	14.9	
21	-1.6	2.1	1.3	1.1	5.0	4.8	3.3	4.6	4.6	3.1	3.9	2.4	2.4	4.8	4.4	3.6	4.1	5.3	3.1	4.8	7.0	4.1	2.3	2.6	24	7.0	
22	2.4	1.1	1.1	2.1	2.9	3.3	5.3	6.3	8.5	15.3	8.8	7.3	9.7	8.7	6.0	6.8	8.2	12.4	11.6	9.2	15.7	11.4	9.2	8.2	24	15.7	
23	11.9	15.0	15.5	16.2	12.4	12.8	14.0	15.0	15.0	15.2	AZ	AZ	AZ	15.7	12.9	12.1	7.3	4.8	6.3	7.5	10.4	8.2	7.0	9.0	21	16.2	
24	8.0	7.5	6.2	2.6	2.6	5.8	6.5	6.0	7.2	10.2	11.9	10.0	8.0	9.5	9.5	8.8	7.8	6.3	5.1	4.1	3.3	2.1	2.9	1.8	24	11.9	
25	1.3	1.3	.6	4.6	4.8	3.6	4.3	4.6	8.0	7.5	3.6	3.6	3.1	4.1	7.3	5.1	2.4	-1	1.6	5.3	4.6	4.1	3.6	4.3	24	8.0	
26	5.3	3.6	1.8	2.9	2.1	2.9	5.3	5.1	7.0	7.0	5.8	7.5	6.5	4.8	6.8	5.8	2.6	2.1	4.6	6.3	6.5	7.5	7.5	8.5	24	8.5	
27	8.5	5.3	4.8	8.5	9.9	7.7	4.8	6.3	5.8	2.1	2.6	2.9	2.9	4.3	4.6	4.3	4.1	4.1	4.8	4.8	3.8	4.8	4.6	4.3	24	9.9	
28	3.3	1.1	1.9	3.1	3.1	2.1	.4	1.6	4.6	5.5	4.8	5.5	6.3	3.1	3.1	3.6	1.8	2.6	4.1	3.8	1.6	2.1	4.3	3.1	24	6.3	
29	1.8	1.8	1.6	1.8	1.1	1.6	2.9	3.8	5.1	4.6	1.1	-6	-9	-1.3	1.9	4.8	2.4	3.1	8.7	10.9	7.0	3.8	5.0	4.8	24	10.9	
30	4.8	5.0	3.8	6.0	5.8	3.3	2.1	1.6	-.8	.6	3.8	1.3	-1.8	-.4	.1	.1	.6	-.1	3.1	6.7	7.2	5.0	5.0	6.5	24	7.2	
31	7.7	8.5	8.2	8.9	9.9	8.5	10.9	12.6	10.0	10.2	16.5	13.8	14.1	11.0	9.0	9.2	9.7	11.4	10.2	8.5	10.7	10.7	7.0	9.4	24	16.5	
NO.:	31	31	31	31	31	31	31	31	31	30	29	30	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	14.9	15.4	20.4	16.8	17.1	20.7	22.4	15.2	45.1	17.4	17.1	14.5	15.0	16.7	15.0	13.1	16.4	13.8	16.2	13.8	15.7	18.3	16.4	11.1			
AVG:	6.69	6.54	6.74	6.62	7.29	8.00	7.94	8.10	9.63	8.05	7.68	7.14	7.83	7.79	7.34	7.31	7.51	7.13	7.67	7.71	7.60	7.37	7.28	6.75			

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 7.49 MONTHLY MAX: 45.1

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-061-0002 POC: 3
 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: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	10.7	10.7	13.1	13.5	10.2	8.2	8.0	7.2	8.2	10.2	16.6	14.8	15.5	13.1	12.6	11.9	12.4	12.4	12.4	12.1	9.7	7.7	5.5	5.5	24	16.6	
2	6.2	3.8	3.8	5.0	5.5	6.7	5.0	5.5	7.2	7.0	6.5	5.3	5.8	7.2	7.7	5.0	6.2	10.2	9.2	6.2	5.7	7.4	6.5	7.4	24	10.2	
3	9.2	8.7	7.0	7.7	8.4	7.4	8.0	8.9	9.2	8.0	5.5	7.2	9.4	6.7	4.8	5.0	5.8	5.5	5.7	7.0	10.2	9.9	8.2	9.0	24	10.2	
4	9.4	9.4	8.9	7.7	8.7	15.2	12.1	12.6	16.0	12.1	AX	12.1	12.4	12.9	13.6	15.0	13.3	12.1	10.7	18.4	13.5	21.7	16.9	15.2	23	21.7	
5	20.0	13.8	11.6	10.4	10.4	9.9	10.4	9.2	8.7	10.2	10.2	9.4	9.9	10.4	7.7	6.7	6.3	5.5	4.1	3.1	5.0	5.5	4.8	3.3	24	20.0	
6	3.1	3.6	6.7	9.7	9.7	7.9	3.3	1.3	3.3	5.5	2.6	1.3	4.6	8.2	20.0	12.4	10.4	6.0	5.5	7.7	8.7	10.9	11.1	9.7	24	20.0	
7	9.9	9.2	6.5	5.5	7.2	7.9	6.7	8.2	9.0	6.7	9.0	10.2	7.5	8.0	8.5	9.2	8.5	6.7	7.0	6.3	6.2	6.2	7.2	9.2	24	10.2	
8	11.1	11.4	9.2	7.2	7.7	10.7	10.7	8.2	9.5	16.2	12.1	10.5	10.7	12.6	11.6	16.2	7.2	9.5	11.9	11.1	12.1	18.6	9.9	11.9	24	18.6	
9	13.8	12.3	10.4	11.4	11.9	12.8	13.8	15.5	17.9	15.2	14.5	12.9	12.1	12.1	17.2	16.7	12.9	31.3	34.3	12.1	15.0	12.8	16.4	15.0	24	34.3	
10	14.2	11.4	10.7	12.3	10.7	10.4	10.7	8.0	6.8	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	9	14.2
11	10.4	10.7	10.4	8.7	8.7	9.7	15.2	7.2	8.2	8.5	7.5	8.7	10.9	10.0	6.0	4.8	5.5	5.8	7.7	8.0	5.3	4.6	5.8	6.5	24	15.2	
12	6.0	4.8	3.6	1.4	2.4	4.6	6.0	7.2	6.8	4.8	3.6	5.6	AX	7.0	6.5	8.0	6.8	8.2	11.4	7.5	9.2	13.3	12.1	11.2	23	13.3	
13	11.4	12.6	13.3	16.2	11.4	11.4	10.0	8.8	10.0	10.5	10.0	11.5	12.2	16.5	11.7	16.3	19.4	19.6	26.5	24.9	24.0	29.9	15.2	13.5	24	29.9	
14	12.6	11.4	9.9	11.1	12.6	11.6	15.5	11.4	10.9	15.0	19.1	4.1	7.8	9.7	11.4	13.6	12.6	12.4	10.5	7.5	8.3	10.2	11.5	11.0	24	19.1	
15	9.0	8.5	8.2	10.2	8.5	6.2	8.5	16.0	9.7	10.5	12.1	13.3	12.1	8.5	6.8	6.8	10.2	13.8	10.5	8.2	8.3	10.2	10.5	6.3	24	16.0	
16	6.7	8.7	7.9	7.4	6.0	4.5	5.8	7.5	9.2	7.8	5.8	7.0	9.5	11.4	10.2	10.2	10.4	8.0	8.5	11.9	9.2	8.2	8.7	6.7	24	11.9	
17	7.0	7.9	9.4	9.4	7.2	8.0	11.4	11.2	9.0	9.7	10.0	9.2	9.7	10.2	9.2	6.5	6.5	10.2	8.5	5.8	10.2	10.2	11.4	13.6	24	13.6	
18	12.9	15.2	15.5	10.9	9.2	6.7	9.2	51.8	37.8	32.6	21.7	18.8	17.2	21.2	25.4	20.5	28.1	24.0	23.7	16.9	16.9	15.7	14.3	15.7	24	51.8	
19	14.8	17.0	17.0	17.9	15.8	21.0	23.5	16.2	24.0	35.0	28.2	23.2	19.3	21.7	21.7	22.2	23.7	22.2	23.7	38.0	36.8	39.4	23.5	13.3	24	39.4	
20	13.4	9.7	6.1	6.8	7.3	8.3	10.2	8.0	7.8	30.6	19.3	20.8	18.9	21.0	23.7	23.7	23.0	26.5	18.4	37.3	36.8	19.6	6.5	6.8	24	37.3	
21	3.6	2.4	5.8	6.1	5.8	8.3	7.3	4.8	5.6	8.5	16.0	15.0	18.6	21.7	17.2	19.4	26.2	19.1	22.0	16.5	9.3	9.3	10.5	11.7	24	26.2	
22	7.5	6.1	7.0	7.0	8.8	8.3	6.3	6.1	16.0	16.8	17.4	16.0	15.5	12.9	19.3	13.8	13.3	12.9	16.0	23.2	10.2	8.8	10.2	14.1	24	23.2	
23	13.1	11.7	9.0	3.6	2.7	5.8	6.5	7.3	9.5	10.0	12.1	15.2	13.8	15.0	17.4	19.1	19.8	19.6	12.4	9.7	4.1	2.6	4.6	4.8	24	19.8	
24	6.3	11.0	11.9	8.5	6.8	6.1	7.5	10.2	12.4	12.9	12.6	13.3	16.5	17.4	12.6	13.1	11.0	10.0	7.5	2.4	.4	5.6	9.7	7.8	24	17.4	
25	6.3	7.0	6.8	7.0	7.8	6.5	7.0	9.7	13.3	13.3	11.2	10.0	12.4	17.7	15.0	8.0	8.5	15.7	9.2	9.2	9.7	8.0	6.5	8.0	24	17.7	
26	10.0	11.0	12.6	15.5	11.9	11.2	11.7	10.7	5.6	4.6	5.6	6.5	7.5	6.0	7.3	9.5	8.0	6.3	5.8	5.6	5.3	6.3	7.3	7.2	24	15.5	
27	8.0	9.2	8.7	8.0	8.4	9.9	10.9	10.0	11.2	11.4	10.5	9.0	8.0	7.5	9.0	10.4	9.5	12.4	12.9	12.4	13.6	13.8	13.8	15.5	24	15.5	
28	16.5	16.2	15.5	10.7	15.2	10.7	18.4	25.2	21.3	18.4	20.3	11.4	11.2	12.4	13.3	11.7	12.1	14.0	14.3	12.6	20.1	19.8	17.0	17.2	24	25.2	
29	14.1	19.9	16.2	22.0	16.7	17.2	20.3	21.0	26.2	24.4	26.5	22.3	25.5	22.8	20.9	19.7	26.0	23.0	28.2	33.1	39.0	38.3	37.5	43.3	24	43.3	
30	43.5	37.3	34.8	37.0	33.8	37.0	25.9	22.7	27.0	29.4	27.5	20.6	19.2	22.1	16.1	21.6	21.4	22.3	37.1	38.1	44.7	44.2	42.6	39.2	24	44.7	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	29	28	29	28	29	29	29	29	29	29	29	29	29	29	29	29		
MAX:	43.5	37.3	34.8	37.0	33.8	37.0	25.9	51.8	37.8	35.0	28.2	23.2	25.5	22.8	25.4	23.7	28.1	31.3	37.1	38.1	44.7	44.2	42.6	43.3			
AVG:	11.36	11.09	10.58	10.53	9.91	10.34	10.86	11.92	12.58	13.99	13.36	11.90	12.63	13.24	13.26	13.00	13.28	13.97	14.33	14.23	14.05	14.44	12.61	12.40			

MONTHLY OBSERVATIONS: 703 MONTHLY MEAN: 12.47 MONTHLY MAX: 51.8

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-061-0002 POC: 3
 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: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	37.8	32.3	30.1	32.6	34.1	30.4	31.6	33.8	37.6	37.6	36.1	36.6	38.8	34.9	40.0	19.3	12.5	AV	AV	AV	AV	AV	AV	AV	AV	17	40.0
2	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	0	
3	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AX	AX	15.3	8.8	26.5	21.8	26.2	24.2	26.5	25.4	26.2	9	26.5	
4	23.7	25.9	21.7	27.4	25.9	27.4	26.2	24.5	24.4	23.7	22.2	21.5	16.5	17.2	16.3	15.8	20.6	19.1	20.8	23.0	55.0	86.1	50.3	35.0	24	86.1	
5	47.4	42.5	31.8	27.4	29.9	30.8	22.9	24.0	24.9	23.0	21.0	24.5	20.6	22.5	19.6	23.0	22.8	24.7	19.3	22.5	24.4	24.4	29.9	25.6	24	47.4	
6	27.4	28.9	33.0	31.1	25.9	27.9	41.1	21.3	23.5	28.9	27.9	27.4	28.7	26.2	31.9	22.5	20.1	28.7	32.1	33.3	24.9	31.3	33.8	32.3	24	41.1	
7	24.2	30.6	33.3	34.3	27.2	30.1	30.6	29.4	26.9	26.2	25.4	28.7	27.2	20.1	22.3	25.7	27.2	27.7	26.7	29.1	28.6	29.6	21.2	21.5	24	34.3	
8	19.1	18.1	19.6	20.3	18.4	17.2	21.0	24.9	23.0	16.2	20.6	23.0	22.7	22.3	22.0	18.4	19.6	23.5	25.7	24.9	22.2	22.5	20.5	24	25.7		
9	20.8	16.0	16.0	19.8	14.7	18.1	18.8	17.2	18.9	23.0	19.1	22.7	22.5	24.0	19.1	24.7	21.0	24.2	14.3	20.1	22.9	22.9	22.9	AN	23	24.7	
10	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AV	AV	AV	AV	0		
11	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	0		
12	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AL	AL	3.6	7.8	11.7	12.1	11.9	13.6	13.1	12.4	12.4	12.1	11.9	11	13.6		
13	17.2	10.2	11.4	11.6	16.9	14.7	13.5	11.4	8.7	15.5	11.7	10.2	8.7	11.9	14.3	12.4	11.2	11.2	9.2	10.9	13.5	10.2	7.2	10.7	24	17.2	
14	12.4	10.7	9.2	10.7	10.2	9.0	10.9	10.7	16.2	11.4	11.2	15.0	13.3	12.4	12.4	8.8	6.8	11.4	10.9	11.4	12.8	15.0	10.2	10.9	24	16.2	
15	11.6	10.7	7.7	6.5	8.0	11.4	12.6	10.4	9.5	8.5	8.7	9.2	7.3	6.5	10.0	10.7	15.0	10.7	10.4	10.7	10.7	15.4	11.1	11.9	24	15.4	
16	10.4	10.4	8.7	6.0	7.0	7.0	7.7	10.7	12.8	11.6	10.5	10.5	9.2	9.0	10.9	16.5	13.6	13.3	12.6	13.3	13.5	14.0	18.1	24	18.1		
17	12.8	10.2	8.0	10.9	16.2	18.1	22.9	21.5	14.5	12.6	11.7	15.0	14.8	18.6	16.7	16.2	17.9	13.1	19.1	24.4	20.3	13.5	19.6	15.2	24	24.4	
18	6.7	9.4	11.2	10.7	11.6	12.6	13.8	19.1	16.5	19.6	18.6	23.5	16.9	16.0	23.0	14.3	17.4	20.3	21.5	21.3	16.0	18.1	16.2	21.0	24	23.5	
19	26.4	19.3	16.5	19.6	11.9	13.3	16.7	16.6	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	8	26.4	
20	AN	AN	AN	AN	AN	AN	AN	AN	2.6	21.5	18.2	17.7	14.5	14.3	11.9	12.4	19.8	12.1	13.1	15.0	16.2	16.9	14.0	15	21.5		
21	16.9	12.1	16.7	18.8	11.9	11.4	11.2	16.2	17.7	10.7	17.9	16.2	12.9	17.4	17.2	14.3	16.0	10.7	11.2	11.9	11.4	9.0	7.7	9.5	24	18.8	
22	11.4	11.2	12.1	13.5	13.8	14.5	13.1	13.1	19.3	19.6	19.1	18.6	15.7	15.0	16.2	20.6	9.7	11.4	13.3	12.9	12.6	16.2	11.7	17.2	24	20.6	
23	14.7	13.8	11.9	12.4	11.6	11.4	13.3	20.1	16.7	17.9	16.7	17.2	17.4	20.1	23.5	20.6	17.7	22.3	19.6	27.7	17.9	10.9	15.2	13.5	24	27.7	
24	23.4	17.4	16.9	15.7	11.4	12.8	15.0	18.1	16.2	20.3	17.7	13.1	13.6	21.5	19.2	BA	BA	12.1	17.4	17.6	17.4	17.6	14.7	23.9	22	23.9	
25	20.1	23.2	18.4	16.2	13.1	13.8	16.7	14.0	20.3	18.2	19.4	18.6	17.9	18.2	19.6	23.5	19.4	23.2	22.5	21.3	24.0	25.7	24.2	26.4	24	26.4	
26	20.1	20.8	17.9	19.8	23.7	19.8	19.8	30.4	24.2	23.5	24.7	24.2	23.2	19.4	22.8	22.5	25.0	26.5	28.2	29.7	31.4	32.1	29.2	28.9	24	32.1	
27	23.2	26.2	25.7	23.7	29.4	27.9	25.9	28.9	24.7	25.2	25.7	25.2	21.5	22.8	27.7	26.7	30.9	24.4	46.9	30.6	16.7	10.9	12.4	24	46.9		
28	13.5	24.2	17.6	15.0	17.6	14.0	17.6	17.2	11.2	13.1	13.3	16.2	12.9	15.5	19.1	12.9	17.9	13.8	10.9	9.5	12.6	12.1	9.0	8.5	24	24.2	
29	9.9	9.7	7.7	10.7	12.8	12.1	13.6	14.3	13.3	9.5	15.5	11.4	17.7	13.6	13.1	13.1	14.1	17.9	19.1	17.4	17.4	19.8	16.2	14.7	24	19.8	
30	21.2	18.4	20.8	20.3	15.7	17.4	14.7	19.1	11.9	12.6	12.1	11.9	13.3	17.9	16.2	11.4	10.2	9.5	10.2	9.4	9.9	10.4	8.0	7.5	24	21.2	
31	24.7	14.7	14.0	9.7	6.5	7.2	7.7	9.5	10.7	15.5	16.0	12.6	11.2	11.7	11.7	10.5	11.7	13.1	12.6	12.4	15.7	17.9	24.7	32.6	24	32.6	
NO.:	25	25	25	25	25	25	25	25	24	25	25	25	25	26	26	26	26	26	26	26	26	26	26	25			
MAX:	47.4	42.5	33.3	34.3	34.1	30.8	41.1	33.8	37.6	37.6	36.1	36.6	38.8	34.9	40.0	27.7	27.2	30.9	32.1	46.9	55.0	86.1	50.3	35.0			
AVG:	19.88	18.68	17.52	17.79	17.02	17.21	18.36	19.06	18.48	17.86	18.57	18.87	17.84	17.37	18.55	17.23	16.39	18.22	17.59	19.77	19.99	20.99	18.65	18.80			

MONTHLY OBSERVATIONS: 609 MONTHLY MEAN: 18.36 MONTHLY MAX: 86.1

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-061-0002 POC: 3
 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: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: AUGUST 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	17.2	23.4	17.2	16.4	11.2	19.6	13.1	25.4	17.4	27.4	16.2	11.2	10.0	9.7	9.2	6.0	5.6	6.3	7.3	10.0	10.2	7.7	6.2	8.0	24	27.4
2	9.5	8.5	8.5	17.4	17.1	18.8	22.4	29.6	39.9	AX	11.5	15.6	19.2	13.9	14.4	13.0	12.5	12.5	15.1	7.8	10.5	19.9	10.0	19.2	23	39.9
3	14.6	14.1	13.9	12.9	12.9	15.3	19.6	21.8	15.8	15.1	18.3	16.3	17.2	7.8	7.9	10.9	13.2	11.8	10.8	15.1	14.8	15.8	12.2	12.2	24	21.8
4	10.3	9.0	11.0	11.7	11.9	15.0	13.6	13.9	12.3	15.9	9.8	10.9	10.1	7.7	5.9	17.6	8.9	9.9	8.1	4.4	7.1	10.5	8.3	9.3	24	17.6
5	8.3	7.3	11.0	10.5	7.6	8.3	10.8	10.3	9.6	10.6	10.4	9.9	9.4	8.6	9.1	7.4	7.4	9.3	9.3	9.3	8.8	6.1	5.6	7.3	24	11.0
6	7.1	6.8	7.1	7.6	8.3	9.5	10.5	11.0	12.2	9.5	8.5	10.0	8.3	8.3	9.7	7.3	7.5	9.5	9.5	7.7	6.3	6.7	6.8	7.0	24	12.2
7	10.4	12.4	12.4	13.5	11.6	9.5	7.5	6.3	5.0	4.6	7.7	7.8	6.8	7.2	9.2	10.2	9.0	11.2	11.2	11.6	11.6	16.4	12.8	12.4	24	16.4
8	10.4	9.5	9.7	12.1	14.0	10.4	9.5	12.6	19.1	20.8	11.9	12.9	12.9	10.0	9.5	10.5	8.3	10.5	17.4	18.6	14.0	12.6	15.5	15.7	24	20.8
9	14.5	16.7	10.4	11.9	13.8	12.8	12.6	15.0	13.8	11.4	9.9	11.1	8.7	8.7	9.9	8.2	15.5	11.2	15.2	10.7	11.4	11.6	10.7	15.2	24	16.7
10	13.3	12.6	15.0	21.0	15.2	12.8	12.1	12.8	12.8	18.8	15.7	10.0	16.5	16.2	10.9	9.2	21.7	20.3	22.0	17.9	18.6	AV	AV	AV	21	22.0
11	10.9	17.9	16.7	17.9	16.0	17.2	20.3	13.8	19.6	20.1	18.6	16.7	16.7	17.2	18.2	17.7	11.3	10.9	6.5	5.0	7.7	9.5	12.1	12.6	24	20.3
12	15.5	7.0	9.5	13.1	12.6	10.7	9.5	9.4	15.2	11.9	16.5	10.2	10.9	12.4	12.9	14.1	15.0	13.1	11.6	10.9	16.2	12.6	16.9	24	16.9	
13	20.8	12.6	15.5	15.0	12.4	11.9	10.4	17.9	12.1	13.1	18.4	16.2	20.1	16.0	19.8	13.1	18.2	25.4	19.3	22.7	26.4	23.7	19.1	22.2	24	26.4
14	19.8	18.8	18.4	25.9	19.3	21.5	22.9	31.1	19.8	18.2	18.6	14.8	22.2	18.6	19.6	18.9	20.1	25.4	21.7	26.2	16.7	25.4	21.5	28.9	24	31.1
15	22.0	22.9	23.7	24.4	23.9	22.4	22.4	23.4	20.1	BA	15.1	14.1	13.2	12.0	15.8	13.4	12.2	11.5	13.1	13.6	15.0	15.0	11.7	10.7	23	24.4
16	11.9	15.8	16.7	15.3	17.7	19.8	20.3	16.0	23.5	18.0	16.1	22.1	24.5	17.5	19.9	16.6	18.0	18.7	19.4	20.4	20.4	20.1	21.3	20.1	24	24.5
17	20.6	20.1	22.5	18.7	18.2	19.6	21.0	20.4	12.0	13.2	17.0	21.8	15.1	13.9	13.4	16.6	17.3	18.2	21.6	19.7	19.4	22.5	18.7	18.4	24	22.5
18	12.9	12.2	11.5	11.2	16.5	18.2	18.4	15.0	15.8	11.5	11.3	9.8	9.6	10.1	15.8	16.8	19.0	16.8	25.3	22.3	20.6	21.1	13.4	12.2	24	25.3
19	11.4	12.2	11.2	10.5	11.7	10.7	10.2	9.8	9.8	17.5	19.7	18.5	10.5	11.7	11.2	9.3	9.3	9.8	8.3	10.0	12.9	11.7	11.0	10.0	24	19.7
20	10.5	12.2	10.5	9.3	12.2	13.6	12.7	11.0	9.5	10.2	8.5	6.1	10.0	12.9	10.8	8.6	10.0	11.3	8.5	8.3	9.3	10.2	11.7	13.1	24	13.6
21	13.4	12.4	16.0	17.9	10.8	15.5	15.5	13.1	15.5	15.8	16.3	10.8	10.0	9.3	9.3	11.3	12.0	16.5	9.8	11.5	13.1	12.2	15.8	12.9	24	17.9
22	15.0	12.4	11.7	11.0	11.2	10.2	9.5	12.4	13.6	10.3	6.6	7.6	10.0	9.3	8.8	9.1	8.6	8.5	7.0	6.8	8.3	10.0	11.0	9.3	24	15.0
23	8.8	15.3	11.2	16.2	18.4	15.5	16.2	14.6	12.7	11.2	11.2	9.3	9.3	AN	AN	AN	8.7	8.0	10.9	10.7	9.2	7.5	9.0	9.4	21	18.4
24	10.2	15.0	11.9	15.0	14.3	18.4	8.2	16.2	11.6	9.9	8.0	9.5	11.2	9.5	7.7	9.0	9.2	11.4	12.8	10.2	11.2	11.6	11.6	12.8	24	18.4
25	11.9	12.1	13.5	11.6	9.9	9.2	10.9	12.4	12.6	12.8	10.0	8.5	9.0	9.5	10.0	9.2	9.2	7.7	7.0	11.1	12.1	9.4	10.2	10.7	24	13.5
26	10.2	9.7	10.4	12.3	13.0	13.0	11.6	8.7	9.2	11.6	11.9	9.7	7.8	7.5	8.5	8.5	8.3	8.7	7.0	8.2	9.0	7.7	9.2	11.2	24	13.0
27	10.4	8.5	10.2	11.9	10.9	9.9	9.2	9.9	10.2	8.5	7.8	8.0	9.5	8.2	5.6	5.3	4.8	4.6	7.2	10.2	8.0	6.0	7.0	7.2	24	11.9
28	5.5	6.2	6.7	4.1	5.8	8.2	8.7	10.7	11.6	10.5	8.0	9.5	9.5	7.3	9.5	9.5	8.0	6.5	6.5	8.2	6.7	5.3	5.0	5.8	24	11.6
29	7.5	6.7	6.3	8.5	9.0	9.7	9.2	9.2	10.9	AN	AN	13.1	13.3	13.3	13.6	13.1	12.9	12.6	13.6	13.1	15.7	16.9	17.4	10.2	22	17.4
30	16.2	12.6	10.7	11.4	13.5	14.0	16.4	21.2	14.7	14.0	10.9	10.5	11.7	11.9	15.5	10.9	10.0	8.2	9.0	9.2	10.4	12.4	10.4	9.0	24	21.2
31	10.2	8.2	7.2	9.0	8.0	7.0	7.0	6.8	6.8	8.5	11.7	15.0	14.3	15.7	9.7	8.7	8.3	9.0	11.7	14.3	15.7	11.9	12.6	13.3	24	15.7
NO.:	31	31	31	31	31	31	31	31	31	28	30	31	31	30	30	30	31	31	31	31	31	30	30	30		
MAX:	22.0	23.4	23.7	25.9	23.9	22.4	22.9	31.1	39.9	27.4	19.7	22.1	24.5	18.6	19.9	18.9	21.7	25.4	25.3	26.2	26.4	25.4	21.5	28.9		
AVG:	12.62	12.62	12.52	13.72	13.19	13.81	13.62	14.89	14.35	13.60	12.74	12.18	12.50	11.40	11.69	11.29	11.58	12.17	12.43	12.46	12.65	13.12	12.01	12.77		

MONTHLY OBSERVATIONS: 734 MONTHLY MEAN: 12.75 MONTHLY MAX: 39.9

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-061-0002 POC: 3
 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: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	13.3	13.3	12.6	11.2	18.6	16.9	18.6	20.6	23.0	17.0	15.5	16.0	12.7	9.5	9.5	12.4	11.7	12.4	11.4	10.9	12.6	11.4	10.7	12.4	24	23.0	
2	13.1	12.4	12.8	14.0	15.2	8.7	11.4	18.1	12.9	12.4	12.6	11.7	11.9	13.4	13.6	11.4	10.0	9.0	9.7	11.9	10.9	15.7	14.0	18.4	24	18.4	
3	16.7	16.0	18.1	16.7	17.2	18.8	14.0	13.6	16.0	12.1	13.1	17.2	19.8	22.5	19.1	12.9	13.1	13.8	16.9	15.0	18.1	11.4	12.6	12.6	24	22.5	
4	12.4	13.3	14.0	12.1	9.0	8.0	10.2	13.6	16.2	10.7	10.5	11.0	12.4	10.2	9.7	11.7	11.9	10.5	8.2	9.5	8.7	6.5	6.0	6.7	24	16.2	
5	7.0	6.3	5.5	8.7	10.4	7.5	9.0	9.5	6.4	AX	15.0	14.8	14.3	10.9	9.2	10.0	10.5	11.4	13.1	13.1	10.9	11.2	9.2	8.2	23	15.0	
6	8.7	9.0	9.9	9.2	8.0	10.4	17.4	16.2	10.0	9.2	8.8	10.0	9.7	10.7	10.0	8.3	10.5	10.9	9.0	6.0	5.0	6.3	5.3	5.1	24	17.4	
7	7.2	8.7	8.7	7.2	5.3	7.0	17.2	22.7	22.2	63.9	21.7	11.9	17.7	17.2	14.8	14.5	15.7	9.5	8.2	6.5	7.5	9.5	7.7	7.0	24	63.9	
8	8.7	9.7	10.7	9.9	10.4	12.1	13.1	19.1	19.3	16.7	12.9	12.9	13.3	13.6	11.7	10.0	15.3	11.4	11.7	12.1	12.4	9.7	7.7	11.1	24	19.3	
9	12.6	13.3	13.1	9.7	9.9	9.9	7.2	6.5	7.7	11.4	10.7	8.2	9.5	8.7	6.5	9.0	10.4	9.2	11.4	12.3	12.6	12.6	11.8	10.2	24	13.3	
10	9.9	10.9	9.7	8.4	8.9	11.4	13.7	12.3	10.9	9.7	8.5	9.0	9.2	9.2	8.7	8.2	10.4	11.4	9.7	9.4	8.4	8.2	10.2	9.9	24	13.7	
11	9.4	7.4	7.4	8.9	8.9	10.9	11.4	9.9	8.2	7.5	10.2	9.0	7.0	9.2	9.5	9.0	9.4	7.7	7.9	9.2	9.4	9.9	10.1	14.9	24	14.9	
12	13.7	12.3	9.2	8.7	9.9	10.4	9.4	8.2	7.4	6.2	7.5	7.5	8.5	8.5	7.0	7.2	4.6	4.5	10.2	14.5	11.8	7.2	6.2	7.7	24	14.5	
13	8.4	8.7	9.9	10.1	9.4	9.7	11.4	12.1	8.7	5.3	7.2	9.4	6.0	6.3	7.2	7.2	7.7	8.5	9.9	8.2	8.0	9.2	9.7	8.7	24	12.1	
14	7.0	8.7	6.0	4.5	7.5	9.7	11.4	8.2	6.0	7.7	7.2	5.8	4.6	3.4	5.8	8.7	6.3	6.0	7.7	6.3	5.3	5.0	6.0	9.4	24	11.4	
15	8.0	3.6	5.3	7.9	7.9	6.5	7.9	9.7	11.4	11.2	15.5	14.0	12.4	9.7	8.2	9.7	17.2	18.4	17.1	19.3	17.6	21.5	17.9	19.0	24	21.5	
16	15.7	14.0	14.0	17.9	11.1	11.6	12.8	12.1	11.1	8.2	4.3	5.0	7.7	9.0	8.0	9.9	9.4	9.4	12.8	13.5	14.2	14.2	13.3	13.5	24	17.9	
17	13.8	12.6	11.9	11.9	15.0	14.7	11.4	16.7	13.8	13.1	10.2	7.7	9.2	12.6	11.4	8.7	10.4	11.2	10.2	9.0	7.0	5.8	7.0	8.5	24	16.7	
18	9.0	10.4	10.2	9.2	9.7	8.2	9.0	10.4	9.0	6.7	5.5	AV	AV	AV	5.5	4.6	2.4	3.6	6.5	7.0	7.0	7.5	5.8	6.0	21	10.4	
19	8.2	8.0	8.2	8.7	9.7	9.7	7.2	7.0	10.7	15.7	10.9	10.4	9.4	9.7	9.4	9.4	11.6	14.0	14.2	11.4	10.7	12.3	12.1	11.6	24	15.7	
20	12.1	11.8	10.2	8.4	8.9	8.4	9.9	10.2	8.7	10.4	10.2	9.2	6.7	6.2	9.9	9.9	8.5	9.9	10.4	11.8	13.8	13.3	11.6	12.3	24	13.8	
21	14.2	15.2	11.1	16.2	12.6	10.4	10.1	11.6	12.6	15.0	14.7	13.8	11.6	12.1	10.9	9.9	11.6	9.7	9.2	16.2	13.3	18.6	19.1	13.5	24	19.1	
22	14.9	15.4	14.9	10.2	10.4	12.3	17.6	20.7	17.1	15.5	15.5	15.7	15.0	14.7	16.7	15.2	17.6	14.5	14.5	19.6	16.4	15.9	15.0	14.0	24	20.7	
23	15.7	17.1	16.2	13.8	18.3	22.2	20.5	14.9	8.2	10.4	13.3	11.9	9.0	9.2	9.4	10.7	13.5	14.2	16.7	18.1	12.8	15.7	13.3	11.6	24	22.2	
24	12.1	10.9	8.7	9.7	9.9	9.4	8.4	10.1	11.6	9.7	7.0	5.8	6.2	7.0	7.5	7.2	8.5	10.2	9.4	11.1	12.1	11.4	16.2	11.1	24	16.2	
25	10.6	11.3	12.8	10.6	9.6	8.9	9.1	10.6	9.4	7.0	6.7	8.5	9.2	9.0	9.2	8.5	7.0	9.2	13.0	13.0	10.1	9.9	9.7	10.4	24	13.0	
26	11.8	10.1	8.7	8.9	8.2	7.7	6.9	5.7	17.4	10.7	11.9	11.4	10.2	11.4	11.2	9.4	9.4	9.7	8.7	8.0	7.9	9.9	8.9	7.7	24	17.4	
27	9.4	9.4	8.2	9.2	10.4	8.2	7.7	8.7	11.1	10.4	10.2	10.2	9.2	11.9	12.1	12.6	10.4	15.5	9.7	9.9	9.7	9.7	10.7	9.2	24	15.5	
28	9.7	11.4	9.9	9.2	9.2	9.4	10.7	9.2	9.9	17.9	12.6	12.4	13.1	16.0	12.4	17.2	16.4	13.8	17.9	16.4	16.4	16.9	18.8	17.6	24	18.8	
29	18.4	15.2	12.6	15.9	18.6	18.1	21.2	18.4	18.6	18.2	15.7	20.3	21.0	22.9	21.2	16.4	15.2	16.4	15.7	17.9	14.7	14.0	12.8	12.3	24	22.9	
30	10.7	9.4	11.1	10.9	8.5	9.7	21.9	18.8	16.4	14.5	12.8	15.0	8.2	10.4	11.6	10.2	9.4	9.7	10.9	10.7	10.9	15.7	13.0	19.3	24	21.9	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	29	30	29	29	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	18.4	17.1	18.1	17.9	18.6	22.2	21.9	22.7	23.0	63.9	21.7	20.3	21.0	22.9	21.2	17.2	17.6	18.4	17.9	19.6	18.1	21.5	19.1	19.3			
AVG:	11.41	11.19	10.72	10.60	10.89	10.89	12.26	12.85	12.40	13.26	11.28	11.23	10.85	11.21	10.56	10.33	10.87	10.85	11.40	11.93	11.21	11.54	11.08	11.33			

MONTHLY OBSERVATIONS: 716 MONTHLY MEAN: 11.34 MONTHLY MAX: 63.9

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-061-0002 POC: 3
 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: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/V5
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2012

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 5

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	14.5	12.3	12.3	16.2	16.9	14.9	13.7	18.3	15.7	14.7	16.4	10.4	9.4	9.5	10.7	10.0	9.2	11.2	10.7	11.4	12.4	12.1	13.1	12.1	24	18.3	
2	9.5	9.5	9.2	3.8	1.4	5.1	7.2	8.5	8.5	7.0	7.5	5.8	6.7	8.8	6.5	7.7	10.4	9.5	7.7	8.2	9.2	11.2	8.7	6.5	24	11.2	
3	9.0	10.7	8.0	7.7	8.2	4.6	5.0	7.0	6.8	9.0	10.9	11.4	11.2	9.2	7.5	6.5	8.5	9.7	9.7	9.2	8.2	9.9	12.4	12.1	24	12.4	
4	16.9	12.1	13.3	13.1	10.2	11.6	13.8	19.6	11.2	AX	AX	10.9	11.7	8.2	7.0	8.0	6.3	7.2	9.9	12.8	13.1	13.8	12.6	17.1	22	19.6	
5	9.9	11.9	10.9	11.1	13.8	17.4	21.2	16.7	21.7	16.4	17.9	19.8	9.5	10.4	11.2	10.7	11.9	12.6	15.0	12.3	12.1	15.4	18.3	18.3	24	21.7	
6	17.8	17.1	16.6	15.2	18.1	18.8	11.8	12.1	26.7	18.4	21.5	14.0	12.9	12.1	17.2	13.3	21.5	12.8	15.7	18.1	20.0	19.6	24.7	20.5	24	26.7	
7	19.3	19.1	18.8	20.0	15.9	11.4	9.4	8.9	10.7	10.4	8.2	9.2	11.6	12.6	12.1	12.1	13.3	13.8	17.4	17.6	10.6	11.6	10.4	9.2	24	20.0	
8	8.2	5.0	3.5	5.7	9.2	8.4	7.7	8.4	9.9	12.3	13.3	12.8	10.9	11.3	11.6	8.9	5.9	5.5	5.9	5.9	2.3	1.1	6.0	24	13.3		
9	7.7	6.7	6.9	8.4	9.9	10.1	9.6	6.9	4.3	5.0	6.5	7.4	8.4	8.2	7.2	7.2	10.4	10.1	9.2	9.4	7.9	5.2	5.0	24	10.4		
10	4.0	6.7	9.9	9.7	8.9	15.9	10.4	10.9	8.7	5.5	5.7	6.7	7.0	6.7	7.5	9.9	11.9	9.7	10.9	14.0	12.1	11.1	13.0	15.4	24	15.9	
11	13.5	16.2	15.7	12.1	13.0	12.5	12.0	13.3	12.8	10.7	10.9	10.4	10.4	11.9	9.4	8.2	8.9	9.2	9.7	10.6	11.6	12.3	11.8	10.8	24	16.2	
12	11.6	11.3	9.8	9.3	10.3	9.3	7.4	5.5	8.2	9.9	10.2	11.6	11.1	10.4	BA	9.0	11.4	14.5	13.3	10.9	11.6	13.7	12.3	9.7	23	14.5	
13	11.6	13.5	11.6	10.6	9.1	9.6	12.3	10.6	8.7	6.5	3.6	5.5	8.2	8.0	8.0	8.5	10.4	12.6	10.4	8.4	10.6	11.8	11.4	11.3	24	13.5	
14	11.8	10.1	8.2	7.9	7.7	7.7	7.2	6.9	6.5	7.0	5.0	3.1	3.8	2.9	3.8	7.7	6.7	3.1	3.3	3.6	3.6	4.8	4.3	4.8	24	11.8	
15	3.8	2.3	7.0	6.2	3.8	5.0	5.7	6.2	7.2	34.0	46.4	17.9	9.5	10.0	11.6	12.8	18.8	17.6	11.6	22.4	11.6	12.6	11.4	15.9	24	46.4	
16	12.6	11.1	11.6	13.3	12.3	12.8	14.4	11.6	10.4	10.7	9.2	8.5	6.7	7.0	9.4	9.9	11.4	10.2	8.9	10.2	9.9	11.3	11.3	12.8	24	14.4	
17	14.7	15.6	11.3	11.6	10.6	7.4	7.9	8.4	9.4	13.0	14.0	10.9	8.7	9.2	9.7	10.9	9.9	9.7	11.8	13.3	10.9	10.6	12.1	11.6	24	15.6	
18	11.8	11.8	11.1	9.7	9.9	8.7	7.2	9.4	10.7	8.7	8.2	9.5	8.2	6.3	7.2	8.0	6.7	8.2	10.7	10.2	9.0	9.4	9.9	8.0	24	11.8	
19	9.7	12.4	12.1	13.1	11.6	10.2	11.9	16.9	9.7	10.4	17.2	13.1	12.6	10.4	9.2	11.2	10.2	11.1	16.9	20.7	12.6	13.5	13.0	10.9	24	20.7	
20	15.4	7.7	15.2	17.8	16.4	14.9	14.7	19.5	8.2	9.2	11.6	19.6	14.0	14.3	15.5	16.7	14.5	15.4	14.5	15.7	20.0	18.1	16.4	16.6	24	20.0	
21	21.7	13.7	11.8	16.4	9.6	8.4	8.9	9.4	7.0	BA	BA	7.0	7.7	8.7	9.9	9.7	7.0	6.2	8.2	7.7	6.9	7.9	9.1	8.1	22	21.7	
22	9.4	10.8	10.6	9.9	7.9	7.4	9.6	11.6	10.1	9.2	8.0	7.7	7.7	9.0	9.2	6.5	7.5	10.4	11.1	12.1	12.1	8.4	10.9	12.8	24	12.8	
23	11.6	13.2	13.9	11.3	10.3	10.6	9.1	6.7	16.2	15.9	12.1	12.1	11.9	11.6	11.2	11.1	12.3	15.2	14.9	18.3	17.6	14.9	12.3	15.9	24	18.3	
24	18.6	18.3	19.0	18.6	19.5	16.2	16.6	15.4	16.7	13.1	12.1	9.2	8.2	6.8	4.1	7.0	10.4	12.1	15.7	15.0	10.4	11.9	14.0	14.2	24	19.5	
25	15.9	5.5	15.9	14.0	13.0	17.1	12.3	11.8	13.1	15.0	10.9	11.4	9.2	8.2	10.7	9.9	9.2	11.9	14.0	15.0	13.3	15.9	15.7	13.0	24	17.1	
26	15.4	18.1	21.9	22.2	17.4	20.3	29.8	23.7	23.9	26.6	22.7	20.3	21.7	19.1	23.2	15.7	10.2	9.0	8.7	10.2	9.9	9.2	11.2	10.4	24	29.8	
27	9.7	11.9	9.7	9.2	15.9	18.3	11.6	10.9	9.9	10.9	11.9	9.9	8.0	8.5	10.9	15.7	9.0	8.7	8.7	9.7	9.7	8.5	8.9	8.9	24	18.3	
28	8.7	9.2	9.7	8.2	9.4	10.2	10.2	11.6	7.5	5.5	8.7	9.4	8.7	7.0	7.7	9.2	8.9	8.0	9.2	13.0	12.1	11.4	10.7	7.5	24	13.0	
29	7.2	6.0	7.0	7.4	5.2	6.7	8.9	6.7	4.3	4.5	2.8	2.6	4.8	5.7	5.7	3.1	1.1	2.8	5.7	5.9	5.7	6.4	6.7	6.2	24	8.9	
30	7.9	6.7	5.2	5.2	5.7	6.7	5.4	4.5	4.2	7.9	9.4	7.4	5.5	3.5	5.5	6.7	6.0	6.2	8.2	11.1	9.4	6.7	7.2	7.9	24	11.1	
31	7.2	5.0	4.0	6.7	8.2	6.9	8.2	10.6	10.6	9.2	6.2	3.1	4.1	6.7	6.5	8.7	8.4	6.5	6.2	5.5	7.0	8.7	6.9	8.4	24	10.6	
NO.:	31	31	31	31	31	31	31	31	31	29	29	31	31	31	30	31	31	31	31	31	31	31	31	31	31		
MAX:	21.7	19.1	21.9	22.2	19.5	20.3	29.8	23.7	26.7	34.0	46.4	20.3	21.7	19.1	23.2	16.7	21.5	17.6	17.4	22.4	20.0	19.6	24.7	20.5			
AVG:	11.83	11.02	11.35	11.34	10.95	11.13	11.00	11.25	10.90	11.52	12.00	10.29	9.42	9.09	9.55	9.78	10.04	10.04	10.75	11.88	10.87	10.97	11.19	11.23			

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 10.80 MONTHLY MAX: 46.4

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-061-0002 POC: 3
 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: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	9.6	6.4	6.4	7.4	5.9	6.9	11.1	17.6	14.7	13.3	12.6	11.9	11.6	11.6	9.9	9.4	7.7	7.7	9.7	11.8	10.8	24.6	18.5	17.6	24	24.6	
2	16.4	14.4	14.2	12.5	12.5	AV	AV	16.6	8.4	9.2	8.9	8.7	10.2	8.5	6.2	9.7	13.3	12.8	13.0	13.2	12.0	12.0	13.2	14.2	22	16.6	
3	15.4	11.1	15.1	15.1	13.7	13.2	12.8	10.8	11.3	12.6	9.2	6.7	6.0	5.7	5.3	5.7	8.9	10.4	9.6	10.1	12.3	12.5	10.8	12.5	24	15.4	
4	19.2	11.8	12.8	19.2	14.4	17.3	14.4	12.8	10.1	9.4	8.4	8.7	10.4	10.4	15.7	14.7	12.8	AM	10.4	11.8	13.5	18.3	11.1	9.9	23	19.2	
5	9.6	10.1	11.1	12.5	15.4	14.4	17.8	15.1	15.9	14.2	13.7	12.8	12.8	13.8	13.5	12.8	16.9	17.3	18.0	10.6	15.6	14.9	16.1	17.8	24	18.0	
6	14.7	12.3	12.0	14.9	17.6	12.0	12.8	15.1	10.6	10.4	10.1	9.9	10.8	12.3	12.1	AX	8.9	5.7	5.7	5.9	6.4	7.4	5.2	6.9	23	17.6	
7	10.1	10.4	9.6	9.1	8.2	5.0	5.2	6.7	8.1	10.4	9.6	6.5	5.5	4.8	4.0	4.0	7.0	9.4	7.4	5.9	7.4	7.9	8.9	11.1	24	11.1	
8	9.4	9.1	9.6	7.9	9.4	12.3	13.2	15.9	10.9	9.4	9.7	10.4	8.9	4.1	2.8	4.3	4.8	6.9	7.2	6.7	7.2	10.8	14.0	12.3	24	15.9	
9	9.4	9.4	10.6	10.1	10.9	11.6	11.8	11.8	11.8	11.6	7.7	8.7	9.4	8.7	9.7	7.2	7.0	8.9	7.4	5.9	7.7	10.8	10.6	9.6	24	11.8	
10	18.5	31.5	45.8	54.6	46.1	31.8	24.4	23.9	18.1	15.4	14.7	13.3	11.4	12.1	11.9	10.4	10.2	17.8	15.7	12.6	18.1	18.1	15.2	13.0	24	54.6	
11	18.1	16.6	21.2	14.9	20.5	16.9	18.1	19.7	17.6	13.1	11.4	9.5	7.5	6.8	7.0	6.3	7.0	7.0	7.0	7.2	15.2	7.9	10.2	14.9	24	21.2	
12	14.7	17.9	15.2	12.1	13.0	11.1	7.7	7.2	9.9	9.2	6.3	6.0	7.2	8.5	9.0	8.2	8.0	6.5	5.0	5.3	6.0	5.8	5.0	8.5	24	17.9	
13	8.0	5.0	5.3	7.2	7.5	5.0	6.0	7.7	8.2	9.0	6.7	2.1	2.3	6.5	8.2	6.7	3.8	2.8	3.0	2.6	2.5	5.5	7.2	6.7	24	9.0	
14	7.4	8.2	9.4	11.6	11.8	10.1	11.1	11.6	11.8	12.8	10.1	8.4	9.9	9.4	10.4	10.4	9.9	9.2	8.2	9.9	9.9	8.4	8.7	7.4	24	12.8	
15	5.7	9.4	8.9	6.4	6.2	5.2	7.9	8.2	6.9	9.2	8.2	7.7	9.7	10.6	12.3	12.3	19.5	13.5	14.0	18.5	13.9	13.5	11.8	10.1	24	19.5	
16	15.2	13.5	12.3	12.5	13.2	10.1	15.4	12.5	10.6	8.7	9.4	9.7	10.2	11.9	13.3	11.6	10.9	12.8	19.0	15.6	13.2	12.3	11.8	11.8	24	19.0	
17	8.4	7.2	6.0	6.7	10.9	10.4	9.9	9.2	8.9	10.9	12.1	9.9	8.9	10.4	9.7	7.2	8.5	8.5	9.7	12.3	9.2	8.7	9.9	11.6	24	12.3	
18	11.3	9.6	9.1	8.9	11.1	11.3	9.7	11.4	9.9	8.2	8.0	6.0	7.5	6.5	6.7	10.2	9.9	14.9	8.4	9.7	9.7	8.7	8.0	8.0	24	14.9	
19	6.2	6.7	7.2	6.5	7.7	8.4	7.4	5.5	6.5	8.5	9.0	8.0	10.2	10.7	7.7	8.0	9.2	9.2	8.5	9.2	9.7	10.7	12.3	9.4	24	12.3	
20	7.7	9.2	10.2	14.9	12.8	12.3	15.9	15.7	14.5	13.8	15.4	15.7	11.6	12.6	11.1	7.5	7.5	8.5	8.5	9.9	9.9	16.4	11.6	12.6	24	16.4	
21	15.4	16.1	11.6	11.1	16.4	10.9	16.4	12.3	13.3	12.1	9.4	AZ	7.2	9.7	10.9	10.2	13.3	14.2	19.5	17.3	13.2	12.3	11.6	11.3	23	19.5	
22	10.9	10.1	9.9	11.3	13.0	13.3	11.3	10.9	12.3	17.4	8.2	8.0	7.5	7.0	7.0	8.0	7.9	5.5	5.7	7.4	8.4	9.6	10.1	9.6	24	17.4	
23	11.8	14.7	16.4	10.1	10.1	11.3	13.0	15.4	12.8	11.6	9.9	9.2	8.7	9.4	9.7	10.7	13.3	13.3	12.6	15.4	9.2	15.9	13.1	18.6	24	18.6	
24	21.2	22.4	19.0	14.4	12.3	5.0	.5	2.8	5.0	3.8	1.6	3.3	5.5	5.5	5.7	6.7	8.7	8.4	6.4	7.4	9.9	11.3	9.6	6.2	24	22.4	
25	4.7	5.7	4.5	3.8	4.0	6.0	8.9	5.2	4.5	5.2	5.3	4.0	1.1	3.3	3.3	3.3	7.4	8.9	7.7	5.5	6.9	8.7	8.4	7.9	24	8.9	
26	8.7	12.1	12.5	9.9	6.9	7.2	10.6	11.3	10.9	11.1	12.1	10.9	8.5	9.9	9.2	7.2	7.4	6.0	6.7	8.7	8.9	9.4	8.7	7.2	24	12.5	
27	10.6	13.5	15.2	13.0	11.6	10.1	12.5	14.7	14.4	16.4	21.9	11.8	15.4	21.4	19.3	20.7	21.4	23.1	24.9	24.9	25.6	25.1	31.3	25.6	24	31.3	
28	23.4	22.6	23.9	17.8	13.7	15.2	20.0	17.3	18.1	17.1	14.7	15.4	13.3	42.5	15.4	14.7	16.9	16.1	16.9	13.3	12.8	12.5	12.5	15.4	24	42.5	
29	21.9	19.0	14.2	18.3	14.4	20.7	20.0	22.6	16.6	15.4	10.7	11.6	13.5	15.0	14.0	18.1	20.3	20.2	18.5	19.3	17.3	16.1	14.2	14.2	24	22.6	
30	14.0	12.8	10.9	11.3	16.1	15.2	15.7	14.2	14.2	17.6	13.3	21.0	13.1	17.6	15.5	13.1	12.1	11.4	20.5	15.2	17.3	16.9	14.2	14.0	24	21.0	
31																										0	
NO.:	30	30	30	30	30	29	29	30	30	30	29	30	30	30	29	30	29	30	30	30	30	30	30	30	30		
MAX:	23.4	31.5	45.8	54.6	46.1	31.8	24.4	23.9	18.1	17.6	21.9	21.0	15.4	42.5	19.3	20.7	21.4	23.1	24.9	24.9	25.6	25.1	31.3	25.6			
AVG:	12.59	12.63	13.00	12.87	12.91	11.73	12.47	12.72	11.56	11.57	10.28	9.51	9.19	10.91	9.88	9.63	10.68	10.93	11.16	10.97	11.32	12.43	11.79	11.86			

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 11.45 MONTHLY MAX: 54.6

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-061-0002 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2012

DURATION: 1 HOUR
UNITS: Micrograms/cubic meter (LC)
MIN DETECTABLE: 5

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	13.2	13.0	13.5	13.7	13.5	16.1	12.5	12.3	16.2	23.7	20.3	16.2	10.4	11.9	15.9	20.0	14.5	14.5	13.3	12.8	13.0	13.2	15.9	10.6	24	23.7
2	16.1	13.2	12.3	13.0	15.6	15.4	15.4	11.3	11.6	12.8	14.0	13.5	11.4	9.4	9.4	9.4	10.9	13.3	14.5	13.5	12.1	14.9	17.1	14.2	24	17.1
3	13.7	15.7	21.0	11.1	11.1	10.6	8.9	9.9	9.0	8.2	8.5	AX	6.0	7.0	9.0	8.0	6.5	9.0	15.2	14.5	12.6	12.3	13.1	12.6	23	21.0
4	11.4	11.1	11.6	10.7	8.7	8.9	11.1	11.1	12.1	12.1	15.0	9.7	10.9	9.0	7.0	9.2	12.1	11.1	11.6	12.6	11.6	10.2	8.2	8.5	24	15.0
5	6.0	6.0	8.2	9.7	8.0	7.0	7.5	7.2	9.2	10.2	6.3	2.6	5.1	7.2	7.7	10.2	11.6	12.4	16.9	8.2	8.5	9.0	15.4	11.1	24	16.9
6	11.6	9.7	6.7	7.2	9.9	12.1	11.3	10.6	9.9	8.7	8.2	7.7	7.2	8.2	8.4	7.7	7.9	6.2	6.0	7.2	5.0	5.7	5.5	2.0	24	12.1
7	4.0	5.0	3.8	4.7	5.5	6.4	6.2	6.2	5.9	6.0	5.7	5.5	7.0	6.3	7.5	6.7	6.0	8.5	8.7	7.7	7.0	8.0	10.9	9.9	24	10.9
8	8.5	11.9	16.9	15.7	20.0	16.9	17.9	18.1	14.0	15.5	16.4	12.1	11.2	9.7	14.7	15.5	15.0	13.8	13.5	15.2	15.9	17.1	12.8	13.5	24	20.0
9	13.3	12.4	12.8	10.2	9.2	13.0	14.2	14.0	11.6	11.4	19.3	12.6	11.7	9.2	6.3	4.3	4.6	4.8	4.6	5.5	5.0	4.8	6.7	8.0	24	19.3
10	5.8	4.6	5.5	2.6	- .3	2.6	3.4	2.1	4.1	3.8	7.0	8.5	6.5	6.8	6.0	7.2	8.2	9.9	10.9	12.1	14.0	14.3	13.5	12.4	24	14.3
11	9.9	9.5	11.2	10.9	15.0	11.6	10.4	9.0	10.9	18.4	10.7	11.6	13.3	11.4	10.2	12.1	11.9	10.4	11.6	13.3	10.4	7.2	7.2	9.7	24	18.4
12	10.4	17.8	16.9	18.8	14.4	14.7	13.5	17.1	14.9	10.1	10.9	11.3	11.3	10.9	8.7	7.2	8.4	14.9	17.6	16.4	18.8	16.9	15.9	15.6	24	18.8
13	15.6	15.2	13.0	13.0	13.7	14.9	18.1	15.9	15.7	19.3	BA	18.5	22.1	15.9	16.7	14.2	12.8	12.5	13.3	12.3	10.1	10.4	12.1	11.8	23	22.1
14	12.3	10.9	7.7	8.2	10.1	8.4	9.6	10.4	8.4	8.2	7.7	6.0	5.5	7.0	9.4	9.9	9.9	8.4	7.7	7.9	29.8	14.2	14.0	12.8	24	29.8
15	10.1	6.0	4.3	3.5	2.0	6.2	11.1	10.6	9.6	9.6	10.4	9.2	7.2	7.7	6.5	4.5	5.3	6.2	7.7	7.2	6.2	7.7	8.2	10.4	24	11.1
16	11.1	8.7	9.9	10.2	8.4	10.7	11.1	9.9	11.4	11.4	12.1	11.9	12.1	11.4	9.4	8.7	8.9	9.2	9.4	9.7	9.9	12.6	11.4	24	12.6	
17	7.5	8.0	11.4	11.6	10.9	9.2	8.2	9.2	8.9	9.7	9.2	7.0	6.7	6.7	8.0	9.2	8.7	8.5	6.7	7.5	9.4	8.5	8.0	10.7	24	11.6
18	8.2	6.0	6.5	5.8	6.7	6.7	5.8	6.5	9.9	10.9	9.0	8.2	9.0	9.4	10.9	11.2	8.0	7.7	9.2	7.4	6.4	6.2	4.0	4.8	24	11.2
19	6.9	5.2	4.8	5.5	7.9	9.9	7.7	6.7	6.0	5.3	4.5	5.8	7.0	7.0	7.2	6.5	6.2	8.2	8.4	9.4	12.8	14.2	11.8	10.1	24	14.2
20	10.4	8.7	15.2	15.4	11.8	12.5	15.9	10.6	10.4	11.3	12.1	9.4	8.5	16.7	9.4	9.2	7.0	4.5	3.1	4.1	4.5	1.8	2.9	4.6	24	16.7
21	3.6	8.5	20.7	13.7	13.0	9.4	7.9	8.2	7.7	6.7	4.8	2.6	2.1	3.1	3.0	2.6	1.5	1.3	1.8	2.0	1.8	3.1	4.5	3.0	24	20.7
22	1.5	3.0	5.0	5.2	4.0	2.3	1.3	2.3	3.5	4.0	3.8	3.8	2.3	2.1	3.6	5.0	5.5	3.3	4.3	6.9	9.2	9.6	6.9	4.3	24	9.6
23	3.0	6.2	9.1	9.6	7.4	7.4	8.9	8.7	8.4	8.2	6.5	5.0	3.6	2.3	2.8	.3	1.6	4.8	7.9	11.1	9.1	4.3	2.8	5.7	24	11.1
24	7.9	7.4	9.2	12.3	11.3	9.1	8.4	9.4	7.9	7.7	9.9	9.7	6.2	5.5	6.2	4.3	5.0	3.6	4.3	7.2	8.9	8.9	8.2	9.9	24	12.3
25	10.9	10.6	8.4	9.9	13.0	11.8	17.6	8.9	8.4	9.7	8.2	6.0	9.7	9.4	6.7	5.5	7.2	10.7	11.8	10.9	9.2	10.6	10.6	9.6	24	17.6
26	12.1	17.8	15.6	13.7	16.9	13.5	15.9	17.8	14.0	11.8	5.3	.4	1.1	3.8	5.5	7.2	9.0	9.9	8.7	6.2	7.2	7.7	5.7	8.9	24	17.8
27	8.7	4.0	5.5	9.2	7.2	3.0	3.8	5.5	5.2	4.5	5.0	4.0	4.3	5.7	5.3	5.0	5.0	3.8	4.5	5.2	5.2	5.2	6.9	5.0	24	9.2
28	5.5	8.7	7.7	8.7	7.7	6.9	7.9	8.2	7.7	6.2	5.0	6.2	5.7	5.7	6.7	6.0	6.7	6.9	6.2	7.4	8.9	9.9	7.9	8.4	24	9.9
29	9.2	7.7	10.1	11.8	12.6	18.1	19.0	10.4	10.1	9.1	9.9	9.6	6.9	8.2	9.9	9.4	10.6	13.0	13.5	12.1	11.3	10.6	8.9	8.2	24	19.0
30	7.4	8.4	7.2	6.4	8.7	9.4	9.6	8.4	7.2	5.5	6.4	5.7	3.1	3.3	2.3	1.5	4.5	7.9	7.7	5.2	4.0	4.0	7.7	9.9	24	9.9
31	8.4	7.4	7.2	6.7	7.4	8.9	6.7	4.7	6.0	8.7	9.9	6.9	4.5	6.7	7.0	5.5	5.0	6.0	8.2	9.9	10.4	11.1	10.8	9.9	24	11.1
NO.:	31	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	
MAX:	16.1	17.8	21.0	18.8	20.0	18.1	19.0	18.1	16.2	23.7	20.3	18.5	22.1	16.7	16.7	20.0	15.0	14.9	17.6	16.4	29.8	17.1	17.1	15.6		
AVG:	9.17	9.30	10.29	9.96	10.04	10.12	10.54	9.72	9.54	9.96	9.38	8.25	7.72	7.91	8.04	7.87	7.93	8.55	9.31	9.30	9.94	9.40	9.57	9.27		

MONTHLY OBSERVATIONS: 742 MONTHLY MEAN: 9.21 MONTHLY MAX: 29.8

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-063-0015 POC: 1
 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: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	13.9		6.1					14.6 X				
2						4.5	10.2 X				8.4	15.0
3		6.3		AJ	10.7 X				7.9	8.3 6		
4	5.3		3.7					9.3 X				
5						5.2	16.2 X				8.7	7.2
6		7.4		4.7	7.1				7.1 X	12.0 6		
7	10.4		7.8					4.3				
8						8.8	18.0 X				7.3	10.6
9		AM		6.3	6.0				5.1	4.9 6		
10	5.6		4.7					5.4				
11						5.9	9.5			6.4 6	16.3	3.6
12		AM		4.9	7.9				6.9	10.9 6		
13	3.0		19.9					10.5 X				
14						4.7	5.7 X				6.6	9.2 X
15		7.9		9.5	5.0				8.5	5.3 6		
16	12.0		13.1					14.2				
17						5.2	13.2 X				5.7	4.8
18		9.7		4.7	6.9				2.7	7.3 6		
19	5.9		10.0					7.4				
20						17.6 X	AJ				6.7	9.1
21		9.0		10.5	5.0				8.6 X	5.3 6		
22	8.0		7.7					10.0				
23						13.1	8.5 X				11.8	5.4
24		9.5		4.7	11.8				5.2	12.9 6		
25	BJ		4.7					6.8				
26						5.2	13.7				8.8	4.9
27	3.3	7.2		10.1	4.0				12.3 X	5.1 6		
28	5.0		14.6					4.5 X		5.1 6		
29						15.2	10.2 X				11.0	6.4
30				12.8	5.0				8.6	2.5 6		
31	12.1		12.8					8.6				
NO.:	11	7	11	9	10	10	9	11	10	12	10	10
MAX:	13.9	9.7	19.9	12.8	11.8	17.6	18.0	14.6	12.3	12.9	16.3	15.0
MEAN:	7.68	8.14	9.55	7.58	6.94	8.54	11.69	8.69	7.29	7.17	9.13	7.62
ANNUAL OBSERVATIONS:		120		ANNUAL MEAN:	8.31	ANNUAL MAX:	19.9					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(88101) PM2.5 - Local Conditions

SITE ID: 37-065-0004 POC: 1
 COUNTY: (065) Edgecombe
 CITY: (57500) Rocky Mount
 SITE ADDRESS: 900 SPRINGFIELD ROAD
 SITE COMMENTS: SUPERSEDES 37-065-0001
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 35.9335500009
 LONGITUDE: -77.75007
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 21
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	10.8		6.8					9.0				
2						5.2	11.5				8.5	15.0
3		5.8		6.4	15.3				6.5	7.1		
4	4.4		AV					6.8				
5						4.7	17.9				7.4	8.5
6		6.3		3.2	6.2				6.4	13.7		
7	15.5		6.8					4.4				
8						12.2	AN				6.8	10.7
9		8.4		6.9	5.9				5.0	3.6		
10	BJ		4.5				5.8	6.7				
11			5.6			7.5	8.4				12.3	5.4
12		3.0		7.2	7.0				4.8	8.1		
13	2.5		6.3					11.2				
14						8.0	5.0				6.9	8.7
15		7.5		8.4	6.5				7.2	4.0		
16	7.5		11.4					13.7				
17						5.4	9.9				7.6	4.7
18		11.0		5.8	4.0				3.9	6.8		
19	4.0		10.0					AV				
20						22.0	10.0				6.0	7.0
21		6.8		8.2	3.6				8.7	5.7		
22	9.3		7.2					AV				
23						14.0	8.1	11.4			12.5	6.0
24		8.6		4.6	AJ				5.1	11.4		
25	6.2		10.6					4.6				
26						4.9	15.9	4.0			11.2	6.0
27		6.7		11.7	3.3				10.0	2.9		
28	4.0		13.2					4.5				
29						17.7	9.4				15.7	5.4
30				7.7	5.3				8.5	1.9 V		
31	8.6		9.2					11.5				
NO.:	10	9	11	10	9	10	10	11	10	10	10	10
MAX:	15.5	11.0	13.2	11.7	15.3	22.0	17.9	13.7	10.0	13.7	15.7	15.0
MEAN:	7.28	7.12	8.33	7.01	6.34	10.16	10.19	7.98	6.61	6.52	9.49	7.74
ANNUAL OBSERVATIONS:		120		ANNUAL MEAN:	7.92	ANNUAL MAX:	22.0					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(88101) PM2.5 - Local Conditions

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: WINSTON-SALEM EVERYDAY CORE SITE

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: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	13.5	17.7	5.4	10.6	11.8	8.4	16.0	12.8	7.0	9.2	5.0	15.8
2	3.1	9.1	9.4	8.5	12.9	5.8	AV	13.1	6.5	4.3	6.7	12.7
3	3.0	5.7	5.6	9.3	13.0	8.2	14.7	15.4	5.8	6.4	5.6	AN
4	7.5	10.4	4.1	8.7	9.7	9.6	15.7	11.4	10.0	8.7	10.1	10.2
5	7.9	8.5	5.4	7.0	7.3	7.6	13.0	4.7	7.6	13.0	7.9	6.8
6	9.0	7.8	6.7	5.5	9.6	3.8	15.4	5.1	8.6	10.3	10.6	6.9
7	10.0	8.7	AN	4.8	7.3	5.7	16.9	5.2	9.4	5.5	4.9	11.1
8	8.4	13.0	8.5	6.5	5.7	8.4	20.2	8.5	8.9	5.7	8.6	16.4
9	9.6	6.8	6.5	5.7	5.6	AG	AV	3.6	AN	4.1	17.3	15.8
10	7.8	22.5	5.6	5.4	5.2	10.2	13.3	5.5	AN	6.2	15.8	8.5
11	12.0	12.6	7.1	4.6	6.9	4.9	10.4	6.4	AN	6.7	14.0	3.3
12	3.7	3.2	7.8	5.1	10.1	4.7	10.2	6.4	AN	7.3	9.0	6.7
13	2.3	4.8	10.0	9.2	8.8	11.2	6.0	10.0	AN	6.8	4.5	8.1
14	5.0	12.7	10.1	11.0	4.3	5.7	4.9	10.9	AN	9.4	7.5	12.2
15	7.0	9.0	9.8	13.7	4.2	6.8	5.8	8.3	AN	5.3	8.7	22.1
16	11.9	13.0	6.1	8.3	7.6	6.5	6.4	13.8	AN	7.7	8.4	17.7
17	9.1	7.4	6.0	7.2	14.2	8.5	13.6	13.5	AN	9.3	6.3	10.1
18	4.4	9.4	9.5	5.7	11.2	12.2	13.1	12.7	2.7	8.3	6.4	5.0
19	6.1	7.5	11.2	7.2	7.4	15.8	9.1	7.7	5.3	6.0	6.2	7.6
20	11.7	7.0	16.0	8.9	7.7	19.1	7.0	9.8	7.2	5.9	7.3	10.6
21	9.5	8.5	10.3	8.9	6.9	17.2	7.1	13.7	10.3	6.1	9.5	2.7
22	8.0	9.2	10.5	2.3	6.9	12.5	9.8	13.2	12.6	10.6	8.4	3.0
23	6.1	5.8	7.5	4.0	7.1	15.6	9.1	11.9	5.0	11.6	11.6	6.4
24	5.1	AG	5.2	4.9	13.9	14.9	9.1	11.1	4.9	14.1	3.9	11.3
25	4.3	2.7	3.0	6.5	16.2	12.7	11.0	10.2	8.9	11.9	6.9	8.9
26	9.3	AM	8.9	9.7	14.5	6.5	12.5	AN	12.2	17.3	11.5	5.4
27	4.0	AM	4.1	10.4	5.6	6.0	9.8	AN	13.0	7.5	17.7	4.0
28	4.8	AM	14.3	7.7	6.5	8.9	7.9	7.1	12.3	3.1	10.2	AT
29	3.0	AM	10.6	13.2	6.5	14.2	12.2	12.2	7.4	1.2	12.7	8.9
30	4.0		9.6	18.2	6.6	12.0	14.6	12.9	8.3	1.1	17.2	6.2
31	AR		9.3		8.9		11.3	7.3		3.6		10.5
NO.:	30	24	30	30	31	29	29	29	21	31	30	29
MAX:	13.5	22.5	16.0	18.2	16.2	19.1	20.2	15.4	13.0	17.3	17.7	22.1
MEAN:	7.04	9.29	8.14	7.96	8.71	9.78	11.24	9.81	8.28	7.55	9.35	9.48
ANNUAL OBSERVATIONS:	343		ANNUAL MEAN:	8.88	ANNUAL MAX:	22.5						

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-067-0030 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: FRATERNITY CHURCH ROAD
 SITE COMMENTS: NEW SITE ESTABLISHED IN WESTERN FORSYTH COUNTY 2004
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 36.026
 LONGITUDE: -80.342
 UTM ZONE: 17
 UTM NORTHING: 3986831.93
 UTM EASTING: 559286.32
 ELEVATION-MSL: 245
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	14.4		5.1					12.5				
2	3.5					6.0	9.5				8.7	13.6
3		6.6		9.3	12.1				6.2	6.3		
4	7.2		5.2					11.3				
5						8.1	12.1				8.5	7.0
6		8.2		5.2	10.0				8.3	10.0		
7	11.6		9.6					5.0				
8						9.1	20.2				9.8	16.2
9		8.8		6.5	8.6				4.9	4.7		
10	7.7		9.6					5.3				
11						4.5	15.4				15.6	3.1
12		2.9		2.5	9.7				9.8	8.5		
13	2.2		10.7					10.0				
14						6.1	5.0		13.6	6.6	6.0	12.2
15		9.3		14.3	4.0							
16	AN		5.8					13.3				
17						8.5	13.7				6.5	7.7
18		10.7		5.6	11.3				2.7	8.3		
19	5.9		12.1					8.3				
20						17.0	6.9				8.0	10.6
21				8.7	7.1				12.7	6.7		
22	AR		AG					12.5				
23						AR	8.8				11.7	8.3
24		AR		6.1	14.6				5.1	13.9		
25	6.5		3.2					9.5				
26						13.4	12.6				11.1	3.8
27		8.6		9.6	5.4				11.7	7.2		
28	5.3		14.9					6.3				
29						14.4	12.6				15.1	10.1
30				15.5	6.6				7.2	2.0		
31	8.1		8.7					6.7				
NO.:	10	7	10	10	10	9	10	11	10	10	10	10
MAX:	14.4	10.7	14.9	15.5	14.6	17.0	20.2	13.3	13.6	13.9	15.6	16.2
MEAN:	7.24	7.87	8.49	8.33	8.94	9.68	11.68	9.15	8.22	7.42	10.10	9.26
ANNUAL OBSERVATIONS:		117		ANNUAL MEAN:	8.89		ANNUAL MAX:	20.2				

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-067-0030 POC: 2
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: FRATERNITY CHURCH ROAD
 SITE COMMENTS: NEW SITE ESTABLISHED IN WESTERN FORSYTH COUNTY 2004
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 36.026
 LONGITUDE: -80.342
 UTM ZONE: 17
 UTM NORTHING: 3986831.93
 UTM EASTING: 559286.32
 ELEVATION-MSL: 245
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1								12.6				
2						5.0	10.4					
3		6.5		10.3	12.9							
4	7.2		AN									
5											8.4	7.0
6									8.6	AN		
7								4.8				
8						8.6	23.5					
9		7.5		5.4	6.2							
10	7.7		6.7									
11											15.7	3.3
12									9.1	AN		
13								9.2				
14						6.2	6.0					
15		11.7		14.5	3.2							
16	13.3		5.6									
17											7.7	8.5
18									AN	AN		
19								8.1				
20						16.4	7.0					
21		AN		8.9	7.2							
22	8.2		10.3									
23											AN	AN
24									AN	AN		
25								9.7				
26						AN	12.5					
27		9.2		11.2	6.1							
28	5.6		15.2									
29											17.5	8.5
30									AN	AN		
31								7.1				
NO.:	5	4	4	5	5	4	5	6	2	0	4	4
MAX:	13.3	11.7	15.2	14.5	12.9	16.4	23.5	12.6	9.1		17.5	8.5
MEAN:	8.40	8.73	9.45	10.06	7.12	9.05	11.88	8.58	8.85		12.33	6.83
ANNUAL OBSERVATIONS:		48		ANNUAL MEAN:	9.21	ANNUAL MAX:	23.5					

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
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Dec. 15, 2015

(88101) PM2.5 - Local Conditions

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: ID2=305

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: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1								10.2				
2						6.9	9.8					11.8
3		5.4		13.4	9.0							
4	7.5		4.0									
5											7.9	8.7
6									8.4	13.6		
7								3.3				
8						9.1	17.7					
9		AM		7.3	5.2							
10	BJ		5.4									
11											11.7	3.5
12		4.3							12.8	10.4		
13								9.7				
14						8.7	6.0					
15		12.2		13.7	5.8							
16	16.9		6.3									
17											9.1	3.1
18									2.7	8.9		
19								9.4				
20						AF	7.2					
21		9.8		11.6	10.1							
22	7.8		AM									
23						15.1					AN	9.2
24									4.8	11.4		
25								11.4				
26						8.5	11.6					
27		7.5		13.0	6.0							
28	6.4		13.3									
29											15.2	9.4
30									7.9	2.4		
31			AM					6.0				
NO.:	4	5	4	5	5	5	5	6	5	5	4	6
MAX:	16.9	12.2	13.3	13.7	10.1	15.1	17.7	11.4	12.8	13.6	15.2	11.8
MEAN:	9.65	7.84	7.25	11.80	7.22	9.66	10.46	8.33	7.32	9.34	10.98	7.62
ANNUAL OBSERVATIONS:		59		ANNUAL MEAN:	8.91	ANNUAL MAX:	17.7					

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
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Dec. 15, 2015

(88101) PM2.5 - Local Conditions

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: ID2=411?

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: 2.06

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1								AJ		AL		
2						AN	10.1					
3		6.7		AN	12.0							
4	8.5		5.4	7.4								
5				AM		5.9					8.4	6.0
6									7.6	9.8		
7								6.5				
8						8.4	20.7					
9		7.8		5.5	5.9							
10	8.3		AV									
11											14.6	3.0
12									9.0	8.5		
13			11.7					9.2				
14			AM			6.2	5.4					
15		7.4		12.2	3.7							
16	12.9		6.7									
17											AN	7.1
18									2.5	8.0		
19								6.9				
20						17.4	7.5					
21		9.3		2.5	5.5							
22	9.3		9.1									
23											11.6	10.0
24									5.8	19.6	5.5	
25								7.9				
26						5.3	13.7					
27		9.8		10.2	3.9							
28	6.7		AN									
29											12.5	10.6
30									9.9	1.8 V		
31								7.9				
NO.:	5	5	4	5	5	5	5	5	5	5	5	5
MAX:	12.9	9.8	11.7	12.2	12.0	17.4	20.7	9.2	9.9	19.6	14.6	10.6
MEAN:	9.14	8.20	8.23	7.56	6.20	8.64	11.48	7.68	6.96	9.54	10.52	7.34
ANNUAL OBSERVATIONS:		59		ANNUAL MEAN:	8.46	ANNUAL MAX:	20.7					

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
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Dec. 15, 2015

(88101) PM2.5 - Local Conditions

SITE ID: 37-081-0014 POC: 1
 COUNTY: (081) Guilford
 CITY: (00000) Not in a city
 SITE ADDRESS: 2127 Sandy Ridge Road, Colfax city
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 36.0686600009
 LONGITUDE: -80.00705
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 290
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	12.7		6.2					12.9				
2						5.6	10.3				8.4	12.8
3		AJ		7.1	12.7				7.5	5.9 TT		
4	6.3		5.2					9.8				
5						7.4	13.7				8.1	6.6
6		7.0		5.0	9.6				8.2	10.6		
7	9.6		10.2					6.6				
8						9.2	19.9				8.9	13.8
9		6.5		5.8	6.3				6.0	4.2		
10	7.6		5.8					5.9				
11						5.1	8.8				13.2	3.1
12		2.7		5.6	9.5				8.8	7.5		
13	2.1		10.2					10.0				
14						5.5	3.6				6.8	11.8
15		8.1		16.1	4.4				12.9	5.6		
16	10.2		7.3					13.1				
17						8.0	14.3				6.6	7.1
18		9.7		6.4	9.3				2.7	8.2		
19	6.1		13.9					7.4				
20						AF	7.5				8.1	10.4
21		8.2		10.3	6.6				10.0	6.8		
22	7.7		9.3					12.7				
23						14.4	6.3				10.7	7.5
24		8.4		4.7	15.7				4.2	12.8		
25	6.6		5.2					9.4				
26						5.6	13.1				11.2	5.3
27		8.6		10.7	4.2				12.0	6.7		
28	5.8		14.7					5.5				
29						14.4	10.7				14.1	10.5
30				13.9	6.9				8.5	.9 V		
31	6.3		10.4					5.6				
NO.:	11	8	11	10	10	9	10	11	10	10	10	10
MAX:	12.7	9.7	14.7	16.1	15.7	14.4	19.9	13.1	12.9	12.8	14.1	13.8
MEAN:	7.36	7.40	8.95	8.56	8.52	8.36	10.82	8.99	8.08	6.92	9.61	8.89
ANNUAL OBSERVATIONS:		120		ANNUAL MEAN:	8.56		ANNUAL MAX:	19.9				

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(88101) PM2.5 - Local Conditions

SITE ID: 37-087-0012 POC: 1
 COUNTY: (087) Haywood
 CITY: (71500) Waynesville
 SITE ADDRESS: 550 Vance Street
 SITE COMMENTS: replacement for 37-087-0010
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 35.5057500009
 LONGITUDE: -82.97918
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 803.1
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	13.9		AN					9.6	5.1			
2						6.0	9.7				8.5	9.3
3		12.0		10.0	9.7				6.8	3.3		
4	14.2 V		AN					9.1				
5						5.8	11.1				5.8	4.0
6		8.0		6.5	8.1				6.2	7.9		
7	8.7		AN					5.3				
8						7.9	13.7				12.5	7.8
9		10.7	6.8	6.3	7.3				4.0	8.1		
10	8.6		12.2					6.7				
11			12.0			4.0	5.4				11.7	3.7
12		6.0 V		6.2	10.0				10.2	8.3		
13	AM		6.0					6.9				
14						12.5	2.9				17.7	23.0
15	9.1	9.6		10.8	3.3				10.2	4.9		
16	11.5		4.0					9.1				
17						AM	6.7				17.8	3.0
18		11.6		15.1	BJ				2.1	6.1		
19	8.8		12.0					8.0				
20						12.7	3.9				15.0	11.5
21		7.8		6.3	BJ				8.9	10.0		
22	13.0		8.2					11.7				
23						10.5	7.3				14.3	20.1
24		6.5		4.4	8.9				5.0 6	10.5		
25	10.5		5.0	8.2	13.2			BJ				
26						11.6	9.7				14.9	.8 V
27		6.5		AF	10.5				10.2	5.7		
28	10.7		14.7	13.2	4.7			10.5				
29				13.2		11.3	11.3				18.2	5.8
30				10.6	5.8				8.0	2.2		
31	8.1		7.4					3.7				
NO.:	11	9	10	12	10	9	10	10	11	10	10	10
MAX:	14.2	12.0	14.7	15.1	13.2	12.7	13.7	11.7	10.2	10.5	18.2	23.0
MEAN:	10.65	8.74	8.83	9.23	8.15	9.14	8.17	8.06	6.97	6.70	13.64	8.90
ANNUAL OBSERVATIONS:		122		ANNUAL MEAN:	8.94	ANNUAL MAX:	23.0					

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
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Dec. 15, 2015

(88101) PM2.5 - Local Conditions

SITE ID: 37-099-0006 POC: 1
 COUNTY: (099) Jackson
 CITY: (00000) Not in a city
 SITE ADDRESS: US RT 19NORTH CHEROKEE NC
 SITE COMMENTS:
 MONITOR COMMENTS: ID2=191

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 35.466667
 LONGITUDE: -83.278056
 UTM ZONE: 17
 UTM NORTHING: 3926983
 UTM EASTING: 293288
 ELEVATION-MSL: 636
 PROBE HEIGHT: 15

SUPPORT AGENCY: (001) Eastern Band Of Cherokee Indians of North Carolina
 MONITOR TYPE: TRIBAL
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (001) Eastern Band Of Cherokee Indians of North Carolina

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	10.0		5.0					9.5				
2						6.8	11.2				8.3	11.6
3		5.1		10.7	11.1				6.7	3.9		
4	6.8		5.0					10.3				
5						6.4	11.9				8.4	8.0
6		6.5		3.5	6.6				6.3	10.6		
7	12.4		10.4					4.3				
8						9.2					7.9	9.2
9		9.8		6.6					4.2			
10	5.9		6.1					6.5				
11						1.8 VB	2.7				8.0	4.5
12		2.4		7.0	AN				10.7	7.7		
13	2.0		5.0					6.9				
14						11.9	3.8				6.2	8.7
15		10.1		11.8	3.6				8.5	7.4		
16	10.0		4.1		6.4			10.9				
17						8.2	6.4				9.1	4.3
18		6.9		3.7	13.3				25.4	9.2		
19	8.8		10.5					8.4				
20						11.8	4.3				6.8	8.1
21		10.3		8.0					9.4	AH		
22	5.5		7.7		13.8			11.2				
23						11.1	7.7				9.9	9.2
24		6.7		5.2	8.1				5.1	10.0		
25	5.1							10.0				
26						11.0	10.7				9.3	2.2
27		8.4		10.8	12.9				13.1	7.2		
28	5.7		15.0 5					9.2		2.8		
29						12.0	10.7				9.4	5.0
30				11.3	4.9				9.1	3.8		
31	8.2		8.1					4.6				
NO.:	11	9	10	10	9	10	9	11	10	9	10	10
MAX:	12.4	10.3	15.0	11.8	13.8	12.0	11.9	11.2	25.4	10.6	9.9	11.6
MEAN:	7.31	7.36	7.69	7.86	8.97	9.02	7.71	8.35	9.85	6.96	8.33	7.08
ANNUAL OBSERVATIONS:		118		ANNUAL MEAN:	8.05	ANNUAL MAX:	25.4					

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-099-0006 POC: 2
 COUNTY: (099) Jackson
 CITY: (00000) Not in a city
 SITE ADDRESS: US RT 19NORTH CHEROKEE NC
 SITE COMMENTS:
 MONITOR COMMENTS: ID2=192

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 35.466667
 LONGITUDE: -83.278056
 UTM ZONE: 17
 UTM NORTHING: 3926983
 UTM EASTING: 293288
 ELEVATION-MSL: 636
 PROBE HEIGHT: 15

SUPPORT AGENCY: (001) Eastern Band Of Cherokee Indians of North Carolina
 MONITOR TYPE: TRIBAL
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (001) Eastern Band Of Cherokee Indians of North Carolina

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1								9.7				
2						6.2	10.9					
3		7.2 5		10.5	12.4							
4	8.6 5		5.4									
5											7.9	8.5
6									6.2	9.4		
7								4.3				
8						9.3						
9		10.6		7.2	8.4					3.7		
10	6.4		6.3								8.5	4.7
11												
12									9.4	6.9		
13								7.9				
14						11.8	3.6					
15		9.7		10.7	3.4							
16	9.5		3.9									
17											9.3	3.8
18									3.0	8.9		
19								8.5				
20						11.6	4.5					
21		10.5		7.8	10.3							
22	5.4		7.0									
23											10.6	9.7
24									4.6	10.3		
25			5.6					10.5				
26						11.1	11.7					
27		9.0		11.0	13.7							
28	5.7		18.9 5									
29											9.2	4.4
30									9.0	4.2		
31								4.5				
NO.:	5	5	6	5	5	5	4	6	5	6	5	5
MAX:	9.5	10.6	18.9	11.0	13.7	11.8	11.7	10.5	9.4	10.3	10.6	9.7
MEAN:	7.12	9.40	7.85	9.44	9.64	10.00	7.68	7.57	6.44	7.23	9.10	6.22
ANNUAL OBSERVATIONS:		62		ANNUAL MEAN:	8.12	ANNUAL MAX:	18.9					

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
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Dec. 15, 2015

(88101) PM2.5 - Local Conditions

SITE ID: 37-101-0002 POC: 1
 COUNTY: (101) Johnston
 CITY: (00000) Not in a city
 SITE ADDRESS: 1338 JACK ROAD
 SITE COMMENTS: Upwind site for Raleigh
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 35.590833
 LONGITUDE: -78.461944
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 127
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	13.8		7.5					10.2				
2						5.5	10.2				7.1	12.6
3		5.9		8.5	AM	7.9			8.4	7.9		
4	5.3		4.0					7.2				
5						6.9	18.1				7.5	8.2
6		6.6		4.1	6.3	3.8			5.4	13.2		
7	16.9		6.5					3.2				
8						10.0	18.5				6.3	8.7
9		6.6		6.3	5.8				5.1	2.8		
10	6.1		6.2					6.1				
11						AN	9.2				11.4	5.2
12		2.9		5.5	9.9				5.6	7.2		
13	2.9		8.4			7.3		10.4				
14						4.8	5.8				5.8	6.7
15		AJ		8.8	6.0				8.0	4.7		
16	7.1		10.8					11.5				
17						6.0	11.6				7.0	3.0
18		7.8		6.5	7.7				3.5	5.3		
19	4.5		10.1					8.1				
20						20.6	8.5				4.4	AB
21		7.2		BJ	4.0				10.7	5.3		
22	6.9		5.0					9.2				
23						12.6	AN				10.5	5.7
24		8.1		3.6	AN				4.8	9.1		
25	BJ		4.2					6.8				
26						6.2	14.6				9.5	4.5
27	3.0	6.2		12.7	AN				9.4	3.8		
28	5.7		16.1	10.0				3.6				
29						17.0	9.0				7.9	4.5
30				15.0	AN		BJ		8.1	1.8 V		
31	10.3		9.9 V					8.6				
NO.:	11	8	11	10	6	12	9	11	10	10	10	9
MAX:	16.9	8.1	16.1	15.0	9.9	20.6	18.5	11.5	10.7	13.2	11.4	12.6
MEAN:	7.50	6.41	8.06	8.10	6.62	9.05	11.72	7.72	6.90	6.11	7.74	6.57
ANNUAL OBSERVATIONS:		117		ANNUAL MEAN:	7.77	ANNUAL MAX:	20.6					

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
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(88101) PM2.5 - Local Conditions

SITE ID: 37-107-0004 POC: 1
 COUNTY: (107) Lenoir
 CITY: (35920) Kinston
 SITE ADDRESS: HIGHWAY 70 EAST AND HIGHWAY 58 SOUTH
 SITE COMMENTS:
 MONITOR COMMENTS: ID2=701

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 35.231459
 LONGITUDE: -77.568792
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 15
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH												
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	9.5		8.7					7.7					
2						5.7	11.0				9.0	12.0	
3		5.7		6.6	9.6				9.4	5.1			
4	4.2		3.9					5.2					
5						4.8	18.9				8.3	6.7	
6		8.4		3.3	7.0				7.4	12.7			
7	16.9		5.8					4.0					
8						10.0	15.7				8.6	8.3	
9		12.5		7.5	3.5				5.3	3.5			
10	7.0		5.6					6.7					
11						7.5	6.6				9.0	8.5	
12		3.6		7.6	BJ				4.9	7.6	6		
13	3.2		5.8					9.9					
14						5.9	3.8				7.9	5.5	
15		9.3		7.5	BJ				7.4	4.2			
16	5.7		6.7		7.9			13.5					
17						6.8	7.1				6.9	4.8	
18		9.0		9.9	7.0				3.3	5.5			
19	4.0		9.3		14.0			10.0					
20						14.5	8.2				8.5	6.7	
21		6.7		5.2	3.6				7.2	5.4			
22	11.8		4.8					6.4					
23						11.0	7.8				9.6	4.6	
24		9.3		5.7	6.0				5.1	7.7			
25	5.0		5.2					6.5					
26						5.0	17.1				9.5	6.0	
27		8.2		11.7	4.0				5.8	3.5			
28	3.0		10.3					3.6					
29						20.4	8.5				13.8	5.5	6
30				7.3	4.3				7.3	2.5			
31	8.3		9.7					8.2					
NO.:	11	9	11	10	10	10	10	11	10	10	10	10	
MAX:	16.9	12.5	10.3	11.7	14.0	20.4	18.9	13.5	9.4	12.7	13.8	12.0	
MEAN:	7.15	8.08	6.89	7.23	6.69	9.16	10.47	7.43	6.31	5.77	9.11	6.86	
ANNUAL OBSERVATIONS:		122		ANNUAL MEAN:	7.58	ANNUAL MAX:	20.4						

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(88101) PM2.5 - Local Conditions

SITE ID: 37-111-0004 POC: 1
 COUNTY: (111) McDowell
 CITY: (41420) Marion
 SITE ADDRESS: 676 State Street
 SITE COMMENTS: Site on hill between football field & baseball diamond
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (165) EASTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 35.6874060009
 LONGITUDE: -81.993808
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 444
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	9.2		4.4					8.7				
2	2.7					5.4 1	9.2				9.2 1	11.1
3		8.9		13.3	9.0				6.8	6.6		
4	13.4 V		3.8					7.5				
5						8.0 1	12.7				9.1 1	AN
6		8.0		6.8	7.9				6.7	8.5		
7	11.0		13.5					6.4				
8						9.2 1	18.6				10.7 1	10.7
9		10.8		6.2	6.6				4.9	3.7		
10	9.2		6.0					4.7				
11						4.0 1	7.3				9.7 1	AN
12		3.5 V		5.9	AM				11.7	9.7		9.4
13	3.5 V		9.8					8.6				
14						8.2 1	4.5				9.8 1	11.5
15		10.7		12.0	AM				11.5	5.2		
16	15.2		5.5					10.2				
17					15.2	10.2 1	7.9				AQ	AQ
18		11.2		5.0	13.4				1.7 V	10.8		5.7
19	11.7		11.4		9.4			7.2				
20						15.4 1	4.4				13.0 1	AN
21		12.6		9.0	9.9 X				8.8	6.9		
22	12.4		8.0					11.6				
23					5.9	12.8 1	7.5				6.9 1	AN
24		7.6		4.7	10.8				4.1	10.8	5.0 1	
25	7.3		5.6					12.7				
26						11.3 1	12.5				10.2 1	AN
27		10.5		11.7	10.3				11.8	10.6		
28	6.5		13.9					9.0				14.7
29						13.5 1	10.2				12.6 1	10.2
30				15.0	6.8				10.6	2.4		7.4
31	10.2		7.5					5.0				
NO.:	12	9	11	10	11	10	10	11	10	10	10	8
MAX:	15.2	12.6	13.9	15.0	15.2	15.4	18.6	12.7	11.8	10.8	13.0	14.7
MEAN:	9.36	9.31	8.13	8.96	9.56	9.80	9.48	8.33	7.86	7.52	9.62	10.09
ANNUAL OBSERVATIONS:		122		ANNUAL MEAN:	8.98	ANNUAL MAX:	18.6					

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
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Dec. 15, 2015

(88101) PM2.5 - Local Conditions

SITE ID: 37-111-0004 POC: 2
 COUNTY: (111) McDowell
 CITY: (41420) Marion
 SITE ADDRESS: 676 State Street
 SITE COMMENTS: Site on hill between football field & baseball diamond
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (165) EASTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 35.6874060009
 LONGITUDE: -81.993808
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 444
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1								11.0				
2						6.7	9.5					
3		8.5		12.7	9.2							
4	13.7		4.4									
5											8.7 1	5.7
6									6.2	9.2		
7								5.2				
8						9.2	18.0					
9		10.7		6.2	6.9							
10	8.5		6.2									
11											AN	2.2
12									11.7	9.7		
13								9.1				
14						8.5	3.9				10.8 1	
15		11.2		12.7	BI							
16	14.5		7.8									
17											12.3 1	7.0
18					13.2				2.1	11.1		
19								7.5				
20						16.2	3.7					
21		12.1		12.2	9.6 X							
22	AM		8.0									
23											7.4 1	10.6
24					10.7 V				4.3	10.7		
25	7.3							13.2				
26						11.0	12.4					
27		10.5		11.6	AM						13.2 1	10.6
28	7.0		14.3									
29												
30									8.2	4.1		
31								5.6				
NO.:	5	5	5	5	5	5	5	6	5	5	5	5
MAX:	14.5	12.1	14.3	12.7	13.2	16.2	18.0	13.2	11.7	11.1	13.2	10.6
MEAN:	10.20	10.60	8.14	11.08	9.92	10.32	9.50	8.60	6.50	8.96	10.48	7.22
ANNUAL OBSERVATIONS:		61		ANNUAL MEAN:	9.28	ANNUAL MAX:	18.0					

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-117-0001 POC: 1
 COUNTY: (117) Martin
 CITY: (34320) Jamesville
 SITE ADDRESS: 1210 Hayes Street
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (168) NORTHERN COASTAL PLAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 35.81066
 LONGITUDE: -76.906249
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 14
 PROBE HEIGHT: 2.58

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	7.5		8.5					9.5				
2						4.9	AV				7.2	13.0
3		6.7		6.4	14.0				5.9	5.4		
4	4.8		4.0				19.5	6.4				
5						4.0	21.0				8.3	5.9
6		6.2		3.0	7.6				7.0	12.9		
7	16.5		5.2					3.8				
8						8.9	18.4				6.0	7.3
9		10.4		6.7	4.2				4.5	4.2		
10	6.0		4.8					5.4				
11						7.8	7.4				9.5	6.1
12		2.8		6.0	6.9				3.6	7.7		
13	3.2		6.2					9.0				
14						6.5	5.1				7.2	6.0
15		9.7		8.4	4.9				6.5	4.3		
16	5.2		7.6					16.0				
17						7.2	8.0				6.5	4.5
18		BA		BJ	5.0				3.8	5.3		
19	3.3		6.7					6.5				
20				7.1		25.1	8.4				6.0	7.7
21		7.2		5.9	5.0				7.6	5.1		
22	11.7		5.7					7.1				
23						11.3	8.8				8.4	4.9
24		11.1		5.2	4.0				5.4	10.1		
25	7.9	2.6	3.9					4.6				
26						5.4	15.3				9.5	6.3
27		7.8		9.7	3.3				7.0	2.9		
28	AM		10.5					4.1				
29						21.0	8.7				12.0	5.8
30				6.0	3.6				7.4	2.3		
31	8.5		10.2					8.8				
NO.:	10	9	11	10	10	10	10	11	10	10	10	10
MAX:	16.5	11.1	10.5	9.7	14.0	25.1	21.0	16.0	7.6	12.9	12.0	13.0
MEAN:	7.46	7.17	6.66	6.44	5.85	10.21	12.06	7.38	5.87	6.02	8.06	6.75
ANNUAL OBSERVATIONS:		121		ANNUAL MEAN:	7.49	ANNUAL MAX:	25.1					

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-117-0001 POC: 3
 COUNTY: (117) Martin
 CITY: (34320) Jamesville
 SITE ADDRESS: 1210 Hayes Street
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (168) NORTHERN COASTAL PLAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 35.81066
 LONGITUDE: -76.906249
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 14
 PROBE HEIGHT: 2.5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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																										0			
2																											0		
3																											0		
4																											0		
5																											0		
6																											0		
7																											0		
8																											0		
9																											0		
10																											0		
11																											0		
12																											0		
13																											0		
14																											0		
15																											0		
16																											0		
17																											0		
18																											0		
19																											0		
20																											0		
21																											0		
22																											0		
23																											0		
24																											0		
25															1.4	11.1	9.4	19.8	18.4	18.6	16.2	17.4	14.6	21.5	10	21.5			
26	17.9	14.8	10.7	17.0	15.1	15.3	15.3	14.1	14.1	8.8	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	10	17.9	
27	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0		
28	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0		
29	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	1.8	2.6	1.1	2.8	4.0	3.1	1.3	.1	1.6	9	4.0			
30	5.0	3.8	3.1	2.8	1.1	.8	4.8	5.5	3.1	1.1	2.8	4.0	2.1	1.3	4.3	3.3	4.0	3.5	4.0	5.5	4.8	3.3	2.8	5.5	24	5.5			
31	5.3	4.3	4.3	7.0	7.0	5.7	5.3	6.2	4.3	2.6	2.1	4.6	3.1	.9	3.6	4.6	4.6	2.6	3.3	3.6	5.5	6.0	4.6	7.0	24	7.0			
NO.:	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3	4	4	4	4	4	4	4	4	4	4				
MAX:	17.9	14.8	10.7	17.0	15.1	15.3	15.3	14.1	14.1	8.8	2.8	4.6	3.1	1.3	4.3	11.1	9.4	19.8	18.4	18.6	16.2	17.4	14.6	21.5					
AVG:	9.40	7.63	6.03	8.93	7.73	7.27	8.47	8.60	7.17	4.17	2.45	4.30	2.60	1.10	3.10	5.20	5.15	6.75	7.13	7.93	7.40	7.00	5.53	8.90					

MONTHLY OBSERVATIONS: 77 MONTHLY MEAN: 6.50 MONTHLY MAX: 21.5

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-117-0001 POC: 3
 COUNTY: (117) Martin
 CITY: (34320) Jamesville
 SITE ADDRESS: 1210 Hayes Street
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (168) NORTHERN COASTAL PLAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 35.81066
 LONGITUDE: -76.906249
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 14
 PROBE HEIGHT: 2.5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	6.5	5.3	9.4	7.5	7.9	9.7	8.5	7.7	5.5	7.5	5.3	2.1	2.8	3.8	3.6	3.6	6.5	5.5	9.7	7.2	9.4	6.7	6.5	8.2	24	9.7	
2	8.5	7.7	7.9	7.5	10.2	8.2	11.9	8.7	6.7	7.0	5.3	3.8	4.3	5.0	7.0	6.5	10.9	14.5	11.1	18.1	13.1	14.3	16.0	7.5	24	18.1	
3	10.6	14.1	11.9	6.5	15.7	12.4	13.3	10.7	8.5	8.7	6.5	5.8	4.1	3.8	2.8	2.8	2.8	6.5	6.7	11.6	20.2	27.8	14.1	16.9	24	27.8	
4	10.9	13.8	9.7	8.7	9.7	8.5	10.9	9.4	8.2	10.2	8.9	7.0	10.4	5.8	3.9	5.3	6.7	4.6	7.7	6.8	7.7	8.2	10.0	5.8	24	13.8	
5	11.4	9.0	6.8	8.7	11.9	12.7	12.2	10.4	7.7	8.5	7.0	8.5	7.5	12.2	8.0	8.7	11.4	11.9	14.1	14.1	13.4	14.8	10.4	12.9	24	14.8	
6	9.2	11.2	9.5	8.0	11.4	12.9	10.9	9.5	9.0	7.0	10.4	8.2	4.6	4.3	5.3	2.9	2.4	5.6	7.7	5.6	6.0	5.3	9.5	7.7	24	12.9	
7	3.9	3.9	7.7	6.5	6.5	14.1	9.5	7.0	9.0	6.8	4.4	1.6	-1.4	2.4	6.8	7.3	7.8	4.9	9.0	10.2	8.0	7.5	10.4	9.7	24	14.1	
8	13.4	10.4	13.4	12.9	10.9	8.0	10.4	11.9	8.7	7.7	7.3	6.3	4.4	3.6	4.1	4.1	3.6	4.6	9.5	10.7	12.7	8.8	11.0	10.5	24	13.4	
9	10.2	10.0	13.1	13.6	13.9	10.7	8.0	15.5	10.2	AZ	AZ	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	9	15.5
10	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
11	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
12	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
13	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	.9	2.9	4.2	5.4	6.3	4.2	5.9	3.7	6.3	10.5	7.6	11	10.5	
14	6.8	10.0	10.2	14.8	13.6	11.9	13.2	12.7	12.7	11.7	9.3	5.9	6.3	7.3	8.6	5.9	8.8	7.3	7.8	7.3	9.5	11.5	8.8	8.5	24	14.8	
15	9.3	7.5	9.5	10.7	11.0	9.3	7.1	6.6	5.4	8.0	6.6	5.9	6.6	5.8	8.5	3.7	2.4	4.9	3.9	5.2	11.2	7.8	7.1	9.3	24	11.2	
16	8.0	7.1	8.1	6.1	5.2	6.3	8.8	9.5	8.0	8.1	AX	AX	5.4	5.9	4.2	8.5	13.7	11.5	7.8	5.2	6.8	6.1	10.7	10.2	22	13.7	
17	8.8	5.6	9.8	10.3	10.3	7.6	12.5	11.0	9.5	8.6	6.1	8.1	8.1	8.8	10.3	9.5	8.8	10.5	9.8	12.0	10.7	9.5	9.3	7.3	24	12.5	
18	10.7	9.3	6.1	7.6	6.8	8.1	10.5	12.0	9.5	11.2	8.3	7.8	7.1	4.9	8.1	5.6	4.7	8.8	9.1	8.6	11.5	9.5	7.8	10.3	24	12.0	
19	12.5	10.5	7.6	7.1	7.1	7.6	8.1	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	7	12.5	
20	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	1.7	9.3	6.9	7.8	7.6	12.3	7.1	3.0	5.4	7.6	4.7	11	12.3	
21	9.3	9.1	7.1	13.9	13.5	16.1	12.2	17.8	15.4	6.6	6.8	6.1	4.9	5.2	5.2	5.4	6.8	8.6	6.8	8.1	7.6	10.5	10.0	9.3	24	17.8	
22	11.0	18.5	13.5	11.7	10.3	10.3	15.1	8.3	8.3	10.5	11.0	7.3	6.6	10.6	8.6	5.9	7.7	6.7	9.1	9.4	11.6	7.4	9.6	8.7	24	18.5	
23	9.9	11.1	10.1	10.6	11.1	12.6	13.3	9.1	14.5	10.9	8.4	7.2	6.9	8.9	8.9	7.9	6.4	9.6	13.5	13.5	12.3	11.3	12.3	17.1	24	17.1	
24	10.8	14.3	8.7	4.8	3.8	5.5	5.0	2.5	2.0	8.6	5.5	8.9	7.7	4.5	4.8	3.3	5.5	9.9	7.9	6.2	6.0	5.7	5.9	3.7	24	14.3	
25	3.8	6.2	4.7	5.9	4.3	2.8	4.2	6.0	4.5	1.5	.3	-1.3	-.3	2.8	2.5	3.8	2.3	9.6	9.1	9.6	9.4	10.6	11.6	10.6	24	11.6	
26	10.1	6.9	7.9	7.6	7.2	8.9	12.3	13.3	11.1	8.2	7.9	6.9	8.4	7.2	9.4	8.6	8.9	11.8	18.8	19.0	19.7	15.0	15.7	15.9	24	19.7	
27	14.7	17.3	16.9	12.8	16.9	14.2	16.4	12.3	15.2	9.1	10.1	12.6	12.3	13.8	15.7	22.9	21.2	19.7	17.1	18.8	19.5	26.0	21.9	18.5	24	26.0	
28	19.0	18.1	14.3	11.6	12.3	15.7	16.6	12.1	17.8	9.9	9.9	10.3	11.1	6.7	7.2	10.4	11.1	17.8	12.3	17.8	15.7	22.9	16.6	17.6	24	22.9	
29	16.4	20.9	18.5	21.2	22.2	17.8	17.6	18.3	19.7	16.6	13.5	16.1	9.9	7.2	6.4	5.5	8.9	10.1	11.8	10.1	17.6	13.8	17.6	16.9	24	22.2	
30	21.2	19.7	15.0	17.8	16.8	19.9	14.7	19.5	20.0	13.5	11.6	11.6	10.4	15.9	12.3	10.8	15.2	17.6	20.9	16.9	23.4	25.1	20.2	25.3	24	25.3	
31																										0	
NO.:	25	25	25	25	25	25	25	24	24	23	22	22	23	25	25	25	25	25	25	25	25	25	25	25	25		
MAX:	21.2	20.9	18.5	21.2	22.2	19.9	17.6	19.5	20.0	16.6	13.5	16.1	12.3	15.9	15.7	22.9	21.2	19.7	20.9	19.0	23.4	27.8	21.9	25.3			
AVG:	10.68	11.10	10.30	10.18	10.82	10.87	11.33	10.91	10.30	8.97	7.75	7.12	6.44	6.36	6.98	6.80	7.91	9.46	10.31	10.60	11.59	11.91	11.64	11.23			

MONTHLY OBSERVATIONS: 588 MONTHLY MEAN: 9.68 MONTHLY MAX: 27.8

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-117-0001 POC: 3
 COUNTY: (117) Martin
 CITY: (34320) Jamesville
 SITE ADDRESS: 1210 Hayes Street
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (168) NORTHERN COASTAL PLAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 35.81066
 LONGITUDE: -76.906249
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 14
 PROBE HEIGHT: 2.5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	31.2	22.7	21.4	22.2	22.9	22.2	24.1	22.6	23.8	17.8	9.9	9.4	12.8	11.8	9.6	10.6	12.8	19.0	19.0	14.0	18.8	17.1	15.9	19.5	24	31.2	
2	18.6	20.0	21.9	21.7	19.9	17.1	19.2	21.2	19.9	19.5	17.8	8.1	13.0	13.8	10.3	11.8	15.7	19.7	16.1	19.5	15.9	13.3	12.8	19.3	24	21.9	
3	19.7	15.0	20.2	13.1	9.9	8.9	10.6	13.3	10.4	9.6	5.3	7.7	8.9	5.7	7.7	11.1	11.8	12.1	14.3	14.7	15.0	19.3	16.4	23.1	24	23.1	
4	12.8	11.3	12.1	13.3	11.8	13.1	17.4	15.4	15.9	14.7	13.1	BA	BA	3.5	3.8	2.8	7.2	11.3	8.7	8.4	8.9	11.1	7.2	6.9	22	17.4	
5	4.8	1.8	4.3	7.7	8.2	10.1	8.2	6.0	8.4	6.0	6.9	8.4	11.1	9.9	13.5	14.3	10.8	6.7	4.0	1.6	.8	2.3	5.7	4.3	24	14.3	
6	3.1	2.5	9.4	9.9	8.9	7.9	8.9	5.3	1.3	1.3	5.2	4.0	1.8	1.8	4.0	5.0	6.2	7.7	6.9	7.9	6.7	3.8	6.9	6.0	24	9.9	
7	5.5	3.5	1.6	.8	1.8	6.2	6.0	6.0	8.6	6.0	5.5	3.5	2.0	4.3	5.3	5.2	6.2	6.2	4.3	5.2	4.8	1.3	1.5	6.7	24	8.6	
8	10.8	6.2	5.5	5.0	1.8	8.4	5.3	4.8	7.9	7.4	4.5	16.9	11.1	9.6	15.2	15.7	10.1	11.6	14.0	12.3	20.4	14.3	10.1	12.8	24	20.4	
9	11.1	10.4	10.4	11.3	10.8	12.3	17.8	11.8	14.5	14.3	20.0	8.2	15.2	10.4	8.7	11.6	8.2	11.8	10.4	8.9	9.4	6.7	3.3	2.0	24	20.0	
10	4.3	1.3	2.5	3.5	2.8	.1	-.5	.3	.3	1.6	-.3	2.6	4.3	5.0	7.7	6.9	5.3	7.7	8.2	12.3	10.4	7.9	10.1	10.1	24	12.3	
11	7.4	6.9	7.2	4.3	2.8	3.8	8.7	9.6	7.7	6.5	6.7	7.2	7.4	6.0	2.3	1.1	5.5	6.7	5.2	5.5	6.2	8.9	6.9	4.8	24	9.6	
12	8.2	6.0	3.8	13.5	10.6	6.2	7.7	12.0	10.6	7.4	9.4	7.0	4.0	8.2	8.9	7.7	4.8	6.9	17.4	9.4	12.8	10.6	7.9	10.1	24	17.4	
13	8.2	14.3	8.7	11.6	13.1	10.1	11.1	11.8	16.6	13.3	10.8	7.4	10.1	11.1	9.1	9.4	7.4	6.9	7.2	6.0	4.0	4.8	9.6	16.4	24	16.6	
14	7.4	6.4	10.4	10.8	13.8	12.1	13.3	15.7	9.4	8.6	5.7	2.5	2.5	5.7	3.3	1.3	2.0	12.1	7.4	8.4	10.1	11.6	10.1	13.8	24	15.7	
15	13.8	14.2	15.4	17.8	10.3	16.6	11.8	14.0	12.8	17.6	18.1	25.5	15.9	7.9	3.8	1.8	7.2	8.2	5.5	11.6	10.3	5.0	1.1	4.8	24	25.5	
16	9.4	8.7	8.4	8.4	7.9	AN	7.9	AN	6.2	4.0	AN	6.7	7.2	5.5	3.8	4.8	5.0	6.0	4.8	5.7	6.2	4.8	8.4	9.9	21	9.9	
17	4.8	7.9	10.4	6.7	5.7	6.2	10.9	7.4	4.3	5.0	4.0	4.0	1.1	-1.5	.3	2.3	2.8	3.8	2.6	4.0	3.8	.6	-.3	2.3	24	10.9	
18	5.5	2.1	-1.8	-3.5	3.8	3.8	-.1	6.2	2.8	AX	AX	-4.5	-4.5	-.5	5.7	4.5	8.7	8.7	5.5	2.3	-.1	.1	2.5	3.8	22	8.7	
19	5.7	3.5	1.5	4.3	4.0	5.5	8.6	6.7	5.3	5.3	4.5	4.5	4.8	3.3	3.0	3.3	6.9	9.9	9.9	8.4	13.1	8.2	13.5	19.2	24	19.2	
20	7.2	9.9	15.0	11.8	10.6	10.1	12.3	11.3	7.9	3.8	3.8	5.7	5.0	4.8	5.7	11.6	9.4	6.2	7.9	7.4	4.3	4.3	1.8	.1	24	15.0	
21	2.3	.3	-3.3	12.3	9.1	10.4	6.0	1.8	3.3	5.5	3.0	3.1	2.8	3.3	2.8	.8	-.8	1.3	3.5	2.5	3.3	2.8	-.3	1.8	24	12.3	
22	2.8	6.0	2.0	.0	1.8	1.5	.1	2.5	2.0	2.0	3.0	2.8	.6	-1.3	1.3	2.8	3.5	3.3	4.0	9.4	5.9	3.5	5.3	7.4	24	9.4	
23	6.9	6.9	5.9	7.2	8.9	8.6	3.8	3.5	8.2	6.4	.8	-4.5	-4.0	-.3	2.3	3.0	2.8	3.0	2.0	6.0	6.2	3.0	7.2	6.2	24	8.9	
24	4.0	4.8	4.8	7.7	9.6	12.6	10.1	7.4	9.1	8.4	7.9	6.4	6.5	6.9	10.4	7.4	9.6	8.4	6.9	6.2	6.4	7.4	4.5	9.1	24	12.6	
25	6.5	5.8	5.5	4.1	8.5	6.7	6.2	7.9	7.9	5.3	4.8	4.3	2.6	3.8	7.2	6.7	9.4	10.9	8.7	6.4	9.6	9.9	7.4	11.6	24	11.6	
26	14.3	13.5	10.4	13.3	13.8	12.1	9.1	9.7	16.6	8.7	5.0	6.0	4.0	2.0	-3.0	-5.0	-4.5	2.6	4.8	4.6	2.6	3.4	4.1	3.1	24	16.6	
27	2.4	5.0	1.4	2.3	2.4	.6	2.0	5.8	7.2	6.7	4.3	1.5	4.8	3.8	.6	1.6	4.6	3.8	4.3	7.7	4.8	5.7	6.2	4.5	24	7.7	
28	6.0	7.2	6.2	5.0	7.4	4.8	4.8	5.5	4.5	5.0	7.2	4.5	2.8	3.3	7.7	8.7	6.5	10.6	7.9	5.7	15.5	7.4	6.7	9.4	24	15.5	
29	5.3	10.6	6.2	6.9	8.2	9.1	9.4	8.7	5.5	3.8	3.6	3.3	.0	.1	3.3	2.1	2.6	3.5	2.8	3.8	8.4	5.3	2.1	4.5	24	10.6	
30	4.5	4.5	7.2	7.2	6.7	4.0	4.0	3.1	3.5	5.5	3.5	4.3	3.8	.3	2.8	3.0	4.8	4.8	3.6	4.0	4.8	5.7	5.7	6.5	24	7.2	
31	8.9	6.7	9.2	10.8	7.4	13.3	9.4	6.9	10.9	10.1	7.9	4.0	2.5	2.3	6.0	8.9	7.4	6.2	8.4	6.9	9.9	6.9	8.2	8.9	24	13.3	
NO.:	31	31	31	31	31	30	31	30	31	30	29	30	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	31.2	22.7	21.9	22.2	22.9	22.2	24.1	22.6	23.8	19.5	20.0	25.5	15.9	13.8	15.2	15.7	15.7	19.7	19.0	19.5	20.4	19.3	16.4	23.1			
AVG:	8.50	7.93	7.86	8.74	8.55	8.81	8.84	8.81	8.82	7.90	6.96	5.68	5.34	4.85	5.58	5.90	6.45	7.99	7.62	7.64	8.36	7.00	6.73	8.67			

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: 7.48 MONTHLY MAX: 31.2

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

(88101) PM2.5 - Local Conditions

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 ORIGI
 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

REPORT FOR: 2012

DURATION: 24 HOUR

COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential

UNITS: Micrograms/cubic meter (LC)

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

MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	17.8 IH	19.0	6.4					12.1				
2	3.0	8.9	9.4			7.5	9.3				8.4	14.7
3	3.8	7.0	5.2	11.1	9.8				6.7	6.0		
4	8.8	12.5	3.9					9.8				
5	8.8	11.1	4.8			8.8	20.6 IH				8.1	7.8
6	10.0	9.9	5.4	5.7	8.8				8.2	12.3		
7	10.7	8.7	9.8					3.6				
8	10.5	16.5	9.2			9.4	18.7				10.2	10.7
9	13.6	13.5		AN	6.1				4.8	4.4		
10	10.7	BJ	5.3					6.8				
11	6.7	12.4				4.2	5.2				12.5	2.9
12	4.2	3.2		4.9	11.6				13.9	10.4		
13	2.9	6.4	10.4					9.7				
14	6.4	13.1				7.4	7.1				7.6	13.4
15	8.1	11.3		13.2	5.5				13.9	6.0		
16	AV	15.1	8.1					11.7				
17	8.0	7.0				10.0	11.2				7.5	4.6
18	BE	9.8		7.8	13.8				3.0	8.8		
19	6.3	9.8	15.8					9.7				
20	15.9	8.3				15.3	AJ				8.7	13.0
21	11.5	10.0		11.5	7.9				10.4	7.2		
22	9.1	9.7	8.5					12.3				
23	5.6	8.7				14.4	10.8				19.5	9.3
24	5.7	9.4		4.9	16.9				4.8	13.0		
25	6.4	4.1	4.1 4					11.1				
26	10.1	6.9				7.9	12.7				11.6	4.0
27	3.8	AJ		14.5	4.0				10.6	8.3		
28	7.9	11.9	13.5					4.4				
29	5.0	AJ				14.6	10.9				17.7	8.9
30	5.6			12.8	7.7				8.6	2.9		
31	10.5		7.2					6.1				
NO.:	29	26	16	9	10	10	9	11	10	10	10	10
MAX:	17.8	19.0	15.8	14.5	16.9	15.3	20.6	12.3	13.9	13.0	19.5	14.7
MEAN:	8.19	10.16	7.94	9.60	9.21	9.95	11.83	8.85	8.49	7.93	11.18	8.93
ANNUAL OBSERVATIONS:		160		ANNUAL MEAN:	9.22	ANNUAL MAX:	20.6					

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-119-0042 POC: 1
 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 school 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

REPORT FOR: 2012

DURATION: 24 HOUR

COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential

UNITS: Micrograms/cubic meter (LC)

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

MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	31.2 IH		6.6					11.8				
2						7.6	8.4				9.8	16.4
3		5.9	5.1	9.5	9.7				7.0	5.9		
4	8.5		4.2					9.2				
5						8.9	21.0 IH				7.4	7.9
6		11.3		8.0	9.1				8.7	12.7		
7	11.6		10.0					3.5				
8						9.2	18.0				10.2	10.8
9		10.2		6.5	5.9				4.8	4.7		
10	11.2		6.0					7.7				
11						5.0	5.5				15.3	3.8
12		4.3		5.9	11.8				15.1	11.2		
13	2.7		16.6					9.6				
14						7.7	6.6				7.4	13.9
15		11.5		13.2	5.5				14.3	5.7		
16	11.5		7.2					12.3				
17						10.3	11.3				8.4	4.4
18		8.7		7.0	12.9				2.7	8.2		
19	7.0		16.5					9.4				
20						15.0	8.6				9.0	12.7
21		9.7		12.4	AB				11.3	AN		
22	10.2		7.0					12.5				
23						14.0	10.6				22.1	8.8
24		7.2		5.5	16.3				4.8	12.2		
25	7.9		5.2					11.7				
26						8.8	12.1				11.3	3.3
27		AN		16.9	4.2				12.0	10.0		
28	6.2		11.3					4.7				
29		10.5				15.0	10.3				17.0	9.3
30				12.5	8.5				7.8	2.5		
31	11.6		6.1					6.3				
NO.:	11	9	12	10	9	10	10	11	10	9	10	10
MAX:	31.2	11.5	16.6	16.9	16.3	15.0	21.0	12.5	15.1	12.7	22.1	16.4
MEAN:	10.87	8.81	8.48	9.74	9.32	10.15	11.24	8.97	8.85	8.12	11.79	9.13
ANNUAL OBSERVATIONS:		121		ANNUAL MEAN:	9.63	ANNUAL MAX:	31.2					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(88101) PM2.5 - Local Conditions

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 school 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: (118) R & P Model 2025 PM2.5 Sequential

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

REPORT FOR: 2012

DURATION: 24 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1								11.9				
2						7.6	9.3					
3		5.4	3.7	11.0	9.2							
4	7.9		4.1									
5											6.7	8.3
6									8.4	12.4		
7								3.9				
8						9.1	17.9					
9		9.3		7.0	6.4							
10	11.0		6.1									
11											15.7	3.5
12									14.3	11.4		
13								9.5				
14						7.2	6.4					
15		10.3		12.3	5.7							
16	11.3		7.8									
17											8.7	4.2
18									2.8	8.8		
19								8.9				
20						16.0	8.7					
21		10.5		12.1	AB							
22	10.0		8.0									
23											BJ	9.3
24									4.6	12.3		
25								11.0				
26						8.1	12.7					
27		8.9		14.3	4.3							
28	6.2		12.5									
29		BJ									17.3	9.3
30									7.9	2.5		
31								6.6				
NO.:	5	5	6	5	4	5	5	6	5	5	4	5
MAX:	11.3	10.5	12.5	14.3	9.2	16.0	17.9	11.9	14.3	12.4	17.3	9.3
MEAN:	9.28	8.88	7.03	11.34	6.40	9.60	11.00	8.63	7.60	9.48	12.10	6.92
ANNUAL OBSERVATIONS:		60		ANNUAL MEAN:	8.98	ANNUAL MAX:	17.9					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(88101) PM2.5 - Local Conditions

SITE ID: 37-119-0043 POC: 1
 COUNTY: (119) Mecklenburg
 CITY: (00000) Not in a city
 SITE ADDRESS: 513 RADIO ROAD
 SITE COMMENTS:
 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: 35.3041000009
 LONGITUDE: -80.88865
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 245
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	13.8 IH	19.2	6.8					10.4				
2	2.3	8.7	7.7			7.3	9.2				8.7	11.1
3	3.5	6.5	4.0	10.9	10.4				4.7	6.6		
4	8.4	13.0	4.5					9.0				
5	7.7	9.8	4.3			8.3	16.7 IH				7.5	7.5
6	9.5	9.6	AR	6.8	8.9				9.5	12.0		
7	10.9	7.2	10.7					3.8				
8	10.0	10.8				8.0	18.0				10.0	10.3
9	11.6	9.7		7.1	6.6				4.6	3.9		
10	9.7	26.4	5.6					6.4				
11	6.5	11.5 X				5.1	6.2				12.6	3.4
12	4.0	3.2		4.5	11.4				10.8	9.8		
13	3.8	5.5	11.0					9.2				
14	5.8	12.2				8.1	6.7				8.0	11.5
15	7.0	10.0		14.6	5.2				12.9	5.5		
16	10.8	13.3	7.3					11.8				
17	8.3	7.0				9.6	10.7				7.8	4.7
18	5.3	9.4		10.8	12.3				2.3	8.6		
19	6.3	8.4	AV					9.4				
20	13.4	6.8				14.7	8.4				7.8	13.4
21	10.8	9.5		10.9	AB				10.3	7.0		
22	8.4	9.7	8.2					11.5				
23	5.8	6.5				14.7	12.1				AJ	5.7
24	3.9	8.9		4.7	16.1				4.3	12.8		
25	6.5	5.1	6.3					9.8				
26	11.1	6.8				7.8	11.7				8.5	3.5
27	3.8	9.8		13.9	4.3				12.4	8.5		
28	6.2	7.2	12.4					4.5				
29	4.3	10.7				14.1	10.6				13.1	8.2
30	5.0			13.1	7.8				7.9	2.1		
31	9.2		6.5					4.9				
NO.:	31	29	13	10	9	10	10	11	10	10	9	10
MAX:	13.8	26.4	12.4	14.6	16.1	14.7	18.0	11.8	12.9	12.8	13.1	13.4
MEAN:	7.54	9.74	7.33	9.73	9.22	9.77	11.03	8.25	7.97	7.68	9.33	7.93
ANNUAL OBSERVATIONS:		162		ANNUAL MEAN:	8.70	ANNUAL MAX:	26.4					

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-121-0001 POC: 1
 COUNTY: (121) Mitchell
 CITY: (64260) Spruce Pine
 SITE ADDRESS: CITY HALL SUMMIT ST
 SITE COMMENTS: SPRUCE PINE 1 ELECTRICITY PROVIDED BY OWNER. {WE DO NOT PAY OWNER AT END OF YEAR}
 MONITOR COMMENTS: ID2=107

STATE: (37) North Carolina
 AQCR: (165) EASTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: INDUSTRIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 35.915278
 LONGITUDE: -82.073333
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 767
 PROBE HEIGHT: 11

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQA0: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	11.9		4.3					11.1				
2						5.9	8.8				7.3	14.0
3		AJ		11.4	9.4				6.1 V	6.0		
4	6.1 V		4.3					8.5				
5						7.2	10.5				6.6	7.4
6		5.0		6.0	7.0				4.0 V	7.7		
7	6.7		9.0					4.6				
8						7.5	16.5				11.2	8.6
9		11.6		5.8	6.9				5.7 V	3.4		
10	6.1		5.4					6.6				
11						3.0 V	7.7				10.1	4.7
12		2.6 V		5.0	7.6				11.0	7.8		
13	2.4 V		6.8					7.7				
14						8.8	3.5				12.2	11.7
15		5.7		11.5	3.0 V				10.2	5.8		
16	14.1		5.5					8.2				
17						10.2	6.2				12.8	4.6
18		12.5		8.2	11.9				2.3	BI		
19	11.4		8.9					5.8				
20						13.7	3.8				9.7	11.0
21		11.4		8.5	8.6				10.2	3.8		
22	6.2		9.0					9.9				
23						12.5	7.9				AN	6.8
24		7.4		4.8	9.6				3.6	11.5		
25	8.2		5.5					11.5				
26						8.2	10.3				AN	AO
27		10.8		11.5	10.9				11.1	10.5		
28	5.9		14.0					9.0			7.6	
29											14.8	AO
30				13.6 V	7.7				7.8	1.9 V	19.7	
31	16.3		5.9					5.0 V				
NO.:	11	8	11	10	10	10	10	11	10	9	10	8
MAX:	16.3	12.5	14.0	13.6	11.9	13.7	16.5	11.5	11.1	11.5	19.7	14.0
MEAN:	8.66	8.38	7.15	8.63	8.26	9.03	8.57	7.99	7.20	6.49	11.20	8.60
ANNUAL OBSERVATIONS:		118		ANNUAL MEAN:	8.35		ANNUAL MAX:	19.7				

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-123-0001 POC: 1
 COUNTY: (123) Montgomery
 CITY: (10120) Candor
 SITE ADDRESS: 126 PERRY DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS: ID2=603

STATE: (37) North Carolina
 AQCR: (169) SANDHILLS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 35.2632000009
 LONGITUDE: -79.836613
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 173
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	7.4		6.4					10.4				
2						5.5	9.5				7.2	9.7
3		5.9		11.6	8.5				6.4	7.6		
4	5.8		3.2					7.2				
5						7.9	18.1				8.1	7.0
6		7.5		4.7	8.2				7.5	13.2		
7	9.7		6.8					3.7				
8						9.9	17.1				9.5	12.2
9		6.5		6.5	6.2				4.0	4.8		
10	5.8		4.6					6.5				
11						4.5	6.2				10.8	4.0
12		1.5 V		4.3	8.6				7.6	8.0		
13	2.8		11.2					10.1				
14						5.8	4.5				7.5	13.0
15		8.9		9.8	7.5				8.9	4.7		
16	7.0		9.8					11.6				
17						6.7	11.1				7.7	4.5
18		7.7		7.9	9.2				2.6	6.7		
19	5.0		13.0					10.0				
20						17.7	8.2				5.8	9.5
21		6.4		8.5	4.2				9.2	5.1		
22	8.3		6.5					9.8				
23						11.5	8.5				11.4	3.8
24		9.5		4.3	15.8				4.2	10.0		
25	3.8		4.5					8.1				
26						7.6	12.4				8.1	4.3
27		5.8		12.7	3.6				11.0	5.7		
28	3.6		12.7					3.8				
29						15.5	8.9				12.0	6.8
30				14.7	6.2				7.4	2.5		
31	11.8		10.0					7.4				
NO.:	11	9	11	10	10	10	10	11	10	10	10	10
MAX:	11.8	9.5	13.0	14.7	15.8	17.7	18.1	11.6	11.0	13.2	12.0	13.0
MEAN:	6.45	6.63	8.06	8.50	7.80	9.26	10.45	8.05	6.88	6.83	8.81	7.48
ANNUAL OBSERVATIONS:		122		ANNUAL MEAN:	7.94		ANNUAL MAX:	18.1				

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-129-0002 POC: 1
 COUNTY: (129) New Hanover
 CITY: (10880) Castle Hayne
 SITE ADDRESS: 6028 HOLLY SHELTER RD
 SITE COMMENTS: CAROLINA POWER ELECTRIC METER NO. ACD-B87594-G35 85 409 257
 MONITOR COMMENTS: ID2=807

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 34.364167
 LONGITUDE: -77.838611
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 12
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	10.6		7.6					5.3				
2						AF	10.5				BJ	10.5
3		5.2		4.4	6.5				8.1	4.8 6	BJ	
4	3.7		4.0					AN				
5						6.5	15.8				BJ	4.1
6		5.8		3.0	5.7				8.9	10.6 6		
7	18.2		5.1					4.8				
8						8.1	13.4				7.0	7.9
9		10.2		9.1	3.0	9.9			5.4	7.2 6	7.8	
10	6.8		6.5					7.3				
11						5.7	5.7	5.5			8.2	7.8
12		3.1		6.2	6.9				4.9	6.6 6	6.1	
13	3.0		7.7					10.1				
14						7.0	3.2				AN	4.1
15		8.5		6.0	4.8				3.5	3.6 6		
16	4.2		3.0					12.1				
17						8.8	5.8				6.4	3.7
18		7.6		6.2	6.5				3.7	3.7 6		
19	AJ		11.3					7.8				
20						7.3	6.3				6.4	5.8
21		4.4		3.6	3.4							
22	9.2		3.3					2.8				
23						7.0	7.1				8.8	4.3
24		AM		4.2	3.0				4.3	7.4 6		
25	4.2		5.5					5.6				
26						5.4	13.0				8.1	4.5
27		5.0		10.4	3.4				5.5	AN		
28	2.7		8.7					1.7 V				
29						18.2	9.2				8.1	4.2
30				7.8	AV				6.4	3.1 6		
31	9.8		8.7					6.5				
NO.:	10	8	11	10	9	10	10	11	10	9	9	10
MAX:	18.2	10.2	11.3	10.4	6.9	18.2	15.8	12.1	8.9	10.6	8.8	10.5
MEAN:	7.24	6.23	6.49	6.09	4.80	8.39	9.00	6.32	5.59	5.83	7.43	5.69
ANNUAL OBSERVATIONS:		117		ANNUAL MEAN:	6.61	ANNUAL MAX:	18.2					

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-129-0002 POC: 3
 COUNTY: (129) New Hanover
 CITY: (10880) Castle Hayne
 SITE ADDRESS: 6028 HOLLY SHELTER RD
 SITE COMMENTS: CAROLINA POWER ELECTRIC METER NO. ACD-B87594-G35 85 409 257
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 34.364167
 LONGITUDE: -77.838611
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 12
 PROBE HEIGHT: 4.8

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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																										0				
2																											0			
3																											0			
4																											0			
5																											0			
6																											0			
7																											0			
8																											0			
9																											0			
10																											0			
11																											0			
12																											0			
13																											0			
14																											0			
15																											0			
16																											0			
17																											0			
18																											0			
19																											0			
20																											0			
21																											0			
22																											0			
23																											0			
24	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	12	11.5
25	13.8	11.3	7.1	9.1	9.8	10.6	9.8	9.9	10.2	8.2	8.0	6.5	7.0	8.2	9.0	8.2	7.9	10.4	11.6	10.1	6.7	9.9	18.9	6.7	24	18.9	24	18.9		
26	9.4	8.9	6.4	9.6	13.1	18.4	24.5	30.2	25.8	23.4	23.6	17.7	17.3	21.7	17.7	14.4	12.9	9.4	4.7	4.0	5.9	3.0	2.5	2.7	24	30.2	24	30.2		
27	4.2	8.4	6.9	5.4	16.3	7.4	8.4	9.9	7.9	7.2	4.2	3.2	6.4	6.7	6.2	7.4	6.7	2.4	2.4	3.4	2.9	2.7	1.0	1.4	24	16.3	24	16.3		
28	1.0	-.2	1.9	3.9	6.1	5.8	4.3	1.4	2.6	8.1	7.1	7.4	7.4	2.2	2.7	4.4	6.9	8.9	5.4	2.9	4.6	5.9	4.8	3.1	24	8.9	24	8.9		
29	6.3	7.1	.6	2.6	4.3	1.2	1.2	.9	1.6	.4	-2.8	-.2	2.7	.5	.9	3.4	5.0	4.8	3.6	-.2	1.1	5.8	4.1	2.4	24	7.1	24	7.1		
30	1.4	.6	1.4	.7	.0	2.1	4.8	2.4	.4	5.3	8.6	6.9	1.7	-.8	2.4	2.9	.2	2.1	6.8	7.3	8.5	6.6	2.1	.9	24	8.6	24	8.6		
31	2.4	7.1	7.6	7.8	8.5	5.0	4.6	6.3	2.9	19.9	5.4	4.9	4.1	7.1	6.1	4.1	4.6	3.3	1.4	4.1	8.3	8.3	8.3	6.3	24	19.9	24	19.9		
NO.:	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
MAX:	13.8	11.3	7.6	9.6	16.3	18.4	24.5	30.2	25.8	23.4	23.6	17.7	17.3	21.7	17.7	14.4	12.9	10.4	11.6	10.1	8.5	9.9	18.9	10.3						
AVG:	5.50	6.17	4.56	5.59	8.30	7.21	8.23	8.71	7.34	10.36	7.73	6.63	7.14	7.14	6.78	6.98	6.93	6.19	5.20	4.66	5.55	6.05	6.01	4.23						

MONTHLY OBSERVATIONS: 180 MONTHLY MEAN: 6.59 MONTHLY MAX: 30.2

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-129-0002 POC: 3
 COUNTY: (129) New Hanover
 CITY: (10880) Castle Hayne
 SITE ADDRESS: 6028 HOLLY SHELTER RD
 SITE COMMENTS: CAROLINA POWER ELECTRIC METER NO. ACD-B87594-G35 85 409 257
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 34.364167
 LONGITUDE: -77.838611
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 12
 PROBE HEIGHT: 4.8

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	5.0	3.8	5.0	7.5	8.0	8.3	7.0	6.5	9.5	13.5	9.3	4.9	6.1	9.8	12.3	10.3	6.8	2.1	4.8	11.5	10.2	10.0	8.8	6.5	24	13.5	
2	7.0	7.3	8.8	16.6	8.0	8.8	11.0	7.3	17.3	8.6	10.8	8.3	5.1	6.1	5.9	5.6	9.3	10.7	9.0	11.5	11.2	10.2	11.2	12.7	24	17.3	
3	11.2	9.5	9.5	6.0	7.3	6.0	6.3	11.0	8.0	5.6	9.3	12.3	12.8	11.5	7.1	4.8	2.6	-5	1.4	7.0	7.0	6.8	9.7	6.8	24	12.8	
4	7.3	11.0	9.2	9.3	10.0	10.0	6.5	9.0	13.8	28.7	14.3	14.3	16.7	20.8	21.3	20.3	8.8	8.6	2.3	2.6	10.7	9.0	10.0	11.0	24	28.7	
5	9.3	10.7	10.7	9.5	10.5	13.0	15.9	9.0	6.5	16.1	11.8	16.7	20.8	9.3	8.1	9.3	7.8	7.3	10.2	10.0	15.6	11.2	10.5	12.5	24	20.8	
6	14.7	14.2	11.5	11.7	13.3	13.7	14.9	13.7	15.9	14.0	13.5	9.0	5.6	8.5	12.7	11.7	12.2	10.7	6.3	8.5	7.6	6.8	9.5	9.3	24	15.9	
7	10.0	7.8	7.6	10.0	8.3	7.6	10.3	10.3	10.3	13.2	AX	10.8	8.8	11.8	11.0	4.8	7.3	13.7	10.3	7.8	9.3	10.5	8.8	8.0	23	13.7	
8	10.2	11.5	12.0	11.5	15.6	15.4	16.4	13.9	12.7	10.5	9.3	10.6	11.5	9.8	8.3	8.6	4.1	3.8	7.3	7.3	10.5	9.5	7.5	11.2	24	16.4	
9	12.7	12.9	12.7	10.5	10.0	10.5	12.2	17.8	15.1	12.7	9.0	8.1	8.6	5.3	3.6	6.3	10.0	10.7	8.3	9.5	15.1	13.0	12.2	11.2	24	17.8	
10	9.7	10.0	11.0	11.5	11.5	10.0	7.3	6.0	16.1	21.3	16.9	14.5	18.9	6.1	9.8	13.3	12.0	10.7	10.7	11.2	13.2	12.5	18.3	12.7	24	21.3	
11	13.4	12.7	15.4	13.4	12.9	13.2	13.7	16.8	12.3	13.0	16.4	9.8	7.8	4.6	5.4	9.3	10.8	8.3	8.5	8.8	10.0	12.5	10.5	11.0	24	16.8	
12	11.0	15.1	10.0	10.2	10.7	12.5	11.5	10.5	11.3	12.3	13.1	9.3	8.6	16.2	13.5	15.7	8.6	8.4	2.2	17.2	7.9	7.1	5.1	7.3	24	17.2	
13	7.6	7.1	11.8	16.4	7.3	15.2	12.8	18.4	17.9	5.6	5.4	3.9	5.6	2.2	3.1	12.3	9.8	6.9	7.1	7.8	7.1	5.1	3.6	5.6	24	18.4	
14	7.8	6.1	7.1	15.9	15.0	18.4	14.0	16.2	12.8	13.0	12.5	11.3	10.5	9.6	9.3	10.0	15.2	11.0	16.2	10.3	9.3	11.5	13.3	11.8	24	18.4	
15	9.6	9.1	9.0	10.0	10.3	15.5	5.8	7.6	10.0	7.8	8.6	10.8	11.0	11.8	12.5	13.5	12.3	8.6	9.3	11.5	11.3	12.8	12.3	10.3	24	15.5	
16	12.3	14.2	15.9	18.6	15.2	10.0	9.5	10.8	12.5	10.8	7.9	7.4	9.1	8.4	8.6	8.4	8.3	9.3	10.5	16.4	12.8	15.7	10.5	11.3	24	18.6	
17	12.0	15.2	10.0	10.8	10.8	12.5	12.0	11.3	10.8	9.3	10.3	12.3	11.5	9.3	9.8	8.3	8.8	8.8	9.3	9.3	9.5	9.5	6.8	7.1	24	15.2	
18	9.0	8.8	8.1	9.8	11.0	11.0	9.5	8.6	8.0	8.5	9.8	11.3	AZ	9.5	9.1	8.3	5.8	7.6	9.8	6.6	7.6	9.1	7.3	7.3	23	11.3	
19	8.8	6.6	3.4	5.8	9.1	7.8	7.6	11.0	12.5	13.5	14.0	10.0	9.8	8.3	8.8	11.3	8.1	7.1	10.5	10.8	9.6	11.3	10.5	15.4	24	15.4	
20	12.3	15.9	10.0	11.3	16.7	9.3	10.5	10.8	10.0	10.0	10.3	16.2	13.3	9.6	9.1	10.6	7.6	7.8	8.3	9.3	12.0	12.5	12.3	24	16.7		
21	17.9	13.7	11.8	18.1	11.8	11.5	7.6	7.3	11.5	11.8	AZ	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	10	18.1	
22	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	0	
23	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	0	
24	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	0	
25	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	0	
26	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	0	
27	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	0	
28	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	0	
29	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	0	
30	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	14.0	9.6	5.6	5.0	7.0	12.2	11.7	11.0	12.2	11.5	10.2	11	14.0	
31																										0	
NO.:	21	21	21	21	21	21	21	21	21	21	19	20	19	21	21	21	21	21	21	21	21	21	21	21	21		
MAX:	17.9	15.9	15.9	18.6	16.7	18.4	16.4	18.4	17.9	28.7	16.9	16.7	20.8	20.8	21.3	20.3	15.2	13.7	16.2	17.2	15.6	15.7	18.3	15.4			
AVG:	10.42	10.63	10.02	11.64	11.11	11.44	10.59	11.12	12.17	12.37	11.17	10.30	10.79	9.82	9.50	9.85	8.77	8.02	8.29	9.79	10.28	10.40	10.02	10.07			

MONTHLY OBSERVATIONS: 499 MONTHLY MEAN: 10.35 MONTHLY MAX: 28.7

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-129-0002 POC: 3
 COUNTY: (129) New Hanover
 CITY: (10880) Castle Hayne
 SITE ADDRESS: 6028 HOLLY SHELTER RD
 SITE COMMENTS: CAROLINA POWER ELECTRIC METER NO. ACD-B87594-G35 85 409 257
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 34.364167
 LONGITUDE: -77.838611
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 12
 PROBE HEIGHT: 4.8

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	11.7	12.2	11.5	12.0	11.7	11.7	13.0	14.2	16.6	17.8	22.1	10.8	7.6	7.9	11.6	11.1	11.8	8.3	8.8	13.7	12.5	15.4	9.5	11.5	24	22.1
2	12.5	10.7	10.5	10.7	20.8	19.5	14.2	13.5	12.7	13.3	26.0	9.6	9.3	10.1	11.1	12.8	12.3	15.9	15.2	6.1	10.0	13.7	16.6	20.3	24	26.0
3	19.3	11.8	16.9	14.2	13.0	13.0	11.8	8.5	16.7	10.6	8.9	9.4	9.6	AX	10.1	10.6	8.4	8.3	5.3	6.3	15.5	12.3	16.4	23	19.3	
4	15.7	11.5	9.1	7.8	9.6	9.6	9.3	9.3	9.8	22.8	10.9	25.0	20.4	9.9	9.9	9.1	10.4	8.1	6.9	6.4	3.1	1.4	4.9	8.8	24	25.0
5	9.8	6.6	1.9	3.9	.7	-3.6	2.1	4.4	7.6	10.4	6.2	2.2	1.3	5.4	7.2	4.9	6.9	9.4	9.6	11.8	12.6	13.3	14.8	8.6	24	14.8
6	1.2	1.4	2.9	4.8	5.4	.9	.2	3.1	5.1	7.4	7.8	8.8	10.8	7.8	4.9	4.4	3.1	2.9	1.7	3.4	3.9	2.7	2.7	3.6	24	10.8
7	5.4	4.6	2.6	2.2	5.9	8.1	8.8	8.8	5.4	6.4	6.9	5.7	7.4	9.6	10.9	8.9	6.2	3.4	5.2	5.9	5.7	5.9	6.4	7.4	24	10.9
8	6.6	4.9	3.7	4.7	7.9	8.1	7.4	11.8	14.5	15.7	16.0	19.4	19.2	11.9	17.0	14.8	12.9	15.5	9.8	15.5	11.3	12.6	13.3	13.5	24	19.4
9	12.1	8.8	10.3	11.6	10.6	11.6	11.1	7.9	9.9	21.9	12.6	9.9	6.4	6.7	7.4	6.9	8.2	9.4	6.7	3.7	3.4	6.1	6.9	4.7	24	21.9
10	3.7	6.5	6.0	5.5	5.2	1.8	-.1	1.3	3.2	4.0	7.2	7.5	9.4	15.8	11.9	10.7	9.9	12.4	13.8	16.7	10.4	9.4	10.6	11.4	24	16.7
11	8.4	8.7	7.4	3.0	6.2	10.2	10.4	10.2	10.6	10.4	10.9	13.9	17.0	11.4	10.9	15.8	16.5	15.5	15.5	16.0	15.1	21.2	8.2	4.6	24	21.2
12	7.1	10.8	8.6	8.9	9.8	12.3	11.3	12.1	16.0	10.3	8.1	5.9	5.9	7.6	8.1	6.9	7.6	8.4	7.9	6.4	7.6	9.1	9.1	9.1	24	16.0
13	8.6	8.1	6.6	5.4	5.4	6.4	10.1	10.6	10.6	16.0	11.6	12.8	17.0	17.9	19.6	10.8	9.6	7.9	8.8	9.6	9.6	11.1	10.8	8.3	24	19.6
14	8.1	8.1	9.6	10.8	8.3	8.8	9.8	8.3	9.1	11.1	11.1	16.7	11.4	9.1	5.7	4.9	4.9	2.9	-2.3	-4.0	1.2	4.9	4.1	4.1	24	16.7
15	4.4	2.1	4.1	7.3	6.1	7.1	9.8	8.8	6.1	5.6	8.6	8.6	5.9	6.4	6.9	5.7	5.4	6.9	6.6	6.1	7.3	7.8	9.1	16.4	24	16.4
16	11.3	12.8	10.1	4.4	4.9	6.7	7.6	7.9	5.9	6.1	7.4	8.1	6.4	7.4	11.1	10.9	9.4	10.3	15.5	9.6	10.3	10.3	7.9	8.4	24	15.5
17	9.3	7.2	3.7	1.7	3.7	5.2	5.4	3.9	4.0	7.2	9.4	11.1	9.7	7.4	10.1	9.6	4.7	4.9	9.1	11.3	6.9	3.4	1.4	2.2	24	11.3
18	5.6	5.9	3.9	2.4	2.9	2.4	4.6	3.4	3.6	7.4	5.7	5.7	9.4	10.6	8.9	7.7	6.2	5.6	5.6	3.4	5.6	7.1	3.6	3.9	24	10.6
19	7.6	7.1	5.4	7.6	5.4	4.6	9.6	7.8	7.8	10.1	BA	17.2	7.7	7.7	8.7	9.9	11.6	10.3	7.6	7.1	3.9	2.7	4.4	8.8	23	17.2
20	10.6	9.8	11.3	10.3	8.8	10.8	13.1	11.8	18.1	15.7	9.1	9.9	10.9	12.1	10.4	6.7	7.7	6.7	5.7	7.9	8.2	6.7	6.4	8.1	24	18.1
21	5.2	4.9	7.9	7.1	3.1	-.4	3.4	5.4	3.1	3.4	5.6	4.4	4.6	2.9	-2.6	-2.3	1.4	3.6	4.6	3.9	2.1	3.4	2.9	2.6	24	7.9
22	5.3	5.6	6.6	7.3	5.1	4.6	6.9	6.6	5.8	6.9	4.4	4.1	7.1	6.8	6.1	5.8	4.3	3.6	3.6	6.1	8.3	5.8	5.3	7.1	24	8.3
23	4.8	6.1	10.3	9.1	7.1	4.6	1.6	4.8	6.1	5.1	5.3	4.1	5.6	4.9	7.6	9.1	5.3	6.8	8.8	6.3	3.6	7.1	11.3	11.3	24	11.3
24	9.1	9.3	11.0	9.8	8.8	6.6	9.1	11.8	8.8	8.8	6.6	5.6	22.8	2.7	4.9	5.9	.0	1.4	6.8	7.1	9.6	10.0	10.8	11.0	24	22.8
25	6.9	6.1	11.5	9.8	6.6	7.8	10.3	12.0	8.3	5.9	8.9	13.1	11.6	9.1	4.4	4.4	6.1	5.1	7.4	7.4	9.8	10.8	10.1	12.6	24	13.1
26	11.8	10.8	12.3	12.6	12.8	11.1	10.8	9.3	8.8	15.7	10.9	7.2	4.5	6.4	9.7	12.4	9.7	9.9	8.1	2.7	4.1	6.6	8.4	2.9	24	15.7
27	-2.1	.2	1.7	3.2	2.9	3.2	7.1	9.3	7.1	8.6	8.9	5.4	6.6	5.4	3.9	3.9	3.1	3.9	2.4	2.4	5.6	8.1	5.1	1.4	24	9.3
28	2.4	5.9	5.9	7.8	10.8	7.6	8.8	10.6	8.1	5.9	6.4	6.9	7.1	7.1	8.3	8.6	6.9	6.6	8.1	8.8	9.6	9.3	11.6	24	11.6	
29	13.0	9.8	8.1	9.6	10.6	9.8	8.8	4.9	2.9	2.2	.2	3.1	3.9	2.2	3.4	5.9	5.4	4.9	5.9	8.3	9.6	9.1	10.1	9.8	24	13.0
30	7.9	7.6	8.6	10.3	7.1	4.6	8.6	8.3	4.9	5.1	6.4	8.3	9.3	7.6	7.8	6.4	6.1	6.6	7.6	9.8	8.6	4.9	4.4	7.8	24	10.3
31	5.8	4.8	9.5	11.0	9.5	9.1	9.1	6.8	8.1	12.3	13.0	11.5	8.1	7.8	9.8	7.4	6.4	7.1	8.3	9.8	8.1	9.1	11.8	11.0	24	13.0
NO.:	31	31	31	31	31	31	31	31	31	31	30	31	31	31	30	31	31	31	31	31	31	31	31	31	31	
MAX:	19.3	12.8	16.9	14.2	20.8	19.5	14.2	14.2	18.1	22.8	26.0	25.0	22.8	17.9	19.6	15.8	16.5	15.9	15.5	16.7	15.1	21.2	16.6	20.3		
AVG:	8.04	7.44	7.73	7.64	7.64	7.22	8.23	8.28	8.43	10.19	9.51	9.49	9.48	8.11	8.46	8.10	7.47	7.49	7.63	7.59	7.48	8.49	8.15	8.68		

MONTHLY OBSERVATIONS: 742 MONTHLY MEAN: 8.20 MONTHLY MAX: 26.0

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-147-0006 POC: 1
 COUNTY: (147) Pitt
 CITY: (00000) Not in a city
 SITE ADDRESS: 403 Government Circle
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (168) NORTHERN COASTAL PLAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 35.6386100009
 LONGITUDE: -77.35805
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 7
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	13.0		8.4					10.3				
2						5.6	15.0				8.8	AW
3		6.5		6.6	13.3				7.2	5.3		
4	5.1		4.3					6.2				
5						4.6	20.6				8.6	7.0
6		8.7		3.6	7.4				7.0	13.1		
7	18.7		AJ					5.0				
8						11.5	17.5				7.0	8.4
9		13.2		7.0	6.2				10.0	4.3		
10	7.7		5.4					6.8				
11						7.7	7.7				11.1	6.2
12		3.1		7.4	8.0				10.4	7.3		
13	3.6		6.7					10.2				
14						6.3	4.0				7.9	5.7
15		8.3		8.3	5.6				6.5	4.1		
16	5.0		8.4					14.0				
17						6.7	8.5				7.0	4.5
18		9.2		7.2	5.7				3.5	6.2		
19	4.2		11.2					7.7				
20						18.2	5.5				7.9	7.0
21		6.4		7.5	2.9				7.5	5.2		
22	12.0		4.8					7.0				
23						11.8	9.0				9.8	4.5
24		8.5		4.8	6.3				6.6	8.4		
25	7.5		4.8					4.1				
26						6.4	16.5				10.7	AN
27		8.0		11.2	3.2				7.6	3.4		
28	4.0		13.4					4.2				
29						21.0	9.3				12.4	AN
30				6.5	3.7				7.3	2.4		
31	8.2		10.5					8.0				
NO.:	11	9	10	10	10	10	10	11	10	10	10	7
MAX:	18.7	13.2	13.4	11.2	13.3	21.0	20.6	14.0	10.4	13.1	12.4	8.4
MEAN:	8.09	7.99	7.79	7.01	6.23	9.98	11.36	7.59	7.36	5.97	9.12	6.19
ANNUAL OBSERVATIONS:		118		ANNUAL MEAN:	7.93	ANNUAL MAX:	21.0					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Dec. 15, 2015

(88101) PM2.5 - Local Conditions

SITE ID: 37-155-0005 POC: 1
 COUNTY: (155) Robeson
 CITY: (00000) Not in a city
 SITE ADDRESS: 1170 LINKHAW ROAD
 SITE COMMENTS:
 MONITOR COMMENTS: ID2=605

STATE: (37) North Carolina
 AQCR: (169) SANDHILLS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 34.645000009
 LONGITUDE: -78.99028
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 41.75
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	15.2		8.3					9.2				
2						6.2	10.6				BJ	15.7
3		7.2		6.6	7.6				11.2	7.5		
4	6.0		4.2					5.4				
5						11.9	24.7				BJ	6.6
6		10.2		6.4	8.5				6.2	14.2		
7	18.0		9.5					4.0				
8						9.1	14.7				11.6	10.7
9		12.7		7.3	5.1				4.5	3.9	11.1	
10	9.6		7.8					6.2				8.3
11						4.7	4.3				14.0	
12		3.2		7.0	8.8				6.6	8.6	7.3	
13	3.2		13.7					11.7				
14						6.2	4.5				7.1	8.5
15		10.7		9.8	7.3				7.0	4.5		
16	6.8		10.6					12.2				
17						11.4	8.4				8.7	4.8
18		12.7		9.4	6.4				3.5	5.2		
19	6.2		10.4					8.7				
20						13.3	8.2				7.5	9.8
21		9.1		6.0	AN				8.1	5.6		
22	10.6		5.0					6.0				
23					11.5	8.2	10.2				13.9	13.6
24		9.0		5.6	9.7				AN	8.2		
25	7.3		6.6					6.8				
26						7.2	16.6		7.0		12.3	4.3
27		6.3		12.5	5.0				6.8	4.8		
28	5.1		11.8					3.0				
29						18.5	7.1				23.7	6.9
30				12.4	5.1				6.2	3.0		
31	10.1		11.0					7.1				
NO.:	11	9	11	10	10	10	10	11	10	10	10	10
MAX:	18.0	12.7	13.7	12.5	11.5	18.5	24.7	12.2	11.2	14.2	23.7	15.7
MEAN:	8.92	9.01	8.99	8.30	7.50	9.67	10.93	7.30	6.71	6.55	11.72	8.92
ANNUAL OBSERVATIONS:		122		ANNUAL MEAN:	8.70	ANNUAL MAX:	24.7					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
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Dec. 15, 2015

(88101) PM2.5 - Local Conditions

SITE ID: 37-159-0021 POC: 1
 COUNTY: (159) Rowan
 CITY: (57340) Rockwell
 SITE ADDRESS: 301 WEST ST & GOLD HILL AVENUE
 SITE COMMENTS: ON LOT OF THE CITY OF ROCKWELL PUBLIC WORKS OFFICE
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 35.551868
 LONGITUDE: -80.395039
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 240
 PROBE HEIGHT: 2.3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	18.7		7.0					12.5				
2						6.0	9.5				9.0	14.2
3		6.3		10.4	10.2				6.1	6.6		
4	8.2		4.0					10.5				
5						8.0	13.5				8.7	7.9
6		9.9		6.7	7.4				7.7	11.6		
7	11.0		9.8					4.3				
8						9.6	18.9				12.2	11.8
9		9.1		6.5	5.8				4.5	5.0		
10	8.0		7.2					5.9				
11						4.3	6.9				14.1	2.7
12		3.3		5.5	10.7				9.0	8.8		
13	2.5		10.8					10.6				
14						7.5	AF				7.1	12.0
15		10.4		12.6	4.9				2.8	5.2		
16	11.6		8.0					12.7				
17						8.3	14.5				8.8	5.4
18		11.2		6.1	11.7				AM	8.7		
19	6.0		13.5					9.4				
20						15.7	8.7				12.9	13.5
21		9.6		12.8	7.1		10.0		10.1	7.5		
22	9.5		8.7					10.7				
23						13.2	BJ				16.6	10.6
24		8.1		5.4	16.8				3.9	12.5		
25	6.2		3.5					10.2				
26						6.6	13.0				13.0	3.6
27		8.9		13.6	4.2				10.0	8.5		
28	5.7		13.2					4.2				
29						14.6	10.9				AR	7.9
30				15.3	7.7		14.2		8.8	2.6		
31	8.1		8.0					5.8				
NO.:	11	9	11	10	10	10	10	11	9	10	9	10
MAX:	18.7	11.2	13.5	15.3	16.8	15.7	18.9	12.7	10.1	12.5	16.6	14.2
MEAN:	8.68	8.53	8.52	9.49	8.65	9.38	12.01	8.80	6.99	7.70	11.38	8.96
ANNUAL OBSERVATIONS:		120		ANNUAL MEAN:	9.08	ANNUAL MAX:	18.9					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(88101) PM2.5 - Local Conditions

SITE ID: 37-159-0021 POC: 2
 COUNTY: (159) Rowan
 CITY: (57340) Rockwell
 SITE ADDRESS: 301 WEST ST & GOLD HILL AVENUE
 SITE COMMENTS: ON LOT OF THE CITY OF ROCKWELL PUBLIC WORKS OFFICE
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 35.551868
 LONGITUDE: -80.395039
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 240
 PROBE HEIGHT: 2.3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			7.2					12.3				
2						6.1	10.2					
3		AN		10.2	10.4							
4	7.9		4.5								8.9	8.4
5												
6		BJ							8.5	11.6		
7								4.0				
8						9.6	18.5					
9		AN		6.5	AN							
10	AN		5.7									
11					11.2				9.2	8.9	13.9	3.3
12												
13	3.2							AN				
14						AF	AF					
15		AN		13.3	AV							
16	11.9		6.7					12.1				
17						8.1	13.9				9.9	5.6
18					11.4				2.7	8.7		
19								9.1				
20						15.8	9.5					
21		10.0		12.1	7.1							
22	AN		9.0									
23											16.4	11.4
24		9.0							4.9	11.7		
25	6.3							3.2				
26						5.9	13.2					
27		10.2		14.0	4.4							
28	5.6		13.3									
29											19.3	8.8
30									14.7	1.9 V		
31								6.4				
NO.:	5	3	6	5	5	5	5	6	5	5	5	5
MAX:	11.9	10.2	13.3	14.0	11.4	15.8	18.5	12.3	14.7	11.7	19.3	11.4
MEAN:	6.98	9.73	7.73	11.22	8.90	9.10	13.06	7.85	8.00	8.56	13.68	7.50
ANNUAL OBSERVATIONS:		60		ANNUAL MEAN:	9.30		ANNUAL MAX:	19.3				

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-173-0002 POC: 3
 COUNTY: (173) Swain
 CITY: (08480) Bryson City (RR name Bryson)
 SITE ADDRESS: 30 Recreation Park Drive
 SITE COMMENTS: Address before Mar 2010 was 470 CENTER STREET, +35.435509, -83.443697 (173 M move)
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 35.434767
 LONGITUDE: -83.442133
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 560
 PROBE HEIGHT: 5

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS

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

REPORT FOR: JANUARY 2012

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 5

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	22.6	24.8	29.7	30.9	28.3	25.0	15.9	18.4	17.4	10.3	11.2	11.7	10.0	9.6	8.1	7.6	14.4	13.7	11.2	8.1	7.4	6.4	4.9	4.9	24	30.9	
2	6.4	6.6	5.6	5.9	6.4	5.1	4.1	3.4	3.6	3.6	4.1	5.9	3.9	2.9	3.9	3.9	4.4	4.4	4.1	4.9	6.9	7.6	6.4	4.2	24	7.6	
3	3.9	6.4	8.6	6.6	6.1	6.4	4.4	6.2	8.6	7.6	6.9	5.7	3.9	5.2	4.6	4.2	5.6	7.1	7.6	8.6	8.4	6.9	7.7	9.6	24	9.6	
4	15.7	17.4	20.9	17.1	19.9	13.3	19.7	20.9	24.9	13.5	11.3	24.2	9.6	7.1	1.7	2.5	3.7	4.6	14.2	21.4	23.1	15.7	9.8	15.0	24	24.9	
5	8.9	10.1	11.8	10.5	9.3	9.5	9.6	11.3	17.4	12.6	10.6	6.7	4.9	3.4	3.2	3.7	3.0	7.2	16.7	11.7	21.6	21.2	20.7	15.0	24	21.6	
6	11.2	15.5	20.5	12.7	13.2	12.5	11.5	10.1	19.5	21.2	11.3	9.1	4.4	4.4	5.2	4.2	3.4	2.2	15.2	16.5	16.2	36.1	32.6	18.1	24	36.1	
7	21.0	19.2	12.5	11.0	8.4	17.4	13.2	12.7	20.0	14.7	21.2	11.5	12.7	15.0	23.4	13.7	23.2	24.4	24.6	29.1	19.9	20.6	22.9	19.0	24	29.1	
8	13.5	27.6	10.1	11.8	11.0	8.3	8.6	5.2	6.2	11.5	11.8	10.8	9.8	10.5	11.0	14.5	14.2	12.5	11.3	14.0	12.3	15.5	16.2	7.9	24	27.6	
9	8.6	9.1	9.3	8.1	7.9	9.3	7.9	5.2	4.0	4.2	6.3	9.8	13.0	13.2	10.5	15.7	8.6	6.4	4.2	5.2	7.2	10.0	10.0	9.6	24	15.7	
10	8.8	6.7	7.2	5.7	2.0	2.5	4.9	4.2	4.4	6.7	8.3	8.3	7.4	9.0	10.3	7.9	8.6	9.5	10.0	17.2	12.2	15.5	14.0	12.2	24	17.2	
11	17.7	12.5	11.7	10.3	6.9	3.4	2.2	2.2	1.7	2.5	4.2	3.2	1.5	1.7	4.4	6.4	6.7	4.9	6.7	6.2	3.9	4.7	3.9	3.5	24	17.7	
12	5.7	7.2	7.2	6.7	4.2	1.0	-1	4.4	8.6	8.4	5.7	3.4	1.7	1.7	3.7	6.4	8.6	5.0	4.7	4.2	2.7	5.0	5.7	5.2	24	8.6	
13	5.7	5.0	3.5	5.4	5.2	4.4	5.9	4.7	4.5	6.2	22.9	.4	-2	.9	3.2	5.5	7.2	8.9	11.8	12.3	10.1	8.4	8.7	10.4	24	22.9	
14	10.8	6.7	5.2	6.7	5.9	5.2	6.5	8.0	7.7	7.7	4.7	2.7	4.0	4.0	5.0	5.5	6.7	7.7	10.1	11.8	8.4	16.5	4.2	4.9	24	16.5	
15	6.9	8.4	9.9	10.9	14.5	9.4	10.8	12.5	14.8	9.6	7.5	7.5	9.2	7.7	5.2	3.0	2.3	2.7	5.7	7.0	20.2	21.2	17.0	23.5	24	23.5	
16	21.2	24.4	25.7	27.4	21.7	18.5	16.0	14.8	12.4	18.2	9.4	10.9	11.4	9.2	10.4	18.2	11.8	18.5	27.9	21.7	32.2	26.4	33.9	29.6	24	33.9	
17	28.4	22.9	31.7	24.9	26.7	23.2	17.7	16.0	12.8	17.7	18.0	21.0	21.0	21.8	30.8	38.8	36.6	44.0	43.8	34.1	30.8	32.0	2.8	5.5	24	44.0	
18	10.6	14.8	16.0	12.3	17.2	17.5	19.8	17.0	23.7	14.0	13.3	10.7	7.5	8.2	7.7	7.5	10.8	10.1	6.0	5.0	7.7	16.2	15.2	17.0	24	23.7	
19	14.3	14.8	13.0	13.0	12.3	12.9	14.3	14.8	16.3	13.6	13.4	10.9	7.2	6.5	9.4	11.6	8.2	4.2	6.7	17.5	15.8	17.8	20.5	16.3	24	20.5	
20	13.6	16.8	14.1	13.3	12.3	14.8	14.3	13.8	14.5	18.2	20.7	19.0	17.0	20.3	20.2	17.3	22.0	20.0	28.9	21.5	24.2	23.7	20.3	17.5	24	28.9	
21	24.2	15.0	13.5	14.5	13.5	13.8	12.5	11.5	11.8	8.2	9.2	9.8	5.8	6.8	8.7	5.0	2.8	8.7	9.1	4.7	5.7	8.9	8.0	7.5	24	24.2	
22	8.2	10.1	10.8	9.1	7.7	5.0	6.7	10.1	10.1	6.5	5.8	6.8	5.8	7.3	7.9	6.5	5.8	5.5	4.5	5.5	5.5	8.1	9.8	7.5	24	10.8	
23	6.2	3.2	-3	.0	.3	.8	2.5	1.8	5.2	7.2	6.0	2.5	1.5	4.2	2.7	4.2	6.7	7.7	10.6	10.1	10.3	10.1	10.3	11.5	24	11.5	
24	8.6	5.0	5.5	6.4	7.0	5.7	5.0	5.5	4.2	5.5	7.0	6.9	4.7	2.9	4.2	3.9	2.7	3.0	4.7	6.0	8.4	10.5	10.3	14.8	24	14.8	
25	15.7	8.2	7.7	9.2	11.5	9.8	9.1	15.2	13.5	12.0	10.0	6.2	1.7	2.6	AX	3.9	3.7	8.6	10.3	9.5	10.1	9.1	10.5	15.5	23	15.7	
26	17.0	13.5	14.8	15.7	9.5	10.8	12.0	15.5	16.5	12.2	12.8	10.5	8.1	6.9	5.0	4.0	3.9	3.7	6.5	8.9	5.7	4.0	4.7	7.7	24	17.0	
27	8.2	4.0	6.7	6.7	1.7	-1.3	-1	1.3	1.3	2.7	3.2	5.2	3.9	3.2	3.2	2.4	4.2	6.7	8.1	9.1	7.4	5.9	17.7	13.0	24	17.7	
28	16.7	11.2	10.6	7.4	6.4	6.9	5.7	6.4	7.2	4.7	4.0	2.9	2.2	5.0	7.9	9.1	8.4	6.7	5.7	6.7	16.2	12.7	11.0	10.5	24	16.7	
29	10.1	10.1	11.3	10.1	15.2	10.6	8.9	9.1	8.2	6.7	6.7	4.4	3.0	.5	2.0	5.2	4.2	3.7	2.9	6.2	10.7	11.0	12.5	9.8	24	15.2	
30	9.6	14.5	13.2	13.5	15.0	12.8	18.2	13.3	16.4	10.6	10.8	7.9	3.2	1.0	1.0	3.4	2.7	4.7	10.8	10.5	20.4	17.2	19.0	17.7	24	20.4	
31	11.0	12.5	11.0	16.2	10.8	16.2	11.8	17.2	12.8	14.3	9.6	10.9	9.6	4.7	3.2	6.9	10.5	9.1	9.1	22.4	18.7	26.4	22.4	18.2	24	26.4	
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31		
MAX:	28.4	27.6	31.7	30.9	28.3	25.0	19.8	20.9	24.9	21.2	22.9	24.2	21.0	21.8	30.8	38.8	36.6	44.0	43.8	34.1	32.2	36.1	33.9	29.6			
AVG:	12.61	12.39	12.23	11.61	10.90	10.02	9.66	10.09	11.30	10.08	9.93	8.63	6.75	6.69	7.59	8.15	8.57	9.23	11.41	12.18	13.24	14.56	13.34	12.34			

MONTHLY OBSERVATIONS: 743 MONTHLY MEAN: 10.57 MONTHLY MAX: 44.0

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-173-0002 POC: 3
 COUNTY: (173) Swain
 CITY: (08480) Bryson City (RR name Bryson)
 SITE ADDRESS: 30 Recreation Park Drive
 SITE COMMENTS: Address before Mar 2010 was 470 CENTER STREET, +35.435509, -83.443697 (173 M move)
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 35.434767
 LONGITUDE: -83.442133
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 560
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: FEBRUARY 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	18.0	14.0	17.5	16.0	12.3	15.0	10.5	17.7	19.5	20.2	18.7	18.0	21.4	19.5	23.2	18.2	17.7	23.9	21.2	24.7	24.7	22.9	21.7	24	24.7			
2	21.9	25.2	22.4	18.5	19.2	20.4	16.5	21.4	24.0	16.6	11.0	8.6	4.7	3.7	3.9	2.0	1.3	4.2	7.2	7.9	8.6	17.7	19.4	20.0	24	25.2		
3	16.2	12.5	17.0	9.1	10.7	12.0	16.5	12.8	12.7	13.3	10.4	5.4	4.2	3.0	4.9	4.4	5.5	8.6	16.5	13.8	16.7	12.0	13.0	24	17.0			
4	14.8	15.3	15.3	16.2	12.5	11.8	9.1	8.7	9.8	8.9	9.3	11.0	10.8	9.1	8.4	10.5	12.8	15.5	17.5	13.3	18.2	15.5	15.8	15.0	24	18.2		
5	17.7	19.9	17.7	18.5	14.8	11.8	11.8	11.3	18.2	8.2	5.7	4.4	6.7	5.4	1.5	3.7	7.9	7.0	7.2	8.4	9.1	17.5	19.0	17.7	24	19.9		
6	16.0	14.0	11.3	9.6	9.9	9.1	10.8	9.4	7.5	10.3	10.8	8.7	5.7	3.0	4.4	8.3	8.3	7.7	8.8	6.2	6.2	10.3	9.1	8.2	24	16.0		
7	10.5	11.3	11.5	11.3	9.4	6.7	6.7	6.7	6.0	5.2	7.0	10.2	10.1	6.7	5.7	5.9	3.7	5.7	11.0	14.7	14.5	17.0	15.5	19.7	24	19.7		
8	20.5	16.7	18.0	14.0	31.2	11.5	11.5	14.5	15.2	20.2	AZ	7.0	7.7	6.7	6.7	15.8	18.5	14.3	12.3	10.3	14.8	10.3	11.8	14.8	23	31.2		
9	15.2	13.8	13.0	11.0	10.1	10.1	8.9	10.4	12.5	11.8	10.5	10.9	9.6	6.0	6.5	10.1	10.3	7.7	9.6	15.3	16.7	18.0	11.0	21.2	24	21.2		
10	17.2	13.3	13.3	12.7	12.0	14.3	10.3	18.0	20.7	16.3	21.2	13.0	19.5	16.5	20.7	14.0	11.8	10.3	10.1	10.8	17.2	13.0	17.5	15.3	24	21.2		
11	15.8	20.5	10.3	8.4	7.0	7.5	7.7	8.7	6.0	4.2	6.7	6.5	4.7	3.7	5.7	6.7	5.5	2.8	1.8	3.5	5.2	6.2	7.5	8.7	24	20.5		
12	9.4	9.1	5.5	3.7	5.2	6.0	6.2	6.0	5.0	5.5	5.2	3.2	2.7	2.5	.6	2.0	4.7	5.0	6.9	8.6	8.0	15.3	13.5	13.5	24	15.3		
13	18.0	10.4	17.2	12.8	16.5	17.0	15.0	13.3	13.3	12.3	9.2	7.2	4.2	4.7	5.2	.3	1.5	3.7	6.0	9.4	11.3	11.5	15.5	14.0	24	18.0		
14	10.3	7.7	7.4	7.2	10.8	13.5	10.5	17.5	10.1	10.5	15.5	16.0	15.8	11.5	15.5	18.0	7.7	9.4	22.7	17.5	22.0	24.2	18.2	18.7	24	24.2		
15	14.3	16.5	10.1	10.1	10.8	12.0	21.9	15.5	15.8	4.2	5.0	4.5	3.7	5.7	5.2	2.3	2.0	3.0	3.0	7.2	9.1	8.9	10.1	15.8	24	21.9		
16	15.0	11.3	15.1	9.4	8.2	9.1	11.1	11.5	10.8	9.3	8.6	7.9	9.3	9.4	10.4	11.3	8.8	7.0	7.5	9.1	8.4	14.3	11.8	8.9	24	15.1		
17	4.0	4.5	6.0	4.7	2.5	2.3	6.2	8.2	7.7	AX	.3	-.5	3.2	4.7	5.7	4.2	7.7	5.9	7.9	10.8	9.3	8.4	5.7	8.4	23	10.8		
18	14.2	17.0	12.8	10.5	7.2	6.2	7.5	9.2	9.6	7.2	4.7	3.7	5.7	6.4	6.4	6.9	5.7	4.9	6.7	17.3	16.7	17.7	24.4	17.2	24	24.4		
19	12.3	11.5	9.3	7.2	6.0	6.0	5.5	3.5	3.0	4.7	2.7	.8	2.3	3.7	2.8	3.5	4.0	2.5	4.2	4.2	4.0	6.2	5.7	3.7	24	12.3		
20	4.7	6.4	8.4	7.2	6.9	8.7	10.1	10.3	9.9	7.9	4.7	7.4	5.2	.3	-.1	.8	2.2	3.2	6.4	7.6	6.4	7.7	10.3	11.7	24	11.7		
21	11.5	10.5	11.7	10.8	9.6	11.8	11.3	9.6	15.0	11.8	10.8	8.2	7.5	8.4	7.9	6.1	4.9	5.2	6.7	9.1	11.5	12.8	12.8	15.0	24	15.0		
22	14.0	22.2	24.6	25.4	20.5	30.0	21.0	14.8	17.0	13.0	11.0	8.9	8.8	7.9	7.2	8.6	7.8	7.2	7.7	6.5	4.0	4.2	6.2	6.5	24	30.0		
23	7.4	5.2	5.2	7.7	5.7	4.0	3.7	3.5	-.5	1.0	6.7	9.6	10.5	8.0	7.7	8.1	7.4	7.2	9.6	12.5	11.0	7.7	7.4	8.6	24	12.5		
24	16.5	11.1	10.1	11.0	15.3	14.3	11.6	11.3	11.5	11.3	9.3	8.2	7.7	6.5	3.5	2.7	3.5	2.7	5.0	8.6	8.6	8.2	8.2	6.2	24	16.5		
25	6.7	6.9	5.7	4.9	4.4	5.4	5.7	5.2	3.7	2.3	1.8	3.5	2.6	2.5	2.0	2.0	4.5	3.0	3.9	4.9	6.9	9.1	11.0	13.8	24	13.8		
26	19.5	14.3	15.2	8.9	11.3	14.0	14.2	15.5	9.9	6.0	4.5	3.7	1.0	3.9	3.9	3.7	2.7	3.4	8.9	10.3	10.0	11.3	11.1	8.8	24	19.5		
27	7.7	10.1	13.5	13.0	11.1	8.0	6.5	7.0	9.4	15.3	12.8	14.8	14.5	6.4	5.7	3.2	2.7	5.2	8.6	8.3	7.2	AN	AN	AN	21	15.3		
28	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	3.9	6.4	10.2	8.1	7.9	14.7	7.7	8.4	8.5	9.8	10	14.7	
29	9.8	14.3	5.2	5.3	7.0	8.6	7.5	8.4	9.6	10.9	9.9	5.9	7.7	6.4	5.5	5.1	4.0	1.8	-2.0	.8	1.0	.8	3.5	3.5	24	14.3		
30																										0		
31																											0	
NO.:	28	28	28	28	28	28	28	28	28	27	27	28	28	28	29	29	29	29	29	29	29	28	28	28				
MAX:	21.9	25.2	24.6	25.4	31.2	30.0	21.9	21.4	24.0	20.2	21.2	18.0	21.4	19.5	23.2	18.2	18.5	23.9	22.7	24.7	24.7	24.7	24.4	21.7				
AVG:	13.54	13.05	12.51	10.90	11.00	10.97	10.56	11.07	11.18	9.94	8.67	7.74	7.77	6.51	6.51	6.73	6.70	6.66	8.38	10.31	10.76	12.27	12.34	12.84				

MONTHLY OBSERVATIONS: 677 MONTHLY MEAN: 9.94 MONTHLY MAX: 31.2

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-173-0002 POC: 3
 COUNTY: (173) Swain STATE: (37) North Carolina
 CITY: (08480) Bryson City (RR name Bryson) AQCR: (171) WESTERN MOUNTAIN
 SITE ADDRESS: 30 Recreation Park Drive URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 SITE COMMENTS: Address before Mar 2010 was 470 CENTER STREET, +35.435509, -83.443697 (173 M move) LAND USE: RESIDENTIAL
 MONITOR COMMENTS: LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 35.434767
 LONGITUDE: -83.442133
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 560
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MARCH 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	3.7	2.3	.1	4.2	7.7	9.3	11.8	9.6	5.0	6.2	5.7	5.4	6.2	3.4	4.2	2.2	3.4	6.7	8.1	8.4	7.4	7.4	8.1	10.8	24	11.8	
2	17.2	12.3	9.1	8.4	10.3	10.3	11.3	9.3	9.3	10.8	9.6	10.5	15.5	6.2	14.3	5.2	7.7	11.8	15.8	10.1	7.7	7.2	6.5	4.5	24	17.2	
3	4.7	3.3	2.8	6.7	8.8	6.7	5.0	6.5	8.0	8.4	6.8	3.2	4.2	4.9	1.3	2.7	3.0	1.3	3.5	4.0	4.5	7.4	7.2	4.9	24	8.8	
4	4.9	7.7	9.8	7.9	5.9	6.9	9.6	8.9	5.4	3.7	3.7	4.4	4.7	3.9	6.5	6.2	3.9	4.7	4.4	6.4	10.3	10.0	6.7	7.2	24	10.3	
5	10.5	10.1	8.2	7.4	7.7	6.7	AV	7.4	7.2	6.4	4.4	4.4	4.7	3.2	2.8	3.3	4.0	6.2	5.0	3.7	6.9	9.3	9.8	9.9	23	10.5	
6	14.8	13.8	14.5	9.6	15.2	15.2	9.9	15.0	11.3	9.2	8.3	4.7	2.5	3.0	1.5	.3	3.0	6.2	8.4	7.6	8.3	15.5	19.4	8.4	24	19.4	
7	10.5	15.5	12.0	14.5	13.8	11.5	10.5	12.7	12.5	12.3	17.3	16.7	8.8	4.4	2.0	5.7	7.9	8.1	7.2	9.1	12.3	14.6	11.3	10.6	24	17.3	
8	11.0	11.3	10.5	11.5	11.8	8.9	9.1	9.4	7.9	5.7	5.9	9.5	11.0	10.0	6.7	6.9	8.4	8.6	11.1	12.8	10.1	8.4	8.6	7.2	24	12.8	
9	4.0	1.8	1.1	1.8	1.1	-1.1	1.8	3.5	4.2	5.7	2.6	1.8	3.9	3.4	3.9	5.9	6.7	5.7	7.2	15.0	17.0	16.7	10.5	9.1	24	17.0	
10	10.0	9.6	8.9	11.3	11.5	10.8	9.4	8.7	9.7	9.4	5.5	4.2	5.2	5.2	4.9	4.4	1.8	3.2	9.8	10.8	11.5	17.2	22.9	16.2	24	22.9	
11	12.0	11.8	11.3	12.5	13.3	10.8	11.0	11.0	8.2	7.0	6.4	3.9	4.0	6.4	5.9	6.2	5.7	7.2	10.3	11.8	13.3	12.0	10.6	9.9	24	13.3	
12	9.2	15.1	10.6	10.6	8.7	6.6	9.6	11.9	5.7	3.3	5.7	6.0	3.5	7.2	11.5	9.1	4.0	4.7	9.8	8.2	9.4	11.1	11.8	11.0	24	15.1	
13	14.5	10.8	11.5	9.1	5.5	3.3	1.8	2.5	2.3	3.0	3.0	2.7	4.4	7.4	7.9	8.3	7.2	6.4	10.0	12.3	15.0	16.2	7.9	7.8	24	16.2	
14	6.1	6.3	6.8	5.6	6.8	7.3	7.6	6.1	2.1	5.3	7.2	8.1	8.8	5.4	5.2	7.2	6.2	4.7	6.7	9.2	12.5	11.5	11.6	13.3	24	13.3	
15	12.5	10.6	15.0	14.3	7.5	7.9	8.6	6.5	AX	AX	6.4	9.3	7.7	5.5	6.5	6.5	5.7	6.4	6.0	6.0	6.4	5.2	6.2	2.7	22	15.0	
16	-1.5	2.3	4.0	2.5	1.3	1.3	3.7	2.1	-2.3	-.1	4.7	3.9	4.4	5.9	5.4	7.4	6.9	8.8	6.5	.8	1.1	2.3	6.0	5.5	24	8.8	
17	2.1	4.0	5.3	2.8	2.3	3.0	2.2	1.3	2.5	4.4	5.4	4.9	4.2	5.7	3.9	2.5	7.2	6.4	3.4	5.4	4.5	3.7	4.7	4.7	24	7.2	
18	4.0	5.3	6.0	5.0	4.3	4.3	4.7	4.3	3.6	3.0	3.2	1.8	2.5	9.3	11.0	9.3	7.9	9.1	11.7	10.8	10.3	9.9	8.9	10.1	24	11.7	
19	10.1	8.7	9.1	6.0	3.6	5.1	5.3	4.5	16.5	7.5	15.0	16.0	13.3	14.8	9.6	9.1	9.6	9.1	9.3	24.4	17.3	15.3	16.0	15.8	24	24.4	
20	10.1	9.2	14.6	9.8	9.3	11.0	12.8	10.6	8.9	10.5	12.7	15.7	16.5	21.4	14.5	11.5	10.5	10.0	9.6	9.3	10.2	9.6	8.9	10.3	24	21.4	
21	15.6	9.9	15.8	13.3	10.8	8.9	9.6	9.4	9.4	16.7	12.2	15.5	14.7	11.7	11.5	10.7	8.8	6.9	8.6	8.2	9.3	7.8	.8	3.8	24	16.7	
22	7.0	5.5	5.5	4.5	2.6	5.5	9.1	8.2	7.7	7.1	6.9	8.4	7.9	5.7	5.9	7.7	7.2	4.4	4.2	4.9	5.4	7.0	6.2	4.0	24	9.1	
23	4.4	6.7	4.7	3.2	3.3	4.2	3.2	4.2	10.9	9.1	2.9	2.0	3.4	5.2	3.9	2.0	-.5	2.5	9.4	8.4	2.8	-.2	1.1	2.0	24	10.9	
24	.9	.2	-.2	-.7	.7	1.4	.2	-.4	4.0	8.9	5.5	1.8	4.5	3.5	.9	3.0	2.8	2.3	5.0	5.0	6.3	3.5	1.1	2.3	24	8.9	
25	1.9	1.9	.0	-.4	1.7	3.3	2.1	1.9	4.0	3.5	4.0	5.8	4.7	6.0	8.5	9.4	7.7	7.7	8.5	8.7	10.9	9.2	9.5	10.0	24	10.9	
26	8.0	7.5	6.0	6.0	7.3	5.8	5.6	8.5	11.1	10.1	6.2	5.2	5.5	5.2	5.4	7.2	6.5	4.9	6.5	8.9	14.8	10.9	9.9	8.8	24	14.8	
27	7.6	9.3	8.6	6.1	7.1	8.1	7.3	4.6	6.0	8.9	9.4	8.7	9.6	17.5	15.5	13.5	16.2	9.6	11.6	13.6	14.3	7.3	6.5	7.5	24	17.5	
28	10.7	11.0	10.7	7.9	5.9	5.6	7.8	8.3	BA	8.7	11.5	11.0	12.8	12.3	15.3	13.8	19.5	15.8	20.7	23.7	20.5	16.3	18.3	23.0	23	23.7	
29	12.3	18.2	10.1	16.8	20.2	12.8	19.0	15.3	12.4	15.7	21.4	16.4	16.2	14.5	16.9	15.7	18.0	14.8	14.0	13.8	22.1	9.6	15.3	13.8	24	22.1	
30	16.0	16.0	18.7	21.5	18.6	13.1	12.8	14.8	12.0	18.9	18.7	9.5	11.0	11.0	9.5	10.8	11.5	11.7	10.8	10.5	12.3	12.3	14.3	8.0	24	21.5	
31	7.5	7.3	7.5	8.5	8.7	9.1	7.7	7.0	7.5	2.7	2.5	7.2	6.9	5.9	8.1	7.4	6.4	7.4	6.8	6.2	8.9	7.7	6.5	9.4	24	9.4	
NO.:	31	31	31	31	31	31	30	31	29	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	17.2	18.2	18.7	21.5	20.2	15.2	19.0	15.3	16.5	18.9	21.4	16.7	16.5	21.4	16.9	15.7	19.5	15.8	20.7	24.4	22.1	17.2	22.9	23.0			
AVG:	8.46	8.56	8.34	8.01	7.85	7.21	7.67	7.54	7.34	7.73	7.76	7.37	7.52	7.58	7.45	7.13	7.25	7.20	8.71	9.61	10.44	9.74	9.45	8.79			

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 8.12 MONTHLY MAX: 24.4

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
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MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS

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

REPORT FOR: APRIL 2012

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (LC)

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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	9.9	16.8	15.3	10.4	14.6	4.0	6.3	8.7	8.5	9.7	9.1	7.7	6.2	6.4	9.3	9.8	8.4	7.4	7.9	11.2	15.9	32.1	19.9	29.8	24	32.1	
2	21.1	11.1	9.6	8.0	9.4	8.2	7.1	14.2	19.4	7.6	20.6	13.7	13.2	13.2	12.2	10.5	9.1	15.4	10.2	11.4	19.4	19.7	18.7	22.1	24	22.1	
3	17.9	18.2	17.6	12.0	11.3	11.0	10.3	7.9	18.7	14.2	15.2	11.7	14.2	14.0	11.7	10.8	8.2	4.2	5.4	9.5	11.2	9.8	8.7	4.8	24	18.7	
4	4.0	4.7	6.4	7.7	7.1	4.3	4.7	6.0	4.4	7.2	6.7	4.4	4.4	6.9	6.7	5.4	7.9	9.6	9.1	8.2	8.9	9.5	6.6	5.6	24	9.6	
5	7.6	8.4	7.4	6.7	7.5	8.7	7.2	5.2	4.9	6.2	7.4	4.4	4.2	3.7	4.2	8.6	6.9	5.2	5.9	6.4	4.4	4.2	5.7	4.5	24	8.7	
6	2.5	.9	1.8	2.0	1.3	4.2	5.2	5.0	5.2	3.5	3.4	5.1	5.4	3.6	3.1	4.6	7.1	6.6	5.6	17.2	18.2	12.5	19.0	11.0	24	19.0	
7	17.0	16.0	12.2	12.5	10.7	8.9	9.1	9.9	8.4	5.5	4.9	4.4	3.1	3.6	4.6	3.9	4.1	3.1	5.9	11.2	31.5	19.5	14.2	16.5	24	31.5	
8	16.0	19.5	21.0	17.5	19.2	11.3	10.8	8.2	4.5	4.1	4.4	4.6	6.1	5.9	5.1	6.6	14.9	11.7	9.0	7.6	8.8	19.7	12.3	12.5	24	21.0	
9	10.8	10.1	10.1	9.2	10.5	10.0	8.2	5.0	3.5	5.2	4.9	5.9	9.0	10.7	9.5	9.5	11.4	11.2	9.3	9.5	10.8	10.0	8.9	7.7	24	11.4	
10	5.0	3.8	6.0	8.4	8.4	7.4	9.2	10.3	AX	AX	8.7	7.7	6.4	6.6	6.9	6.1	4.6	6.5	8.9	7.2	7.2	9.3	9.1	4.9	22	10.3	
11	7.5	11.0	8.4	8.2	8.7	7.2	AZ	AZ	-.3	-1.0	3.4	4.5	5.1	6.1	5.6	4.6	3.4	5.2	8.4	6.9	7.7	7.9	5.5	6.4	22	11.0	
12	8.2	8.9	10.5	9.8	7.5	8.9	11.3	15.0	11.1	11.0	6.0	3.1	3.0	2.6	2.3	.4	2.1	4.7	6.6	9.8	8.9	8.2	11.5	10.5	24	15.0	
13	8.7	9.8	10.3	7.0	7.7	10.8	10.3	9.6	11.1	9.8	5.5	5.2	4.7	1.8	1.3	2.5	3.0	4.5	6.9	8.2	17.7	20.7	17.2	10.3	24	20.7	
14	15.3	14.3	12.8	12.3	15.0	10.6	11.5	12.3	14.3	9.1	9.3	9.8	9.3	7.7	9.8	11.5	15.1	6.3	9.1	12.7	32.7	33.1	19.1	21.9	24	33.1	
15	19.0	22.2	17.5	19.0	20.2	22.7	15.3	12.2	14.5	10.1	10.3	9.6	9.3	9.8	8.4	7.7	8.9	11.3	15.0	9.0	10.5	9.0	15.4	19.7	24	22.7	
16	14.0	9.3	7.4	10.9	9.3	6.5	7.7	15.0	9.3	7.7	7.0	6.7	6.2	5.7	3.9	4.4	6.9	8.8	10.7	10.2	16.4	12.2	10.3	6.4	24	16.4	
17	5.2	5.1	5.5	8.0	6.5	5.7	4.2	2.3	6.4	AM	29.3	4.0	3.8	3.2	5.4	5.9	2.5	1.5	5.1	8.9	6.2	5.5	5.6	3.7	23	29.3	
18	2.8	2.0	1.8	2.3	1.3	-1.0	.3	1.1	.8	-2.3	-3.2	-.6	.5	.3	.3	4.7	3.7	.8	.8	1.5	4.9	3.9	1.8	-1.7	24	4.9	
19	-1.0	2.0	2.7	1.3	-.3	1.8	.1	-.8	2.2	3.4	1.7	1.2	1.9	.2	1.2	1.3	.7	2.5	2.7	5.7	6.9	5.4	3.2	5.2	24	6.9	
20	9.3	7.2	5.0	4.0	3.2	3.7	4.2	4.4	6.9	7.2	3.7	5.2	7.9	5.6	3.4	4.5	5.4	6.9	8.2	6.9	6.2	5.2	6.0	5.5	24	9.3	
21	4.0	4.5	3.0	2.3	5.5	8.0	8.7	8.0	4.5	7.2	8.1	9.1	10.3	9.0	8.3	8.3	10.0	9.0	9.1	6.7	5.7	7.9	7.2	2.3	24	10.3	
22	-.1	.8	3.0	2.0	-.1	.9	-1.3	-2.4	-1.1	-.6	-1.6	.7	1.3	.5	6.7	7.5	5.7	9.4	9.9	7.1	7.0	10.9	12.9	11.6	24	12.9	
23	10.9	10.9	9.0	8.1	14.9	10.2	8.3	6.3	6.8	14.3	6.5	7.0	5.8	4.7	3.5	2.3	3.5	3.7	7.0	9.0	8.5	6.8	7.3	10.0	24	14.9	
24	10.2	11.7	9.7	8.1	10.2	10.9	9.1	7.5	6.3	3.8	4.0	3.0	2.5	4.7	4.0	4.5	7.2	10.1	11.8	13.0	10.1	8.2	10.3	10.1	24	13.0	
25	9.0	9.4	9.6	6.8	7.3	9.2	7.3	8.0	8.0	5.2	5.7	8.6	10.8	8.6	6.4	8.6	9.1	7.4	5.9	5.7	6.7	8.4	7.2	4.5	24	10.8	
26	3.3	5.0	6.5	2.8	2.5	5.0	5.5	7.2	1.8	.3	1.2	.0	1.3	2.5	3.5	1.1	3.5	4.9	6.4	9.1	8.4	8.0	8.6	10.3	24	10.3	
27	9.1	4.0	1.6	3.0	5.0	7.0	7.0	5.5	8.4	14.3	12.3	13.0	15.0	8.0	10.3	11.0	9.3	14.5	15.7	9.8	19.0	15.7	18.0	13.3	24	19.0	
28	16.1	22.7	10.5	11.3	14.5	9.7	8.4	9.1	11.7	10.1	10.3	11.0	10.3	11.0	9.1	6.0	5.2	8.2	10.3	11.7	20.7	15.8	12.3	18.5	24	22.7	
29	17.3	14.3	16.8	16.3	11.4	11.1	10.1	9.1	10.1	11.5	10.5	10.5	10.5	9.1	7.2	5.2	4.5	5.2	6.7	5.4	7.2	9.3	8.1	9.6	24	17.3	
30	9.3	9.1	10.3	9.0	7.4	7.2	8.2	8.4	7.2	8.9	16.0	9.5	8.9	6.9	5.7	6.2	7.9	9.8	9.6	8.9	10.5	10.5	10.2	10.8	24	16.0	
31																										0	
NO.:	30	30	30	30	30	30	29	29	29	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	21.1	22.7	21.0	19.0	20.2	22.7	15.3	15.0	19.4	14.3	29.3	13.7	15.0	14.0	12.2	11.5	15.1	15.4	15.7	17.2	32.7	33.1	19.9	29.8			
AVG:	9.66	9.79	8.98	8.23	8.59	7.80	7.39	7.52	7.50	6.90	7.71	6.36	6.69	6.09	5.99	6.13	6.67	7.19	8.10	8.85	11.94	11.96	10.69	10.28			

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 8.22 MONTHLY MAX: 33.1

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 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

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SITE ID: 37-173-0002 POC: 3
 COUNTY: (173) Swain
 CITY: (08480) Bryson City (RR name Bryson)
 SITE ADDRESS: 30 Recreation Park Drive
 SITE COMMENTS: Address before Mar 2010 was 470 CENTER STREET, +35.435509, -83.443697 (173 M move)
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 35.434767
 LONGITUDE: -83.442133
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 560
 PROBE HEIGHT: 5

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

MONITOR TYPE: SLAMS

REPORT FOR: MAY 2012

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS

UNITS: Micrograms/cubic meter (LC)

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

MIN DETECTABLE: 5

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	9.1	6.5	7.5	9.3	9.1	6.5	6.2	8.9	11.0	14.3	10.5	11.0	12.0	12.8	15.5	11.7	17.0	15.7	7.7	14.2	11.5	11.0	9.8	9.3	24	17.0	
2	14.2	9.8	11.7	11.8	11.0	9.8	10.1	10.5	15.5	15.7	19.5	9.3	8.7	6.7	5.4	5.5	6.0	6.5	7.5	8.6	8.1	6.4	7.4	15.7	24	19.5	
3	15.5	18.7	12.3	12.8	12.5	12.5	13.3	13.2	11.8	AX	8.0	6.2	8.0	6.4	5.7	5.7	4.7	6.2	7.2	6.9	7.9	10.7	10.7	8.9	23	18.7	
4	10.0	9.1	7.2	7.6	8.2	7.4	7.2	4.7	2.7	5.4	5.7	2.3	1.5	1.8	2.5	3.2	3.5	5.2	3.0	4.6	7.7	6.4	5.1	5.5	24	10.0	
5	5.0	4.5	5.0	4.5	5.5	4.7	3.4	4.2	3.6	2.2	-4	-2.7	-1.3	.3	1.7	4.0	2.5	.6	1.8	1.5	4.2	7.9	9.3	9.3	24	9.3	
6	8.9	8.5	6.2	5.0	2.6	-.5	-.1	4.9	5.9	3.0	2.2	2.2	-.8	-3.2	-1.3	2.2	4.9	5.1	8.1	8.6	5.1	2.7	4.6	6.4	24	8.9	
7	2.7	2.5	4.2	3.5	3.5	-.1	-1.1	2.5	3.2	5.0	6.2	7.0	4.9	4.5	7.4	4.2	.0	.1	1.2	1.5	1.5	6.1	10.7	8.6	24	10.7	
8	3.7	3.7	4.7	4.7	4.9	4.9	5.9	4.9	1.7	-.1	4.2	8.2	7.7	7.2	6.5	4.4	5.7	7.5	6.7	3.4	2.0	2.9	2.5	5.0	24	8.2	
9	5.7	3.5	4.2	3.5	4.2	6.0	5.7	5.7	5.7	5.9	6.2	7.2	7.7	8.6	12.0	11.8	6.6	5.2	10.0	13.9	10.1	5.2	7.3	9.2	24	13.9	
10	7.5	6.0	6.0	6.5	5.8	5.5	4.0	2.3	7.2	7.4	3.9	3.2	1.7	2.4	4.2	7.5	6.4	4.4	7.4	10.5	14.3	9.2	8.5	8.3	24	14.3	
11	8.3	7.1	3.9	1.9	2.9	5.3	6.8	2.8	5.0	7.7	6.2	6.7	7.2	7.0	3.7	4.7	5.5	7.2	10.7	14.8	10.9	10.8	10.6	9.1	24	14.8	
12	7.3	9.9	10.1	8.5	9.0	7.5	7.8	9.4	8.7	5.7	7.0	8.2	8.8	12.0	11.7	11.7	9.1	10.5	12.3	12.3	15.8	11.3	11.8	24	15.8		
13	10.8	10.5	11.3	9.1	7.2	9.5	14.7	6.7	8.8	8.1	4.7	3.7	2.9	3.2	1.3	2.2	5.2	3.9	.8	-1.1	-1.8	-2.1	-.3	-2.3	24	14.7	
14	-3.0	1.0	.1	.0	3.8	1.3	-1.3	-.6	.1	2.9	4.4	2.0	-.8	1.8	5.2	3.9	2.7	2.9	2.5	3.9	3.9	3.9	5.4	4.9	24	5.4	
15	6.4	3.4	.3	-.8	-3.2	-3.2	-.3	-.6	.0	4.9	5.4	1.8	.1	3.3	3.3	.5	.0	-1.8	-3.0	-2.7	.1	.0	-.6	2.8	24	6.4	
16	.6	-2.0	-.3	1.5	2.8	2.8	2.7	2.0	2.0	1.0	-.1	-1.6	-1.2	2.3	2.5	3.5	4.5	5.0	5.7	6.9	15.2	6.4	15.0	10.1	24	15.2	
17	11.0	10.1	9.4	11.1	9.9	6.5	5.8	6.7	8.0	9.6	10.6	AZ	11.1	12.3	11.8	9.1	15.0	9.8	11.7	14.7	15.0	12.2	10.8	14.5	23	15.0	
18	11.8	8.8	9.8	11.6	9.9	10.8	9.1	8.9	9.1	9.1	9.6	10.3	10.5	6.4	2.7	4.7	8.9	8.6	7.9	18.9	14.5	8.0	10.8	13.3	24	18.9	
19	11.8	11.3	10.1	7.5	8.2	7.5	6.7	9.6	11.5	12.7	12.3	11.5	12.0	16.5	6.7	10.0	12.5	11.5	10.5	11.2	13.0	20.9	24.2	19.2	24	24.2	
20	20.5	19.0	16.0	10.6	9.6	16.5	10.5	9.8	16.7	8.5	8.9	10.3	12.5	10.8	6.5	6.7	9.1	8.7	6.7	7.7	6.7	8.0	11.3	9.4	24	20.5	
21	8.2	8.0	7.2	6.3	7.7	7.2	4.8	6.2	8.4	8.2	6.2	8.0	15.8	11.5	10.6	9.5	8.4	10.3	12.2	7.7	7.7	8.4	5.7	6.4	24	15.8	
22	8.5	5.0	6.2	10.0	6.7	6.0	4.7	6.2	9.3	7.4	6.9	7.6	4.9	3.9	5.9	3.6	2.2	4.2	5.7	5.4	2.7	2.0	1.0	-.4	24	10.0	
23	1.2	-1.1	-2.8	-.4	.7	.7	.7	-2.6	-1.8	2.4	3.6	5.5	3.7	1.5	1.5	1.0	2.0	1.5	-.1	3.9	5.7	4.9	6.6	6.9	24	6.9	
24	3.7	3.2	5.0	3.2	4.2	4.4	2.0	1.2	1.7	1.7	4.2	10.0	10.0	10.0	9.8	9.8	11.8	11.3	14.0	9.5	11.2	12.5	12.2	15.5	24	15.5	
25	11.3	14.7	11.0	9.3	9.1	10.4	9.8	11.2	16.2	16.2	16.7	16.5	15.2	9.3	9.4	9.5	10.5	9.1	5.7	17.9	21.9	19.2	21.6	17.7	24	21.9	
26	9.7	23.4	18.2	17.2	21.7	14.8	14.8	10.5	12.0	12.5	14.8	12.5	13.0	14.5	15.2	14.5	10.8	14.5	15.2	14.0	30.2	35.3	19.4	28.1	24	35.3	
27	18.7	20.9	15.0	16.3	14.5	17.2	11.5	12.5	12.2	14.5	15.7	15.2	15.5	12.5	11.8	11.3	10.8	7.2	4.7	5.2	16.0	9.5	10.0	10.0	24	20.9	
28	8.6	5.4	4.9	5.2	5.4	7.7	5.7	2.0	2.4	1.5	2.0	2.0	1.0	1.8	2.0	-.3	-.6	2.7	5.2	5.7	4.4	6.4	5.2	1.7	24	8.6	
29	3.4	5.4	3.4	.5	1.2	3.1	2.2	4.6	6.9	4.4	2.5	4.4	6.2	4.5	5.7	3.9	1.0	-.1	-.3	.6	1.3	2.5	-1.3	-3.0	24	6.9	
30	-.1	2.2	.5	-.1	2.7	.8	.0	2.0	2.7	3.9	4.2	5.7	7.0	3.7	3.0	3.5	3.0	6.0	8.2	7.4	7.7	10.7	11.0	7.0	24	11.0	
31	5.8	7.0	5.2	5.0	7.2	6.2	4.5	6.9	AX	6.4	7.2	9.1	6.9	6.4	7.4	7.1	9.1	9.5	8.8	12.0	15.4	15.0	17.7	12.5	23	17.7	
NO.:	31	31	31	31	31	31	31	31	30	30	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	20.5	23.4	18.2	17.2	21.7	17.2	14.8	13.2	16.7	16.2	19.5	16.5	15.8	16.5	15.5	14.5	17.0	15.7	15.2	18.9	30.2	35.3	24.2	28.1			
AVG:	7.96	7.94	6.89	6.54	6.73	6.44	5.74	5.72	6.94	6.94	7.06	6.78	6.85	6.54	6.37	6.15	6.50	6.37	6.58	8.05	9.24	8.99	9.15	9.08			

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: 7.15 MONTHLY MAX: 35.3

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-173-0002 POC: 3
 COUNTY: (173) Swain
 CITY: (08480) Bryson City (RR name Bryson)
 SITE ADDRESS: 30 Recreation Park Drive
 SITE COMMENTS: Address before Mar 2010 was 470 CENTER STREET, +35.435509, -83.443697 (173 M move)
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 35.434767
 LONGITUDE: -83.442133
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 560
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/V5
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	10.3	8.9	5.9	6.2	5.7	3.7	5.9	7.1	8.9	9.1	8.6	9.4	8.9	4.9	2.4	5.4	8.6	7.2	5.9	7.7	10.3	11.1	11.6	15.8	24	15.8	
2	6.0	6.5	6.7	6.5	5.5	4.7	4.5	3.4	5.7	7.7	5.4	4.9	6.4	6.9	6.7	6.7	7.9	7.6	6.9	9.5	20.4	17.3	10.4	10.3	24	20.4	
3	10.3	11.3	13.0	12.3	9.4	10.8	12.0	7.9	7.9	7.6	6.7	8.6	7.4	5.9	6.9	8.1	8.8	10.0	10.7	14.2	11.9	12.0	17.4	8.9	24	17.4	
4	9.0	9.0	10.2	7.6	6.9	9.8	11.0	13.5	11.2	17.2	15.4	14.9	13.5	11.9	10.7	9.5	7.9	10.7	10.5	14.9	10.0	17.6	9.7	9.8	24	17.6	
5	9.1	8.8	10.0	7.9	6.1	6.9	4.6	3.6	3.4	4.9	9.8	10.2	9.5	7.6	5.4	4.4	3.7	4.4	6.1	6.9	17.7	15.9	14.5	9.8	24	17.7	
6	9.0	9.5	8.2	5.4	5.4	4.2	4.4	6.1	6.4	7.4	9.7	10.5	9.3	7.1	6.4	7.6	8.4	9.3	10.0	10.5	16.4	7.9	6.9	5.1	24	16.4	
7	6.6	9.5	9.0	7.4	8.1	6.9	4.1	3.9	5.9	8.4	10.7	9.5	15.4	6.9	5.9	5.7	9.3	10.2	7.9	14.9	17.7	14.4	14.2	6.4	24	17.7	
8	7.6	9.5	11.5	10.8	7.7	7.5	5.5	6.9	10.5	11.0	12.2	11.5	9.3	8.6	5.6	6.1	9.1	6.9	7.9	11.2	11.7	26.8	14.0	16.7	24	26.8	
9	13.5	12.2	11.0	10.2	10.5	12.2	12.2	11.7	11.2	8.8	8.8	14.5	14.9	11.7	12.2	11.2	11.4	11.2	14.7	9.3	11.0	25.3	14.5	16.7	24	25.3	
10	14.0	13.5	13.2	15.9	15.9	12.0	14.2	11.7	11.5	10.7	8.6	8.3	6.6	4.1	4.4	2.9	1.2	2.9	5.9	4.2	2.2	2.4	3.4	2.2	24	15.9	
11	3.2	4.7	2.2	1.5	2.9	3.7	1.2	2.4	2.4	.7	1.7	1.2	2.4	3.2	2.9	2.9	3.9	4.9	5.7	4.9	3.4	3.2	1.5	.7	24	5.7	
12	.5	.0	1.0	1.7	1.0	-.1	-.1	4.1	5.6	4.9	8.1	8.1	4.9	4.2	16.5	5.9	7.6	7.1	7.1	17.1	12.4	14.9	12.9	12.4	24	17.1	
13	12.7	11.0	9.3	10.7	11.2	8.1	6.4	6.4	7.6	11.7	13.7	13.4	11.7	10.2	10.2	11.7	14.7	11.7	10.2	10.0	8.4	8.8	13.0	13.7	24	14.7	
14	11.2	7.6	7.9	8.4	9.8	12.4	12.7	11.7	10.7	14.2	11.2	12.2	14.9	14.0	13.5	13.2	13.7	15.2	17.2	11.7	11.0	10.7	11.0	11.0	24	17.2	
15	10.0	7.7	8.1	11.7	11.2	11.4	12.2	9.8	10.5	9.6	8.2	8.4	7.9	7.4	7.2	9.8	11.0	9.6	11.0	13.2	13.5	10.8	7.9	8.9	24	13.5	
16	5.9	4.7	8.9	9.3	8.6	7.2	7.1	8.1	10.7	11.2	10.5	8.4	8.4	10.2	8.1	7.9	8.1	7.4	7.9	8.4	10.5	15.0	11.5	9.3	24	15.0	
17	9.1	9.6	8.2	9.1	9.1	7.2	6.6	6.9	10.7	12.9	10.0	5.7	5.7	9.1	11.0	11.2	9.1	14.5	10.5	11.0	10.5	8.9	10.5	10.2	24	14.5	
18	8.9	9.6	9.1	9.3	10.5	10.0	7.9	6.4	8.6	9.6	15.5	13.2	12.7	11.4	12.2	14.7	13.7	11.7	11.2	19.9	14.7	14.5	16.9	22.1	24	22.1	
19	15.7	12.2	12.2	15.7	11.0	9.6	9.5	12.2	14.7	13.2	14.5	12.5	15.2	12.0	12.4	14.4	14.5	10.0	14.7	17.6	20.4	16.7	16.9	15.2	24	20.4	
20	12.9	12.0	12.0	10.5	9.1	10.5	12.2	13.7	12.7	10.9	9.3	8.8	11.0	10.7	9.6	10.2	10.5	11.2	10.7	11.2	20.4	27.1	23.9	15.0	24	27.1	
21	20.4	16.9	13.5	13.5	16.7	12.0	10.3	16.0	11.2	12.0	12.5	12.7	12.7	10.5	9.1	10.2	12.5	13.5	13.0	12.5	12.7	11.7	14.5	13.2	24	20.4	
22	20.4	10.1	9.6	6.9	5.9	8.3	8.8	8.1	9.8	12.4	13.4	14.2	10.2	8.6	6.6	8.8	18.4	11.0	10.3	9.6	10.2	10.5	10.7	11.7	24	20.4	
23	10.9	9.6	7.4	6.9	7.6	5.7	6.6	8.1	8.1	11.4	16.2	6.6	14.4	12.7	14.4	10.0	9.8	10.3	12.4	13.2	17.4	22.1	15.2	15.4	24	22.1	
24	15.2	16.9	13.2	13.2	14.2	14.7	8.1	10.5	15.4	11.7	14.9	10.5	9.8	11.0	11.9	11.7	14.7	13.7	13.2	16.2	17.2	17.2	11.9	15.2	24	17.2	
25	13.2	13.2	11.0	10.5	14.9	10.0	9.8	9.6	11.0	35.0	16.9	16.7	10.7	12.2	13.7	11.2	8.8	17.4	14.9	15.4	26.6	30.5	38.3	34.8	24	38.3	
26	29.0	28.5	25.8	25.8	24.6	26.3	20.4	19.2	17.9	15.5	15.7	8.6	9.1	7.4	3.4	4.2	7.2	7.2	6.4	9.8	11.2	11.5	9.8	7.9	24	29.0	
27	9.2	8.7	8.5	7.7	7.0	6.5	4.7	3.5	4.4	7.2	9.4	6.9	5.4	6.2	8.2	9.8	7.9	5.9	5.9	8.6	11.2	10.3	10.7	11.0	24	11.2	
28	8.9	10.0	9.6	7.5	4.5	4.3	4.4	2.9	AX	AX	7.2	8.9	5.2	8.4	8.2	2.5	6.4	11.7	14.2	12.5	18.9	25.8	26.3	27.8	22	27.8	
29	25.3	24.6	15.4	12.5	12.5	11.0	10.7	15.0	11.7	12.2	13.2	13.2	12.0	11.5	14.4	10.3	11.7	12.2	15.4	15.7	20.4	26.1	27.8	20.4	24	27.8	
30	19.9	13.7	14.0	12.5	12.0	14.5	12.5	13.2	17.4	17.9	16.7	20.2	18.2	16.7	18.2	14.2	19.2	17.4	24.1	21.4	22.1	24.3	24.8	31.7	24	31.7	
31																										0	
NO.:	30	30	30	30	30	30	30	30	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	29.0	28.5	25.8	25.8	24.6	26.3	20.4	19.2	17.9	35.0	16.9	20.2	18.2	16.7	18.2	14.7	19.2	17.4	24.1	21.4	26.6	30.5	38.3	34.8			
AVG:	11.93	11.00	10.19	9.84	9.52	9.07	8.35	8.79	9.78	11.28	11.16	10.42	10.12	9.11	9.28	8.75	9.99	10.13	10.75	12.11	14.08	15.71	14.42	13.64			

MONTHLY OBSERVATIONS: 718 MONTHLY MEAN: 10.81 MONTHLY MAX: 38.3

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-173-0002 POC: 3
 COUNTY: (173) Swain STATE: (37) North Carolina
 CITY: (08480) Bryson City (RR name Bryson) AQCR: (171) WESTERN MOUNTAIN
 SITE ADDRESS: 30 Recreation Park Drive URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 SITE COMMENTS: Address before Mar 2010 was 470 CENTER STREET, +35.435509, -83.443697 (173 M move) LAND USE: RESIDENTIAL
 MONITOR COMMENTS: LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 35.434767
 LONGITUDE: -83.442133
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 560
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	27.1	26.8	18.4	15.7	15.5	19.4	17.2	19.2	13.0	24.4	18.4	22.6	22.4	22.1	20.4	21.8	19.7	20.9	19.4	27.1	23.9	20.9	19.7	AV	23	27.1	
2	AV	9.4	8.4	AV	AV	2.7	6.2	9.4	14.9	6.7	7.7	10.2	11.9	10.0	7.2	8.9	12.0	14.9	16.9	22.9	19.7	16.4	19.9	17.4	21	22.9	
3	14.5	13.7	15.2	16.9	12.2	16.2	15.0	15.9	15.7	16.9	14.0	13.5	17.7	16.9	11.7	11.2	15.7	11.7	11.2	12.0	8.8	7.1	8.9	6.6	24	17.7	
4	7.1	7.9	7.1	7.2	5.4	6.4	7.1	8.2	10.0	9.1	9.8	14.7	13.0	14.9	24.1	12.7	10.5	17.9	18.9	24.1	23.1	23.6	22.9	19.7	24	24.1	
5	14.4	15.7	8.6	9.3	16.9	8.1	10.0	10.2	22.6	16.2	15.9	18.9	13.0	19.4	17.1	23.6	15.2	AV	8.6	5.9	4.1	6.9	7.9	6.1	23	23.6	
6	6.4	6.4	4.1	7.1	10.5	9.3	6.4	6.6	7.6	7.9	5.9	6.6	11.9	17.9	16.4	15.7	13.2	17.6	13.2	17.2	19.2	25.3	16.2	16.2	24	25.3	
7	18.1	14.7	14.0	12.9	10.3	10.5	10.7	9.8	18.6	14.2	13.7	15.4	13.5	11.2	9.1	11.4	17.4	15.9	13.2	20.6	19.4	33.4	25.8	23.4	24	33.4	
8	16.1	13.9	12.2	17.6	12.7	11.2	14.7	14.7	17.1	14.9	15.4	22.1	18.4	17.1	12.4	11.2	8.1	6.9	7.9	9.1	17.6	20.6	18.4	9.6	24	22.1	
9	10.3	11.2	10.7	9.8	11.2	11.4	9.8	11.2	10.3	16.4	11.2	9.5	10.5	16.1	13.2	12.4	9.3	5.9	7.9	11.7	11.9	11.4	12.2	9.6	24	16.4	
10	10.0	10.5	7.6	7.9	8.8	9.5	6.1	5.1	5.1	3.6	6.1	5.6	5.1	6.6	6.9	7.4	5.9	4.2	4.4	5.6	3.6	4.4	8.1	4.1	24	10.5	
11	.5	-1.5	-.6	1.5	1.7	1.2	-.6	-.3	1.2	2.2	2.4	4.6	4.9	2.2	1.7	2.2	1.5	1.7	1.7	1.5	5.4	7.1	4.4	2.9	24	7.1	
12	3.7	2.7	1.0	.8	.7	-.4	-5.7	-5.7	3.2	AV	AV	2.9	1.7	.3	.3	2.4	4.2	2.9	3.7	3.2	4.2	8.6	7.1	4.2	22	8.6	
13	3.2	6.2	10.2	7.4	4.4	4.4	4.2	2.9	1.7	1.0	.8	1.0	1.5	2.5	1.7	1.0	3.2	4.9	5.6	7.1	6.9	3.9	1.7	2.7	24	10.2	
14	4.1	4.4	3.9	4.4	2.2	1.0	2.7	3.2	5.1	2.2	-1.1	1.2	.7	1.2	4.1	3.9	-.1	.7	4.1	5.4	6.9	4.7	3.4	2.2	24	6.9	
15	4.4	5.4	4.6	5.9	4.9	3.6	4.4	5.1	5.6	7.6	7.9	6.1	5.6	5.1	AV	AV	-1.8	1.5	5.4	4.6	4.4	8.6	10.8	7.9	22	10.8	
16	5.1	2.4	2.4	3.1	4.9	5.1	3.7	2.7	3.2	5.4	7.9	5.1	3.9	5.4	1.7	2.4	6.4	8.6	8.1	7.9	10.8	11.2	11.0	10.1	24	11.2	
17	8.9	7.6	7.1	7.1	2.7	4.2	6.9	7.6	6.9	4.6	7.1	7.6	7.1	9.3	9.1	4.7	6.2	11.2	10.3	6.4	6.9	10.1	10.7	8.9	24	11.2	
18	7.9	7.4	5.7	6.2	7.9	6.4	5.7	5.7	5.2	7.9	7.2	5.4	6.6	8.9	7.4	4.4	3.9	1.0	2.7	6.4	4.9	3.9	4.4	5.2	24	8.9	
19	5.7	6.4	6.4	6.4	6.7	5.9	5.2	4.2	6.7	9.3	8.1	8.8	12.2	12.0	10.1	7.4	6.1	6.9	9.6	11.0	9.3	9.8	11.7	11.7	24	12.2	
20	11.0	11.2	8.9	3.4	.3	.5	.3	-.6	.5	3.2	4.4	3.2	.3	1.3	3.4	5.9	9.6	10.1	7.9	6.7	9.6	10.3	14.5	10.3	24	14.5	
21	9.6	7.7	4.9	1.7	.3	2.5	3.5	1.3	1.7	5.9	6.9	6.4	5.4	5.2	10.1	11.5	6.4	6.1	8.8	9.8	12.0	15.4	9.6	8.4	24	15.4	
22	6.4	6.4	7.4	AV	2.7	2.0	2.2	2.0	2.2	4.9	7.4	9.6	9.6	6.4	4.4	5.7	7.2	7.4	7.9	6.9	16.9	9.6	9.1	6.0	23	16.9	
23	4.5	3.9	2.7	5.2	4.7	5.2	7.2	6.4	4.9	3.7	7.2	10.8	11.5	12.2	9.8	6.6	7.4	8.1	8.4	10.3	10.1	9.3	10.6	12.0	24	12.2	
24	12.0	8.4	6.4	3.7	3.2	7.4	8.4	4.9	4.2	9.6	9.3	6.4	9.4	11.5	14.5	10.1	11.5	16.0	12.7	15.0	16.5	11.5	17.4	14.7	24	17.4	
25	13.2	13.7	12.0	9.1	8.4	7.4	5.4	5.7	7.9	9.4	10.8	11.5	10.3	11.5	13.5	13.7	12.7	12.7	13.5	19.4	14.7	17.4	16.7	16.9	24	19.4	
26	11.7	12.7	9.8	6.9	10.1	10.6	9.8	9.3	AX	AX	7.7	9.6	10.6	8.9	8.1	7.1	9.4	18.7	6.9	10.1	20.7	10.6	11.5	11.5	22	20.7	
27	9.1	9.6	11.7	12.2	7.4	2.9	3.2	3.7	5.0	4.4	4.4	4.2	2.5	1.5	-.1	.1	3.4	3.9	4.2	2.2	4.2	8.9	7.4	6.7	24	12.2	
28	7.2	8.4	4.4	1.0	1.0	.8	2.0	4.7	5.9	2.7	.0	2.5	3.7	4.9	7.2	7.1	6.7	7.1	6.7	7.2	11.1	15.7	23.1	21.2	24	23.1	
29	12.0	16.7	11.7	8.4	6.1	6.9	5.9	7.4	6.4	6.2	7.4	7.9	7.4	1.2	-.1	4.9	6.4	4.4	8.1	12.0	12.4	19.9	12.2	14.2	24	19.9	
30	18.7	14.5	14.0	12.2	10.1	9.3	9.4	9.8	10.1	11.3	14.2	12.0	10.8	7.9	8.4	11.2	7.2	16.2	14.0	13.0	8.8	7.2	7.7	6.9	24	18.7	
31	9.1	8.9	6.9	4.7	5.2	7.2	6.2	6.2	9.6	9.6	9.8	12.7	10.3	8.2	7.4	6.2	2.5	1.0	.1	.5	2.2	-.3	-4.4	-1.5	24	12.7	
NO.:	30	31	31	29	30	31	31	31	30	29	30	31	31	31	30	30	31	30	31	31	31	31	31	31	30		
MAX:	27.1	26.8	18.4	17.6	16.9	19.4	17.2	19.2	22.6	24.4	18.4	22.6	22.4	22.1	24.1	23.6	19.7	20.9	19.4	27.1	23.9	33.4	25.8	23.4			
AVG:	9.73	9.46	7.99	7.44	6.64	6.41	6.23	6.34	7.74	8.32	8.26	8.99	8.82	9.03	8.71	8.49	7.97	8.90	8.77	10.41	11.30	12.05	11.63	9.86			

MONTHLY OBSERVATIONS: 732 MONTHLY MEAN: 8.74 MONTHLY MAX: 33.4

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-173-0002 POC: 3
 COUNTY: (173) Swain STATE: (37) North Carolina
 CITY: (08480) Bryson City (RR name Bryson) AQCR: (171) WESTERN MOUNTAIN
 SITE ADDRESS: 30 Recreation Park Drive URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 SITE COMMENTS: Address before Mar 2010 was 470 CENTER STREET, +35.435509, -83.443697 (173 M move) LAND USE: RESIDENTIAL
 MONITOR COMMENTS: LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 35.434767
 LONGITUDE: -83.442133
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 560
 PROBE HEIGHT: 5

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS

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

REPORT FOR: AUGUST 2012

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 5

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	.3	-1.5	-2.3	-2.0	.5	.8	.2	2.0	.5	-.3	.0	.5	3.9	7.4	9.1	10.3	15.9	19.2	14.7	19.2	21.2	16.7	18.4	17.9	24	21.2	
2	12.0	11.2	11.7	11.7	7.6	6.9	10.8	10.8	8.9	8.6	9.6	11.3	10.8	9.8	10.8	14.5	9.8	9.1	9.6	10.8	11.3	16.0	17.0	10.1	24	17.0	
3	8.9	9.6	11.3	10.0	10.1	8.8	6.6	9.1	7.9	5.4	9.1	13.0	14.4	6.2	7.6	8.4	6.4	5.4	5.4	7.2	6.4	8.6	11.2	8.9	24	14.4	
4	6.7	2.9	1.0	2.0	2.0	2.9	3.2	2.0	2.7	2.9	6.2	5.7	6.2	9.1	9.3	5.4	4.4	8.6	6.4	3.2	4.7	9.6	9.6	4.9	24	9.6	
5	5.9	7.7	8.4	6.4	3.2	2.7	1.3	2.7	4.4	2.0	2.5	2.5	2.2	5.2	3.9	2.5	6.7	7.9	1.7	-3.7	-3.5	-2.0	-.8	-2.2	24	8.4	
6	-1.3	2.0	-.5	-.8	-2.7	-3.7	-1.3	-1.0	-2.2	-2.2	-1.8	-1.8	-1.3	-2.0	.8	1.2	-1.0	-.8	-.8	-.5	.0	-.8	-.8	.3	24	2.0	
7	.5	1.7	5.2	3.7	-1.0	-.3	-.5	.0	.3	-1.5	2.7	4.2	.5	-1.0	2.5	4.9	1.0	.8	3.5	1.8	2.5	3.4	2.7	2.9	24	5.2	
8	3.0	2.0	.8	1.0	2.2	3.9	3.2	2.2	1.7	.3	2.0	6.9	6.9	4.4	6.9	5.7	4.7	4.7	4.2	7.2	6.2	4.7	4.7	3.2	24	7.2	
9	2.5	3.7	4.2	3.2	3.7	4.7	4.9	5.2	4.2	3.7	5.4	5.4	5.9	9.1	7.4	4.9	3.0	.5	-.1	-.1	1.7	2.0	6.9	7.2	24	9.1	
10	3.4	3.7	2.5	-.3	-1.3	-.3	-.5	-1.3	1.3	4.2	3.4	3.7	4.7	5.2	3.0	3.4	4.4	15.0	6.2	4.2	5.2	9.3	7.2	3.7	24	15.0	
11	3.9	5.9	5.7	5.4	5.2	.3	-1.7	-1.5	1.5	3.4	3.4	3.0	3.9	6.2	6.2	5.7	4.9	7.4	6.2	4.2	16.2	26.6	15.0	12.2	24	26.6	
12	8.6	5.4	2.7	1.0	3.7	4.5	3.4	1.3	.1	1.5	4.2	2.5	.8	4.4	3.4	AV	1.2	3.2	4.7	5.9	10.1	10.8	6.2	5.2	23	10.8	
13	4.9	2.4	-.6	-1.1	-.4	.5	.7	.7	2.7	4.4	5.4	6.9	5.9	4.7	2.4	1.0	3.7	3.7	5.7	4.6	3.0	8.4	10.3	6.1	24	10.3	
14	2.0	1.2	2.7	2.0	3.4	5.1	2.4	3.7	4.4	3.7	3.4	2.7	3.9	3.7	4.2	6.4	5.4	5.6	8.1	7.2	7.7	9.6	8.1	4.4	24	9.6	
15	5.2	7.9	5.4	2.2	3.4	6.4	6.9	7.9	8.4	7.4	7.2	7.4	7.9	9.1	9.1	9.8	11.5	8.1	9.1	10.3	10.5	11.5	14.2	15.4	24	15.4	
16	15.0	11.5	10.7	10.1	11.7	10.7	7.4	5.1	4.2	4.9	6.9	8.6	10.6	9.8	5.7	6.7	7.4	6.9	7.4	5.6	8.2	12.0	11.7	14.5	24	15.0	
17	9.8	9.6	7.9	7.1	6.4	5.2	3.4	4.7	7.9	9.8	10.1	9.6	14.2	5.2	4.7	2.0	.0	2.0	5.4	7.7	8.6	10.7	10.6	9.1	24	14.2	
18	11.5	11.0	9.8	6.9	3.7	2.7	2.7	4.4	5.7	5.2	4.7	2.9	2.0	3.0	4.2	6.9	9.1	10.1	16.7	11.7	14.5	10.8	11.0	12.7	24	16.7	
19	12.0	7.7	4.2	4.5	5.9	6.9	5.4	2.2	2.3	4.2	4.0	2.3	2.5	3.0	5.4	4.7	2.7	4.9	7.4	15.4	9.8	9.1	7.9	24	15.4		
20	6.2	3.7	2.5	1.3	4.2	5.9	7.7	11.0	7.2	7.4	10.1	8.9	4.9	5.2	7.7	6.4	5.2	5.5	6.2	5.4	8.9	12.0	9.1	8.4	24	12.0	
21	7.2	6.5	6.2	7.2	7.2	5.8	6.2	6.5	5.7	4.7	6.9	8.4	8.9	8.6	5.2	5.5	8.6	9.1	7.7	10.3	11.0	7.9	10.5	11.7	24	11.7	
22	7.7	8.4	12.0	9.9	6.3	7.5	7.2	5.9	5.9	6.9	9.1	9.4	9.1	6.4	4.5	3.5	2.5	6.7	9.4	8.6	9.1	11.0	12.0	9.4	24	12.0	
23	10.1	11.5	8.6	6.2	5.7	4.2	4.2	6.5	AZ	AX	AX	7.4	8.7	7.4	6.7	6.2	8.6	15.2	3.0	5.7	8.4	7.1	8.6	10.1	21	15.2	
24	8.6	7.2	3.4	1.8	3.9	5.4	3.7	4.7	4.9	2.5	3.5	5.2	6.9	5.7	4.4	6.4	5.9	5.2	5.7	AV	1.8	4.0	6.2	6.7	23	8.6	
25	AV	4.7	5.4	5.9	4.7	4.2	7.2	8.6	8.6	9.9	6.9	4.4	6.7	8.9	8.9	6.9	5.4	8.2	8.4	9.1	12.0	18.0	9.9	10.6	23	18.0	
26	10.1	11.0	10.3	10.3	11.5	8.4	4.9	6.2	8.9	5.9	5.1	6.9	7.7	5.9	3.9	7.9	9.6	9.1	5.9	4.9	9.4	10.3	8.2	7.0	24	11.5	
27	6.9	7.4	9.1	10.4	7.7	5.4	5.2	6.7	8.4	7.2	7.7	9.1	11.5	11.3	10.3	8.4	6.2	6.7	8.2	11.5	17.2	12.3	11.3	10.6	24	17.2	
28	10.4	9.6	7.7	6.7	7.2	6.4	8.2	6.9	6.9	8.9	8.4	7.4	8.0	15.0	4.2	3.7	2.8	3.7	3.7	-.7	.1	4.2	2.3	2.7	24	15.0	
29	2.8	2.3	5.7	6.2	4.9	2.7	2.3	4.0	4.0	2.5	.1	1.5	4.9	6.2	7.2	4.9	-.3	.3	2.7	2.7	2.2	5.2	9.6	9.4	24	9.6	
30	5.2	2.2	.8	-.1	-.7	.8	2.7	4.2	8.0	4.5	4.2	4.7	2.7	2.7	3.0	2.0	2.5	3.5	4.9	2.5	-.7	.8	.3	-.5	24	8.0	
31	1.8	1.5	-1.7	-.5	-1.3	-2.2	-2.5	-2.0	-.1	-.8	1.5	5.0	2.9	2.2	1.0	.8	.8	3.5	2.7	-.5	3.2	8.0	5.0	2.7	24	8.0	
NO.:	30	31	31	31	31	31	31	31	30	30	30	31	31	31	31	30	31	31	31	30	31	31	31	31	31		
MAX:	15.0	11.5	12.0	11.7	11.7	10.7	10.8	11.0	8.9	9.9	10.1	13.0	14.4	15.0	10.8	14.5	15.9	19.2	16.7	19.2	21.2	26.6	18.4	17.9			
AVG:	6.39	5.86	5.19	4.46	4.15	3.97	3.73	4.17	4.51	4.24	5.06	5.66	6.09	6.05	5.52	5.59	5.19	6.35	6.05	5.78	7.50	8.98	8.56	7.52			

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 5.69 MONTHLY MAX: 26.6

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-173-0002 POC: 3
 COUNTY: (173) Swain
 CITY: (08480) Bryson City (RR name Bryson)
 SITE ADDRESS: 30 Recreation Park Drive
 SITE COMMENTS: Address before Mar 2010 was 470 CENTER STREET, +35.435509, -83.443697 (173 M move)
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 35.434767
 LONGITUDE: -83.442133
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 560
 PROBE HEIGHT: 5

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS

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

REPORT FOR: SEPTEMBER 2012

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 5

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	3.2	.3	-.5	-1.0	-2.0	-.1	.1	-1.0	-.5	.0	.3	1.7	.7	-1.1	.0	1.0	1.2	-.3	1.0	.0	-1.5	1.5	.0	-2.2	24	3.2	
2	-2.2	-.8	.8	-.1	-1.7	-5.7	-3.2	2.0	2.7	3.4	2.9	-.3	-2.3	-.1	1.3	4.4	5.9	2.5	2.2	3.7	7.4	7.4	4.0	3.7	24	7.4	
3	1.3	-.5	-.8	1.5	1.0	-1.3	-.3	.0	.3	3.2	2.5	1.7	4.4	5.7	5.2	2.0	2.2	4.4	4.4	4.4	7.4	7.7	3.9	3.0	24	7.7	
4	1.3	-.5	2.2	3.2	1.3	-2.2	-5.0	-2.5	-.5	3.7	3.9	-1.5	-.8	-1.3	.3	.5	-1.5	.5	2.7	-.1	-3.0	-2.7	-2.3	-1.3	24	3.9	
5	-3.5	-.5	1.3	-1.0	-2.0	-1.5	.3	2.0	1.0	-.5	-1.3	-1.3	-.8	-2.5	.0	.7	1.0	.8	.0	2.0	.8	-.5	-.8	.5	24	2.0	
6	1.0	-.8	-2.5	-1.8	.7	.0	-.5	1.0	5.9	10.0	9.1	4.9	1.7	1.5	-.5	-1.3	.0	.0	1.7	2.7	2.2	2.2	3.2	4.2	24	10.0	
7	2.7	1.7	.0	.8	3.4	4.4	.3	-.5	2.7	2.5	2.2	2.9	.0	.5	2.7	.5	1.2	2.0	3.7	5.2	5.7	5.4	3.9	6.9	24	6.9	
8	6.2	3.4	1.7	-.5	.1	-.5	-2.7	-2.3	.0	5.2	6.7	4.9	4.2	3.7	2.7	-.5	-2.0	-1.3	-.8	-1.0	-1.5	.8	3.2	.5	24	6.7	
9	1.0	4.0	2.8	2.9	3.8	3.8	1.2	-1.9	-.7	2.7	5.4	3.2	1.5	1.5	3.2	3.2	3.2	4.4	4.4	3.7	5.9	6.0	4.5	6.7	24	6.7	
10	7.3	6.0	4.3	4.0	4.5	2.6	-.4	.2	4.5	.3	-.1	3.9	4.7	3.5	.6	2.7	6.7	6.9	6.2	8.7	10.1	8.2	6.5	6.2	24	10.1	
11	4.8	4.5	4.1	3.3	3.8	4.8	4.8	3.0	3.5	8.2	8.9	3.5	4.0	6.5	7.7	4.9	-.1	-.1	3.0	3.5	3.2	5.2	6.4	5.7	24	8.9	
12	5.0	3.0	2.0	4.9	4.7	1.8	2.5	4.2	5.0	7.2	16.7	7.7	9.2	11.3	10.6	7.4	6.7	5.7	5.7	9.6	11.0	7.9	6.2	8.4	24	16.7	
13	9.9	8.3	6.0	4.6	5.3	7.1	7.5	9.2	8.9	7.4	8.4	8.9	8.2	8.7	8.2	7.0	7.7	7.0	6.2	8.7	11.0	8.9	6.7	7.7	24	11.0	
14	6.7	5.7	5.2	6.2	7.5	6.5	5.0	2.5	2.5	6.2	6.4	6.5	6.7	4.2	6.0	7.2	4.0	1.8	3.5	3.0	2.0	5.0	9.9	11.5	24	11.5	
15	11.5	11.3	8.5	7.5	7.0	5.2	6.5	6.0	6.2	9.4	9.1	8.7	8.7	6.2	1.5	1.3	4.2	3.9	3.7	7.2	11.7	12.7	10.5	9.6	24	12.7	
16	10.3	8.4	4.2	3.5	7.7	6.4	4.2	4.9	3.2	5.9	7.4	4.4	5.9	4.7	4.4	5.2	4.4	6.4	8.9	10.1	10.1	10.7	8.9	6.7	24	10.7	
17	5.7	4.7	4.7	4.9	3.0	3.2	5.9	6.0	8.2	9.1	6.2	3.4	4.2	5.7	5.7	4.2	3.0	5.0	4.7	6.5	6.7	-.1	-2.2	-.3	24	9.1	
18	.1	1.3	1.1	-1.5	-4.2	-2.9	-.7	-1.5	-1.0	-.8	-1.7	-.1	-1.0	-2.0	-.6	-1.2	-.3	2.7	4.0	5.7	5.2	4.2	8.9	8.4	24	8.9	
19	5.7	5.0	7.0	7.1	5.1	4.5	-.2	.1	2.7	AX	AX	4.9	6.7	6.7	5.2	3.5	3.7	3.7	4.2	4.2	3.7	3.7	5.2	2.5	22	7.1	
20	-.3	3.0	4.4	2.2	3.7	4.4	4.4	6.4	8.0	6.9	5.9	6.5	4.5	2.5	3.7	5.2	5.2	6.0	6.2	7.2	15.4	10.0	8.7	5.7	24	15.4	
21	3.2	2.5	2.5	.8	4.2	7.0	7.5	8.7	6.7	4.2	4.2	8.4	8.4	5.9	7.7	7.4	3.7	7.7	10.3	8.9	9.6	11.3	10.8	8.2	24	11.3	
22	18.7	13.3	13.5	11.3	8.7	7.2	5.0	6.0	7.7	6.7	7.7	10.1	9.9	9.9	11.0	12.8	11.3	9.2	8.4	15.5	22.2	13.8	16.8	21.3	24	22.2	
23	15.9	7.6	9.2	9.3	8.1	8.3	6.3	3.8	1.4	3.3	5.5	2.8	3.5	3.7	4.7	4.7	1.8	3.0	4.5	7.8	10.7	9.5	6.5	6.0	24	15.9	
24	6.0	7.0	6.2	2.1	.2	.0	2.6	3.8	3.4	4.0	1.8	-1.2	-1.0	.8	2.2	2.7	2.3	3.0	6.0	6.5	6.0	5.8	4.8	4.3	24	7.0	
25	5.0	4.7	2.1	.8	1.8	4.8	5.2	3.3	4.0	3.5	4.0	5.9	7.4	5.2	5.2	6.9	7.9	6.2	5.7	11.0	11.8	9.6	9.4	10.6	24	11.8	
26	9.2	7.5	7.0	7.8	8.2	6.3	5.6	7.0	8.7	8.5	8.7	8.7	7.7	6.7	18.0	4.0	6.2	8.7	9.4	10.8	16.5	9.2	8.7	10.3	24	18.0	
27	10.8	8.7	6.7	4.5	5.5	6.5	8.7	8.2	5.2	6.7	7.5	14.8	9.8	11.1	12.5	11.0	8.9	9.2	11.8	15.0	10.6	10.1	10.8	10.6	24	15.0	
28	8.7	9.4	9.6	7.5	6.5	7.5	7.0	6.7	9.1	9.8	10.8	8.9	5.2	5.2	6.7	9.4	10.8	7.7	7.7	12.0	11.3	18.0	11.0	11.8	24	18.0	
29	12.5	10.8	9.6	7.5	7.2	10.3	8.2	7.5	9.4	8.4	7.0	14.3	2.8	6.5	9.2	7.5	6.2	5.0	7.0	8.7	8.0	8.0	9.8	10.1	24	14.3	
30	7.5	6.2	9.2	9.0	6.3	6.6	7.3	8.2	6.7	5.5	5.2	7.0	9.8	8.2	5.0	4.7	3.2	6.0	8.0	5.2	8.5	8.2	6.2	7.0	24	9.8	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	18.7	13.3	13.5	11.3	8.7	10.3	8.7	9.2	9.4	10.0	16.7	14.8	9.9	11.3	18.0	12.8	11.3	9.2	11.8	15.5	22.2	18.0	16.8	21.3			
AVG:	5.84	4.84	4.40	3.71	3.65	3.50	3.10	3.37	4.16	5.19	5.56	5.14	4.46	4.30	5.00	4.30	3.96	4.26	5.15	6.55	7.62	6.92	6.34	6.48			

MONTHLY OBSERVATIONS: 718 MONTHLY MEAN: 4.91 MONTHLY MAX: 22.2

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-173-0002 POC: 3
 COUNTY: (173) Swain STATE: (37) North Carolina
 CITY: (08480) Bryson City (RR name Bryson) AQCR: (171) WESTERN MOUNTAIN
 SITE ADDRESS: 30 Recreation Park Drive URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 SITE COMMENTS: Address before Mar 2010 was 470 CENTER STREET, +35.435509, -83.443697 (173 M move) LAND USE: RESIDENTIAL
 MONITOR COMMENTS: LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 35.434767
 LONGITUDE: -83.442133
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 560
 PROBE HEIGHT: 5

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS

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

REPORT FOR: OCTOBER 2012

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 5

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	4.5	4.2	5.5	4.2	2.5	2.3	1.3	.8	.3	-.8	-.6	-.5	.1	.6	-.8	-1.0	-.1	-1.1	-2.7	-4.9	-4.9	-1.1	-.6	-3.2	24	5.5
2	-3.2	-1.8	-1.8	-1.5	-1.0	-1.1	.6	-.1	-4.4	-2.5	.5	.8	-.6	.3	1.3	1.3	2.7	1.5	2.0	.8	-.1	3.0	3.7	2.5	24	3.7
3	2.3	4.0	2.3	.3	1.6	.0	.6	2.0	-1.3	-1.3	1.1	-.8	-1.5	.6	2.8	4.0	4.0	5.0	5.5	1.3	1.3	4.5	1.5	-.5	24	5.5
4	.8	-.8	-1.7	-1.5	-2.0	1.3	1.1	1.1	-.8	.0	1.1	2.5	2.8	4.7	9.8	10.1	6.7	5.7	8.0	8.7	8.2	6.8	6.6	7.3	24	10.1
5	6.9	6.1	4.1	3.9	5.6	4.4	2.9	4.1	5.0	2.8	3.8	6.5	7.0	7.7	7.0	6.5	8.2	10.1	5.2	3.0	8.5	10.1	17.7	16.9	24	17.7
6	9.7	8.8	9.3	11.4	9.1	5.9	5.3	6.0	9.0	10.8	10.8	10.6	10.8	11.1	12.3	12.3	8.5	8.9	6.7	2.1	2.1	.2	.7	-.2	24	12.3
7	-1.7	1.6	4.9	4.8	.2	-1.7	-1.4	-2.3	-3.1	-2.4	-2.7	-2.9	1.9	5.3	2.3	-1.2	-2.1	-.5	.9	3.6	6.6	6.0	5.8	5.1	24	6.6
8	2.6	3.1	6.1	5.1	3.1	2.4	1.7	2.6	3.8	3.6	1.4	.4	1.4	1.4	1.8	2.3	1.6	2.6	2.6	1.7	.2	1.4	3.9	24	6.1	
9	4.6	4.1	4.6	4.6	4.1	3.4	4.8	5.8	1.1	-.5	1.6	.1	-.5	-.5	-.8	.3	1.1	4.7	5.5	3.6	6.0	9.2	10.9	9.3	24	10.9
10	3.3	-1.6	-.2	2.8	3.9	6.6	6.1	3.9	6.1	5.3	4.5	7.5	8.0	6.8	6.3	5.5	6.8	6.8	6.0	7.4	15.6	6.5	9.5	11.4	24	15.6
11	8.3	7.1	6.8	7.6	6.3	4.8	7.5	8.1	5.3	4.9	6.7	5.5	2.5	1.3	1.6	2.8	4.0	4.2	6.0	14.7	13.7	13.4	10.6	6.5	24	14.7
12	3.3	2.1	1.7	4.0	6.3	5.5	5.3	3.6	.9	1.9	1.1	-.3	1.1	1.3	.6	1.3	2.3	4.0	7.0	7.7	8.4	17.5	18.6	12.1	24	18.6
13	9.7	5.7	8.0	9.7	5.8	4.1	5.8	5.0	5.7	9.1	7.2	5.2	7.2	5.5	5.2	7.2	7.7	10.3	13.0	26.9	20.2	14.2	12.1	11.1	24	26.9
14	11.9	10.9	10.1	10.8	11.1	9.8	7.5	8.5	9.9	8.5	9.4	9.6	8.9	7.2	5.0	4.5	4.2	7.2	11.8	13.0	10.8	8.9	8.4	9.6	24	13.0
15	10.3	10.3	11.3	8.9	5.1	1.1	-.5	2.3	3.3	3.8	6.8	7.8	7.0	6.3	4.3	3.5	3.0	5.3	5.5	6.1	11.6	12.1	10.4	11.9	24	12.1
16	10.4	9.0	9.0	8.5	9.5	10.0	7.8	6.0	6.6	AX	AX	4.3	1.1	1.3	AT	AT	AT	6.3	5.8	7.3	6.3	8.5	10.4	14.8	19	14.8
17	11.6	10.0	8.5	6.8	5.0	3.5	6.3	8.5	6.4	7.0	8.2	5.5	3.0	3.5	4.5	4.3	4.3	6.0	9.7	12.9	10.7	7.0	7.3	10.4	24	12.9
18	10.9	9.5	9.2	7.1	5.3	7.8	8.0	7.0	9.9	10.1	9.4	5.0	.2	1.3	4.0	6.9	7.2	5.4	3.7	15.7	16.5	12.9	10.4	8.2	24	16.5
19	7.2	8.7	12.1	9.9	7.2	6.3	4.0	5.5	7.0	4.0	3.5	6.4	8.2	10.5	17.7	17.2	18.0	16.2	21.9	32.7	51.1	58.3	44.7	34.7	24	58.3
20	24.5	17.3	17.3	17.1	19.3	14.8	8.7	10.4	11.5	8.6	5.7	5.2	3.5	2.5	3.0	5.0	7.0	6.3	8.5	10.9	20.8	21.0	20.6	20.8	24	24.5
21	12.1	11.8	14.3	14.6	9.2	10.8	9.7	9.0	8.8	5.5	5.5	5.0	4.5	2.8	-.1	1.3	3.8	7.2	11.8	10.9	10.4	17.8	22.2	11.3	24	22.2
22	29.7	29.9	17.6	12.9	11.6	9.7	10.0	10.5	7.1	6.0	8.7	7.3	6.7	7.9	6.8	6.0	4.8	5.5	14.6	25.2	20.2	14.7	13.9	15.8	24	29.9
23	20.0	17.1	16.1	14.1	13.6	13.1	12.4	8.1	4.2	7.2	10.8	10.3	7.2	4.2	4.2	5.5	6.5	9.4	18.5	35.6	15.1	16.4	11.7	12.4	24	35.6
24	16.1	16.1	10.9	14.4	11.4	14.4	11.7	10.0	7.0	9.2	12.1	11.6	9.9	7.0	3.8	4.5	5.3	6.3	19.5	13.6	16.1	12.9	13.4	11.9	24	19.5
25	9.7	24.0	11.6	12.9	9.7	7.6	10.0	8.1	8.5	11.8	10.3	7.8	7.5	7.7	5.7	4.8	6.3	5.8	8.7	9.2	8.4	10.4	9.2	8.8	24	24.0
26	8.3	8.6	8.8	8.4	9.0	7.6	6.4	6.6	8.2	8.0	4.7	3.0	3.8	5.5	5.0	4.3	2.3	3.0	8.4	12.3	13.0	13.3	22.5	23.8	24	23.8
27	15.1	20.0	19.3	8.6	10.1	15.3	13.4	11.2	9.9	10.4	5.8	3.3	4.7	4.0	3.8	5.0	5.3	4.1	2.4	1.4	1.0	1.2	.5	2.4	24	20.0
28	5.8	6.1	7.3	8.5	7.3	5.4	1.7	-.9	.9	.2	-2.8	-1.0	2.5	3.3	-.4	-2.3	.2	1.2	.5	3.1	4.6	5.5	5.8	6.3	24	8.5
29	7.1	5.3	2.9	1.4	2.4	2.9	2.6	3.6	5.1	2.4	2.9	6.6	7.8	6.5	7.0	5.3	3.5	3.3	2.6	6.8	7.3	5.7	8.2	6.3	24	8.2
30	4.0	5.0	5.3	5.0	4.3	6.8	6.8	5.8	4.5	2.8	5.6	5.6	5.3	5.6	6.5	8.5	7.5	5.8	7.8	8.0	6.5	5.8	8.3	9.0	24	9.0
31	6.1	6.3	9.7	12.4	9.5	7.8	8.1	8.1	7.1	3.8	4.8	7.3	3.4	1.9	3.7	2.6	3.0	7.6	10.2	10.2	10.7	8.6	20.1	29.7	24	29.7
NO.:	31	31	31	31	31	31	31	31	31	30	30	31	31	31	30	30	30	31	31	31	31	31	31	31	31	
MAX:	29.7	29.9	19.3	17.1	19.3	15.3	13.4	11.2	11.5	11.8	12.1	11.6	10.8	11.1	17.7	17.2	18.0	16.2	21.9	35.6	51.1	58.3	44.7	34.7		
AVG:	8.77	8.66	8.09	7.67	6.65	6.21	5.68	5.39	4.98	4.71	4.98	4.69	4.43	4.52	4.47	4.50	4.75	5.69	7.69	10.06	10.61	10.69	11.18	10.65		

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 6.92 MONTHLY MAX: 58.3

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-173-0002 POC: 3
 COUNTY: (173) Swain STATE: (37) North Carolina
 CITY: (08480) Bryson City (RR name Bryson) AQCR: (171) WESTERN MOUNTAIN
 SITE ADDRESS: 30 Recreation Park Drive URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 SITE COMMENTS: Address before Mar 2010 was 470 CENTER STREET, +35.435509, -83.443697 (173 M move) LAND USE: RESIDENTIAL
 MONITOR COMMENTS: LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 35.434767
 LONGITUDE: -83.442133
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 560
 PROBE HEIGHT: 5

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS

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

REPORT FOR: NOVEMBER 2012

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 5

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	16.1	20.4	25.8	19.1	3.4	2.9	5.4	7.1	8.8	8.1	3.3	2.8	2.8	1.3	3.8	7.7	7.0	7.1	7.6	8.6	9.7	14.9	13.4	13.1	24	25.8	
2	12.6	13.2	12.2	9.9	10.2	8.6	8.1	8.3	15.4	9.5	7.3	6.0	7.1	7.5	8.4	7.5	8.9	10.6	17.1	17.1	16.9	13.6	36.2	41.4	24	41.4	
3	22.8	20.1	12.9	12.9	10.9	9.7	9.7	8.6	15.9	12.0	15.1	6.6	5.8	6.3	8.0	9.2	8.9	10.4	11.1	18.2	17.4	23.8	23.6	15.2	24	23.8	
4	16.6	21.3	24.1	19.6	18.1	15.6	9.5	10.5	9.9	9.9	12.3	12.1	11.8	11.3	12.1	11.5	9.9	20.0	14.7	18.3	16.1	19.8	15.6	13.9	24	24.1	
5	15.6	14.4	9.2	11.1	13.1	11.1	9.0	9.6	11.8	8.6	3.8	5.8	6.2	2.5	1.6	3.5	3.8	8.3	16.1	13.6	12.6	12.4	12.3	12.1	24	16.1	
6	10.9	9.0	10.6	12.1	12.4	11.6	9.3	9.3	8.5	8.1	7.8	8.6	8.9	5.3	2.9	3.9	6.3	8.5	14.6	14.4	18.6	19.6	11.6	12.9	24	19.6	
7	11.4	11.1	14.6	9.5	8.3	9.5	10.7	9.3	8.1	6.3	4.4	3.7	2.2	1.1	4.6	7.4	7.1	6.8	8.3	10.7	12.4	15.6	10.7	6.8	24	15.6	
8	4.8	7.3	9.9	12.6	9.5	7.8	8.1	5.1	7.8	10.4	14.5	9.0	7.3	5.5	4.3	4.5	7.5	10.9	24.1	31.3	20.6	24.0	22.8	20.1	24	31.3	
9	22.8	22.3	14.1	11.9	10.9	15.9	11.9	15.6	6.1	9.5	11.4	8.3	15.1	4.3	3.8	1.1	1.5	5.0	9.9	11.9	15.9	16.8	19.8	15.3	24	22.8	
10	18.0	17.8	23.5	20.8	21.5	15.8	15.3	15.8	10.5	11.8	10.4	6.8	2.8	3.8	3.8	.9	2.7	5.0	6.5	8.3	10.4	15.6	19.8	13.3	24	23.5	
11	19.6	16.1	18.8	17.8	18.3	16.8	13.9	16.4	11.5	11.9	9.9	9.0	7.3	3.1	3.1	2.8	.4	2.1	5.8	8.5	6.8	6.3	6.8	4.8	24	19.6	
12	3.6	3.8	7.3	7.1	3.8	4.6	7.0	5.8	6.5	3.5	3.8	6.2	4.3	2.5	1.3	5.5	10.1	10.8	7.1	1.6	1.9	.7	.0	1.9	24	10.8	
13	3.6	4.6	3.1	3.3	4.8	5.6	5.3	9.2	9.5	5.1	4.5	5.6	4.3	3.3	4.8	4.7	6.0	8.1	9.0	27.0	18.6	22.2	18.3	15.6	24	27.0	
14	10.9	17.1	9.9	18.6	14.8	8.8	9.5	14.6	12.3	AZ	AZ	AX	AX	AX	6.0	3.1	9.0	9.7	28.4	58.4	53.8	42.8	24.3	22.2	19	58.4	
15	14.1	12.9	18.0	16.8	17.3	13.1	19.6	16.8	18.6	14.9	9.2	9.1	4.1	.3	3.4	4.9	7.0	17.1	17.8	21.1	13.6	19.3	22.5	29.2	24	29.2	
16	19.6	20.3	15.8	15.1	10.6	11.4	12.6	13.1	11.6	11.4	12.2	11.9	11.3	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	13	20.3
17	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
18	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
19	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
20	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	2.8	16.0	21.8	13.4	15.1	24.5	31.1	24.7	14.1	9	31.1	
21	15.3	17.6	17.3	15.6	14.8	10.4	10.6	11.4	17.1	15.3	10.1	9.2	6.0	2.8	5.0	4.3	2.0	5.0	15.2	19.3	15.8	20.3	15.9	17.6	24	20.3	
22	18.3	15.8	19.0	15.1	13.9	15.6	13.6	13.3	14.6	38.4	13.4	13.6	13.9	10.6	4.3	3.8	6.7	9.7	41.2	25.0	26.0	15.9	19.1	19.3	24	41.2	
23	15.1	15.1	14.6	16.6	20.3	16.8	11.9	19.6	17.9	19.4	15.2	11.2	10.6	9.0	10.4	9.0	7.1	7.3	4.8	4.1	1.4	.9	4.1	4.3	24	20.3	
24	6.1	7.5	3.1	1.9	3.8	5.0	7.3	7.0	6.5	5.3	3.6	3.6	1.9	1.4	1.3	-.1	1.4	6.0	9.4	7.3	4.8	4.8	7.8	11.3	24	11.3	
25	12.1	13.1	12.8	15.3	15.3	11.3	12.3	11.1	9.9	11.9	9.9	5.0	3.5	2.1	-1.0	-1.2	1.3	4.8	14.3	18.5	18.6	20.1	21.0	12.9	24	21.0	
26	11.6	10.1	9.2	11.1	12.8	10.6	14.8	14.8	10.9	10.0	8.1	3.5	.4	1.1	1.3	1.6	20.3	11.8	14.4	11.9	12.6	15.6	14.6	12.1	24	20.3	
27	9.9	10.2	10.7	7.8	9.2	9.7	7.8	14.8	4.8	5.0	9.4	9.7	6.1	6.0	7.6	9.9	7.0	3.6	5.6	5.3	4.3	5.1	4.8	4.1	24	14.8	
28	5.3	8.5	5.3	3.1	4.1	2.4	5.3	6.1	7.8	8.1	3.6	.9	.0	3.3	4.0	2.1	.4	4.6	11.1	9.5	9.5	10.6	7.6	7.8	24	11.1	
29	8.0	7.3	10.6	10.9	7.3	5.5	7.0	9.6	8.5	9.4	10.6	8.6	8.0	6.0	9.0	7.3	3.3	8.0	17.6	18.3	19.1	16.3	19.6	19.3	24	19.6	
30	11.1	15.3	15.3	11.6	10.6	10.1	9.9	10.2	22.8	15.9	6.6	8.1	8.0	8.3	9.6	11.6	19.6	13.1	15.6	20.8	25.8	12.3	20.1	13.1	24	25.8	
31																										0	
NO.:	26	26	26	26	26	26	26	26	26	25	25	25	25	24	25	26	26	26	26	26	26	26	26	26	26		
MAX:	22.8	22.3	25.8	20.8	21.5	16.8	19.6	19.6	22.8	38.4	15.2	13.6	15.1	11.3	12.1	11.6	20.3	21.8	41.2	58.4	53.8	42.8	36.2	41.4			
AVG:	12.92	13.55	13.37	12.58	11.54	10.24	10.21	11.27	11.29	11.19	8.82	7.40	6.39	4.53	4.94	4.97	6.97	9.08	13.87	16.31	15.68	16.17	16.04	14.37			

MONTHLY OBSERVATIONS: 617 MONTHLY MEAN: 11.03 MONTHLY MAX: 58.4

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-173-0002 POC: 3
 COUNTY: (173) Swain
 CITY: (08480) Bryson City (RR name Bryson)
 SITE ADDRESS: 30 Recreation Park Drive
 SITE COMMENTS: Address before Mar 2010 was 470 CENTER STREET, +35.435509, -83.443697 (173 M move)
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 35.434767
 LONGITUDE: -83.442133
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 560
 PROBE HEIGHT: 5

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS

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

REPORT FOR: DECEMBER 2012

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: 5

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	21.0	19.6	15.8	22.0	17.8	19.6	17.6	12.9	15.9	20.1	14.1	20.7	7.3	9.7	7.8	8.5	13.4	12.9	20.4	20.1	18.8	17.3	17.8	19.8	24	22.0	
2	20.6	16.3	15.9	15.4	15.1	12.4	12.9	13.1	12.1	12.4	9.2	5.6	6.1	4.1	2.3	2.4	1.0	2.1	7.3	15.4	10.6	18.1	8.8	9.3	24	20.6	
3	11.6	12.6	11.6	10.4	16.3	11.4	9.9	7.3	7.8	10.9	10.6	7.5	5.0	5.3	4.8	.4	.4	6.8	8.9	17.3	17.6	20.6	18.6	17.8	24	20.6	
4	13.4	15.9	13.1	12.1	11.9	12.6	11.1	9.9	10.4	9.3	6.3	5.5	3.8	2.1	3.3	4.6	4.3	5.5	5.6	7.8	9.4	9.9	11.6	12.1	24	15.9	
5	9.5	7.1	6.8	7.3	9.5	7.1	7.0	8.8	10.5	10.9	10.0	7.0	5.2	1.1	.4	.9	.8	2.1	1.9	2.1	3.3	4.3	2.6	2.1	24	10.9	
6	3.6	3.1	.9	-.7	.7	2.1	1.9	1.4	1.1	3.3	4.6	3.9	-.2	.4	1.1	-.2	3.2	3.9	3.4	5.9	15.8	8.0	8.8	10.2	24	15.8	
7	16.6	11.9	10.2	9.0	10.4	9.5	6.8	7.8	9.3	7.8	3.1	3.3	5.0	1.4	2.6	4.3	2.5	6.3	10.6	10.2	8.8	6.1	7.3	11.4	24	16.6	
8	12.1	9.2	8.5	10.9	9.5	6.8	5.8	4.5	5.1	7.5	5.5	4.0	6.0	6.1	6.5	5.0	3.0	3.1	4.8	16.8	12.4	12.4	13.1	13.1	24	16.8	
9	11.9	12.1	10.2	8.8	6.6	5.8	10.0	8.5	4.5	4.3	3.1	2.7	6.2	4.0	.8	.8	1.8	5.0	3.7	2.1	6.8	9.3	8.8	5.0	24	12.1	
10	3.8	5.0	5.3	5.1	1.6	1.9	3.8	4.5	3.5	.9	1.0	-.2	.2	.0	-.7	.0	1.2	4.3	4.6	2.6	2.8	4.1	4.1	1.6	24	5.3	
11	.9	2.8	1.6	1.6	2.3	1.6	.4	1.9	5.5	8.3	4.8	2.8	2.6	.2	1.6	8.7	9.7	5.8	7.3	9.5	8.5	8.0	8.3	8.0	24	9.7	
12	7.8	10.4	15.1	13.1	12.6	9.0	7.8	8.0	7.5	7.8	6.8	7.8	9.7	8.5	8.0	8.8	8.1	16.8	15.1	16.1	18.0	16.8	19.8	13.6	24	19.8	
13	13.8	9.7	6.3	8.3	7.0	5.0	5.8	5.8	4.8	AX	AX	7.9	8.5	5.8	5.3	5.5	3.6	3.3	6.5	15.8	17.8	16.8	15.8	15.0	22	17.8	
14	19.0	14.3	6.2	14.5	10.1	7.0	5.0	8.2	10.3	8.4	6.0	8.5	8.5	5.0	3.5	1.1	.8	8.0	13.3	12.0	17.7	28.9	15.6	17.1	24	28.9	
15	21.0	14.3	15.1	11.8	17.5	10.9	14.6	10.6	11.8	10.6	7.8	6.8	5.3	4.0	3.3	6.3	9.9	12.1	12.9	16.8	26.0	28.0	16.1	18.3	24	28.0	
16	17.8	13.6	11.6	8.5	8.8	10.4	9.9	8.7	5.0	3.6	4.8	6.5	5.8	4.5	2.8	1.1	3.1	3.1	5.3	8.5	7.5	4.0	4.5	5.8	24	17.8	
17	4.8	2.3	.2	-.5	-.2	1.8	1.4	-1.9	-2.6	2.3	4.8	2.6	2.8	5.1	4.1	1.9	3.1	9.2	9.2	4.0	6.8	6.0	2.6	4.8	24	9.2	
18	4.5	2.8	4.0	4.0	4.0	7.0	7.3	6.5	6.3	4.6	3.2	.4	2.1	3.5	1.1	2.3	4.5	6.8	15.3	13.3	12.3	14.3	12.1	15.8	24	15.8	
19	10.4	10.4	10.4	9.0	8.5	8.3	8.7	11.1	12.6	14.3	8.8	9.2	6.5	3.5	3.8	3.3	6.2	9.7	10.6	20.8	19.3	19.3	16.8	20.6	24	20.8	
20	25.2	18.6	19.1	19.3	16.1	8.8	8.5	9.5	9.7	14.4	7.6	6.8	5.0	3.6	2.6	.9	1.4	3.8	4.5	7.0	8.0	3.3	-.7	.7	24	25.2	
21	1.9	1.4	1.6	2.1	3.1	3.0	1.1	2.6	2.8	1.6	3.1	3.0	2.1	2.3	2.8	2.8	4.0	3.5	2.3	1.1	.9	2.5	2.1	2.1	24	4.0	
22	2.3	1.3	3.5	4.3	.4	-.5	2.8	.6	.9	6.0	5.1	-.2	-3.1	-.6	1.6	-.3	-2.6	-.7	.9	.0	1.8	5.0	5.5	19.1	24	19.1	
23	22.0	17.6	11.1	12.3	13.1	17.1	12.1	18.3	11.9	12.9	12.3	8.5	5.1	2.6	2.8	4.6	6.0	98.5	60.7	17.8	13.4	16.3	19.8	17.3	24	98.5	
24	15.8	20.3	10.9	11.8	11.6	8.7	6.8	7.0	8.5	8.5	5.5	2.3	2.6	1.8	3.6	6.8	4.6	6.6	16.3	15.6	10.7	9.2	17.1	14.4	24	20.3	
25	15.4	20.8	15.4	17.6	8.5	5.1	2.4	1.2	.7	3.8	4.3	3.9	4.6	5.6	5.4	4.3	5.6	7.6	7.8	6.3	6.8	7.3	5.6	3.1	24	20.8	
26	-1.2	-2.4	-2.6	-2.6	-4.6	-5.5	-3.6	-1.4	-1.6	BA	-1.9	.0	.7	2.9	1.9	-1.2	-.7	.0	.7	3.8	4.3	3.4	3.1	3.1	23	4.3	
27	2.6	2.4	3.1	3.3	4.3	6.6	7.0	9.0	8.3	5.1	5.1	4.2	3.9	4.1	1.4	.9	2.1	3.1	6.1	9.7	10.4	10.4	11.1	11.6	24	11.6	
28	11.1	7.3	7.6	9.5	10.2	10.9	8.5	5.6	8.8	12.4	12.0	9.1	6.6	20.9	10.9	9.9	18.1	12.1	14.4	20.1	17.8	14.8	10.4	10.4	24	20.9	
29	6.3	3.6	4.8	4.8	7.1	8.8	8.1	7.6	8.0	5.3	2.6	1.1	-.5	.7	3.6	6.1	6.8	6.6	6.8	4.8	6.0	6.3	5.3	6.1	24	8.8	
30	6.8	6.3	6.3	7.5	6.3	7.5	10.6	11.1	11.6	17.8	5.1	5.9	4.9	2.0	-.2	2.2	3.6	7.3	10.4	9.9	12.6	21.8	21.5	24.0	24	24.0	
31	20.3	23.5	25.7	18.8	16.6	19.1	15.1	19.8	15.6	12.8	10.2	6.1	4.3	4.3	3.4	5.4	8.3	17.8	11.6	12.6	15.6	15.4	16.3	13.6	24	25.7	
NO.:	31	31	31	31	31	31	31	31	31	29	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	25.2	23.5	25.7	22.0	17.8	19.6	17.6	19.8	15.9	20.1	14.1	20.7	9.7	20.9	10.9	9.9	18.1	98.5	60.7	20.8	26.0	28.9	21.5	24.0			
AVG:	11.37	10.13	8.88	9.01	8.47	7.74	7.33	7.37	7.31	8.55	6.18	5.26	4.28	4.02	3.30	3.49	4.45	9.45	9.95	10.41	11.23	11.90	10.66	11.19			

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: 8.00 MONTHLY MAX: 98.5

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-183-0014 POC: 1
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS: ID2=509

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: 2.4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	17.2		9.3					10.6				
2						4.9	10.1				8.5	18.9
3		6.3		8.7	12.8				8.4	8.6		
4	7.0		4.3					8.2				
5						5.6	20.7				7.9	9.1
6		8.6		2.9	7.4				7.3	12.4		
7	12.4		7.1					5.2				
8						9.4	17.9				5.6	10.9
9		7.1		5.9	7.2				5.0	3.2		
10	7.2		6.4					7.0				
11						7.2	9.7				AJ	5.0
12		2.7		6.1	9.2				6.2	8.7		
13	3.3		9.8					12.2				
14						4.9	6.0				6.6	9.1
15		6.8		7.4	6.7				7.8	5.3		
16	8.5		10.0					14.0				
17						4.9	12.7				7.1	AN
18		10.0		5.9	6.0				3.6	7.2		4.7
19	5.5		13.0					9.8				
20						20.8	9.8				6.4	8.2
21		8.4		10.4	4.6				9.5	5.8		
22	9.0		8.2					10.4				
23						13.8	8.5				12.7	AB
24		9.7		5.0	10.9				5.2	12.7		
25	6.2		4.0					6.8				
26						6.1	15.0				11.1	5.2
27		8.6		11.7	4.3				10.6	4.8		
28	4.9		11.0					5.2				
29						16.7	9.2				14.6	4.7
30				15.3	6.2				8.7	3.7		
31	14.6		10.7					7.8				
NO.:	11	9	11	10	10	10	10	11	10	10	9	9
MAX:	17.2	10.0	13.0	15.3	12.8	20.8	20.7	14.0	10.6	12.7	14.6	18.9
MEAN:	8.71	7.58	8.53	7.93	7.53	9.43	11.96	8.84	7.23	7.24	8.94	8.42
ANNUAL OBSERVATIONS:		120		ANNUAL MEAN:	8.54	ANNUAL MAX:	20.8					

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-183-0014 POC: 3
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS: BAM SAMPLER TO BE OPERATED FOR 700 DAYS THEN REEVALUATED

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: 2.62

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JANUARY 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	24.2	39.4	44.2	37.2	29.6	28.0	30.6	27.0	39.9	21.5	15.0	7.2	5.2	4.8	4.5	3.8	6.0	6.7	6.5	6.5	7.5	9.1	8.5	6.2	24	44.2	
2	5.0	1.3	1.5	5.3	2.5	-1	.1	.6	3.3	4.0	.8	-1.3	-2.7	-1.1	1.0	.6	-.1	1.5	1.8	3.0	2.8	1.5	1.5	1.3	24	5.3	
3	.5	2.0	3.2	1.5	2.3	1.8	3.5	6.0	5.2	3.8	-.1	.0	2.3	1.3	-.3	-2.2	2.3	6.0	3.0	1.5	2.0	2.5	4.0	5.5	24	6.0	
4	4.3	4.5	6.5	8.9	6.7	3.3	7.2	10.4	11.6	10.6	7.0	2.8	-.1	.5	2.5	5.5	6.0	4.8	8.0	19.6	21.0	21.5	22.3	15.3	24	22.3	
5	12.8	19.4	22.0	13.6	15.7	11.3	12.8	13.3	13.1	13.8	9.1	6.5	8.2	8.5	8.2	6.2	5.5	7.0	8.6	15.5	20.1	18.7	26.7	22.0	24	26.7	
6	20.1	11.6	19.1	16.2	16.7	11.1	12.3	16.7	15.5	21.1	21.8	17.2	BA	3.5	5.0	5.3	3.0	4.0	6.7	9.4	12.3	17.4	15.9	16.2	23	21.8	
7	11.1	10.6	9.6	10.9	16.9	14.8	19.6	16.7	12.6	12.1	8.7	5.0	7.5	7.2	5.0	7.5	9.4	12.1	15.7	16.5	15.3	26.5	18.9	12.3	24	26.5	
8	21.5	12.8	20.3	13.3	12.8	10.6	7.7	9.9	10.8	8.7	8.2	6.5	3.8	5.5	7.0	6.7	7.0	6.5	4.8	3.8	7.0	6.3	6.3	8.7	24	21.5	
9	6.7	8.5	7.7	5.5	7.2	3.3	2.8	6.5	4.8	4.0	8.9	12.8	AX	10.9	8.2	7.2	8.7	9.9	10.9	10.6	10.8	17.4	15.0	17.2	23	17.4	
10	20.1	12.6	9.4	5.5	5.5	7.5	8.2	10.9	9.6	7.2	9.1	5.5	2.5	1.1	.8	3.3	5.5	7.5	10.4	12.8	15.5	14.1	10.8	9.1	24	20.1	
11	9.9	11.1	10.4	9.1	10.1	11.8	14.5	15.3	13.8	11.1	8.9	8.7	8.2	7.5	7.7	8.0	6.2	2.5	.1	1.8	3.5	2.8	.3	2.0	24	15.3	
12	5.0	6.2	7.5	7.7	5.7	5.3	6.2	3.5	4.8	6.5	5.0	1.0	-2.2	-1.5	1.3	1.3	.6	1.5	3.3	4.3	3.8	5.0	6.0	5.3	24	7.7	
13	4.5	6.7	5.7	4.3	1.8	-.3	.6	1.0	-.1	.1	4.3	3.0	4.3	4.8	3.3	3.0	1.5	4.8	5.7	5.7	8.0	8.0	7.0	3.3	24	8.0	
14	2.3	3.5	1.8	3.0	4.0	2.3	2.3	6.2	5.5	2.5	3.0	1.8	2.0	3.3	1.8	.8	2.3	4.0	6.2	8.2	15.0	14.3	13.6	16.2	24	16.2	
15	21.3	14.1	17.2	17.0	18.4	8.9	8.2	8.0	7.7	5.3	4.3	8.2	7.0	4.5	4.5	1.5	2.5	5.5	5.3	35.0	10.4	12.1	11.3	15.3	24	35.0	
16	8.9	8.5	9.4	11.1	14.8	9.1	11.3	15.5	11.6	12.1	11.1	7.5	5.5	3.8	3.0	5.0	6.0	7.9	9.6	8.4	10.6	10.8	6.0	5.7	24	15.5	
17	6.2	3.5	5.3	7.5	7.2	5.0	5.3	7.2	5.5	2.8	3.5	3.5	4.5	6.0	3.3	3.5	7.2	8.0	3.3	4.5	6.7	6.7	8.7	8.7	24	8.7	
18	6.7	6.7	8.5	6.2	3.0	4.8	5.7	2.5	1.3	4.5	6.2	3.0	2.5	3.3	BA	BA	2.6	3.3	4.6	5.1	6.2	8.0	6.0	2.3	22	8.5	
19	1.3	2.5	3.3	3.0	6.0	4.3	3.5	6.2	5.7	5.7	5.7	3.8	1.5	2.8	3.5	5.3	6.7	7.2	6.2	6.0	14.8	15.2	8.6	14.8	24	15.2	
20	9.9	10.6	12.3	12.3	18.4	14.1	13.8	20.3	15.0	18.2	12.1	11.1	BA	8.9	7.0	8.5	11.1	11.1	19.9	15.3	17.7	18.4	16.9	13.8	23	20.3	
21	18.7	14.3	13.8	17.9	16.2	12.3	10.8	7.2	4.8	5.0	4.8	4.3	3.8	7.2	7.7	4.5	6.2	7.2	8.5	8.5	7.0	3.8	4.3	8.0	24	18.7	
22	7.5	6.7	6.0	8.2	9.1	9.9	12.6	12.8	11.6	9.9	9.4	9.4	7.5	6.7	9.2	8.9	7.7	9.4	8.5	8.2	7.7	10.1	13.6	11.8	24	13.6	
23	16.7	16.0	17.9	15.3	19.6	16.7	16.4	20.3	21.8	12.1	25.0	23.3	19.1	25.8	15.3	19.1	18.7	21.1	20.1	26.2	24.5	24.5	20.6	19.2	24	26.2	
24	13.8	12.8	9.9	8.9	11.1	8.7	7.7	11.6	9.4	6.0	4.3	4.5	6.5	6.2	6.5	4.8	6.7	9.2	9.9	11.6	16.2	12.3	14.8	16.7	24	16.7	
25	10.6	9.1	9.4	8.7	6.7	4.5	2.8	7.2	8.0	4.5	3.0	1.0	.8	.8	-2.5	-1.5	2.0	4.5	4.5	4.0	5.5	5.3	14.5	15.0	24	15.0	
26	11.1	9.4	10.6	10.8	8.9	10.6	9.6	17.2	10.3	15.7	11.1	9.1	9.1	10.1	7.5	4.3	5.2	8.2	8.5	9.0	10.6	8.0	6.2	3.0	24	17.2	
27	-3.7	-.6	3.5	.3	2.3	6.2	6.0	1.5	1.0	2.8	1.8	5.0	4.7	1.0	-3.3	-3.0	-1.7	-2.0	-1.1	1.0	3.5	2.5	1.0	1.0	24	6.2	
28	3.5	4.3	5.5	5.2	1.3	1.8	5.0	7.5	7.7	3.5	1.8	1.8	2.3	3.3	4.3	2.3	.5	3.3	7.5	9.4	7.7	5.2	4.3	4.7	24	9.4	
29	2.8	4.0	5.5	4.0	3.3	2.5	1.3	2.3	3.0	3.3	5.0	-1.8	-4.5	-2.2	-1.8	1.0	-.3	-1.3	2.3	1.8	2.8	4.0	4.2	6.5	24	6.5	
30	4.5	4.3	5.5	5.5	6.2	4.5	5.7	8.5	8.7	7.2	3.3	2.5	2.5	2.8	2.8	2.0	3.5	2.8	2.3	6.7	8.9	8.7	14.8	13.1	24	14.8	
31	12.6	20.0	20.0	20.0	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	1.8	5.5	30.1	27.0	21.3	28.0	28.7	26.0	25.5	13	30.1	
NO.:	31	31	31	31	30	30	30	30	30	30	30	30	27	30	29	30	31	31	31	31	31	31	31	31	31		
MAX:	24.2	39.4	44.2	37.2	29.6	28.0	30.6	27.0	39.9	21.5	25.0	23.3	19.1	25.8	15.3	19.1	18.7	30.1	27.0	35.0	28.0	28.7	26.7	25.5			
AVG:	9.69	9.56	10.73	9.80	9.67	7.82	8.47	9.99	9.45	8.19	7.40	5.76	4.14	4.91	4.24	4.17	4.97	6.91	7.70	9.72	10.75	11.27	10.92	10.51			

MONTHLY OBSERVATIONS: 728 MONTHLY MEAN: 8.24 MONTHLY MAX: 44.2

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-183-0014 POC: 3
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS: BAM SAMPLER TO BE OPERATED FOR 700 DAYS THEN REEVALUATED

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: 2.62

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: FEBRUARY 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	26.2	22.0	19.6	20.8	23.0	18.2	15.7	19.1	14.3	12.1	10.6	11.8	10.6	AM	AM	13.3	14.5	8.0	16.7	30.9	28.0	23.0	23.5	18.4	22	30.9	
2	22.8	20.1	28.4	25.0	15.0	12.6	12.6	11.8	12.1	12.3	10.1	5.0	.1	.1	2.0	2.5	3.8	4.0	6.7	5.5	1.8	2.5	-.6	.5	24	28.4	
3	5.0	4.8	6.0	6.0	5.0	7.7	8.9	9.8	10.8	7.7	5.2	5.4	BA	1.8	1.3	.1	-1.1	4.8	5.7	5.0	5.7	6.0	8.9	11.3	23	11.3	
4	17.2	14.5	8.7	10.1	11.3	11.1	12.3	10.8	10.3	11.1	8.2	5.0	4.8	4.8	5.5	7.5	10.1	11.6	12.1	17.9	19.6	16.7	14.1	13.1	24	19.6	
5	11.1	10.6	9.6	8.7	6.0	3.0	1.5	-.1	.0	3.3	7.4	8.2	5.7	3.0	5.0	7.0	4.3	3.5	6.7	10.3	9.8	8.2	9.4	8.4	24	11.1	
6	9.9	11.3	9.9	8.0	7.7	10.3	12.1	11.3	16.4	9.6	9.4	8.0	4.3	2.3	6.0	9.6	9.1	9.6	8.9	3.8	2.5	7.0	8.9	8.0	24	16.4	
7	8.2	9.1	11.6	12.6	11.8	10.8	7.7	5.7	5.5	6.7	8.0	6.5	3.8	3.7	6.5	6.5	5.7	6.7	8.7	9.9	9.4	10.3	17.9	11.8	24	17.9	
8	12.3	12.8	11.8	10.6	10.4	10.1	10.6	10.8	11.1	14.5	11.1	6.5	5.5	15.0	7.0	7.0	6.2	7.0	16.7	13.1	18.7	15.5	16.4	19.6	24	19.6	
9	14.3	13.3	11.3	10.1	9.1	10.1	9.6	10.6	10.1	7.7	6.0	3.3	AX	1.5	2.3	1.8	2.0	6.2	7.0	7.7	10.1	10.6	9.8	11.6	23	14.3	
10	9.9	10.1	18.2	19.2	14.8	20.1	21.0	21.8	21.5	17.4	21.8	13.3	15.7	10.1	15.0	13.3	14.5	17.9	17.7	19.9	22.0	24.0	24.5	29.9	24	29.9	
11	35.0	28.0	29.9	25.7	21.8	28.9	29.9	27.2	22.0	15.0	6.5	4.5	-.1	.3	.8	-.3	-.6	1.3	3.3	2.8	2.0	-.6	-.6	3.0	24	35.0	
12	2.8	3.3	3.8	2.3	2.5	3.5	4.3	4.3	5.0	2.0	2.8	3.0	1.5	1.0	1.3	1.0	.5	3.8	1.8	1.3	5.5	6.5	7.5	8.9	24	8.9	
13	6.5	5.5	3.8	2.3	5.3	7.2	8.6	10.4	10.8	8.6	3.0	.3	2.0	3.5	5.0	4.0	3.5	5.5	7.2	15.2	9.1	10.9	11.8	20.3	24	20.3	
14	15.7	18.9	15.7	18.4	13.6	12.3	15.7	11.1	10.8	11.8	9.9	4.3	3.5	5.0	3.3	4.8	14.8	17.7	25.8	8.9	8.2	7.7	9.1	9.6	24	25.8	
15	8.9	8.5	10.1	11.6	15.0	11.6	12.8	13.3	9.9	5.0	1.5	1.0	2.0	.0	-2.5	-1.8	-.8	-.1	1.8	4.3	7.5	7.0	5.5	8.6	24	15.0	
16	8.9	7.2	5.0	6.7	10.4	14.8	14.3	14.1	14.1	8.9	4.7	5.5	6.7	4.0	4.3	6.7	4.5	5.3	6.7	10.1	10.4	8.4	9.6	11.3	24	14.8	
17	13.1	13.3	9.9	9.6	15.0	12.1	13.0	12.5	9.8	7.0	6.5	7.0	6.7	3.5	3.3	5.7	6.0	7.5	10.4	11.3	11.1	19.6	19.6	13.6	24	19.6	
18	13.3	11.1	9.4	8.7	6.7	5.5	6.5	7.9	6.7	8.9	12.1	7.0	6.2	5.5	3.5	7.2	7.5	4.3	7.5	12.1	11.8	15.3	18.4	15.5	24	18.4	
19	18.7	14.5	17.2	20.5	15.7	13.8	12.3	11.1	12.8	11.1	10.8	12.3	9.8	6.0	2.7	2.3	4.2	5.5	5.0	4.7	2.7	2.8	3.0	-1.5	24	20.5	
20	1.0	5.0	3.5	6.0	8.2	9.8	8.2	8.2	9.4	6.5	7.7	5.0	.3	4.3	6.5	3.5	3.5	2.8	3.5	7.2	10.4	12.1	19.8	14.1	24	19.8	
21	14.1	13.3	10.1	8.2	10.8	10.8	14.8	9.1	9.8	9.4	7.4	6.2	4.0	2.5	1.8	2.5	4.0	3.5	6.2	6.2	7.2	10.8	8.7	6.7	24	14.8	
22	15.0	4.5	7.2	8.4	9.4	13.1	11.1	10.6	10.1	10.8	11.6	7.2	6.5	AZ	AZ	AZ	6.2	8.4	24.0	34.5	5.2	8.7	10.3	19.9	21	34.5	
23	17.4	3.0	4.5	8.9	8.7	4.7	4.2	6.2	5.5	3.0	3.7	6.7	5.0	4.7	8.2	10.6	8.5	5.5	6.2	9.4	13.3	11.3	8.2	10.1	24	17.4	
24	13.6	11.1	10.1	12.1	11.1	8.9	10.6	12.3	11.1	9.9	10.6	10.6	10.8	10.1	7.5	3.7	1.5	3.5	6.7	4.5	1.3	.8	-.1	2.7	24	13.6	
25	5.2	1.8	1.8	-.1	.0	4.5	3.7	4.5	6.9	3.8	-1.6	-.8	1.3	.8	-1.1	-1.8	1.5	2.0	.8	1.8	1.8	3.0	3.7	2.5	24	6.9	
26	2.0	3.5	4.7	5.7	5.0	.8	4.0	7.5	6.5	4.7	3.3	2.8	4.0	5.0	3.0	1.5	1.5	3.3	6.5	8.7	8.9	10.1	11.1	9.6	24	11.1	
27	8.9	10.8	15.0	7.2	8.2	11.1	9.9	6.5	9.6	11.3	9.6	17.4	6.2	4.7	2.8	.8	3.0	7.0	7.9	10.8	10.3	8.4	9.6	9.1	24	17.4	
28	3.2	3.8	7.2	7.9	10.3	11.1	11.1	11.6	12.8	8.2	4.0	3.0	1.5	.3	1.5	5.0	4.5	3.0	5.0	6.5	6.7	7.2	8.7	10.4	24	12.8	
29	10.6	9.4	6.2	7.0	9.8	8.7	8.9	8.9	8.2	10.4	10.6	8.7	6.7	4.7	3.5	5.7	6.5	4.5	4.5	5.2	5.5	4.3	5.0	8.2	24	10.6	
30																										0	
31																										0	
NO.:	29	29	29	29	29	29	29	29	29	29	29	29	27	27	27	28	29	29	29	29	29	29	29	29	29		
MAX:	35.0	28.0	29.9	25.7	23.0	28.9	29.9	27.2	22.0	17.4	21.8	17.4	15.7	15.0	15.0	13.3	14.8	17.9	25.8	34.5	28.0	24.0	24.5	29.9			
AVG:	12.10	10.52	10.70	10.63	10.40	10.59	10.89	10.65	10.48	8.92	7.67	6.37	5.00	4.01	3.93	4.63	5.15	5.99	8.54	9.98	9.19	9.59	10.40	10.87			

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: 8.68 MONTHLY MAX: 35.0

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-183-0014 POC: 3
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS: BAM SAMPLER TO BE OPERATED FOR 700 DAYS THEN REEVALUATED

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: 2.62

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MARCH 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	8.9	10.1	7.4	6.2	8.7	7.2	6.7	6.2	7.5	7.7	6.0	5.2	4.0	3.7	3.8	2.0	1.8	3.0	4.5	6.0	4.5	3.3	7.0	10.1	24	10.1	
2	7.2	7.4	8.9	8.4	9.2	8.2	6.7	7.7	9.8	8.4	7.9	10.8	11.3	12.1	12.5	21.0	19.4	27.2	20.5	27.0	31.3	28.0	22.7	21.8	24	31.3	
3	8.4	8.2	2.8	2.8	7.0	4.0	.5	.3	-1.1	-1.1	.3	.8	.5	-3	1.3	2.8	5.5	4.5	2.5	6.7	9.8	9.2	8.2	8.5	24	9.8	
4	18.6	2.0	.5	1.0	.5	-3.0	-.8	.3	.5	2.2	3.2	1.8	2.2	5.2	4.7	1.8	1.8	3.2	1.0	.0	2.5	7.2	8.2	3.5	24	18.6	
5	1.5	5.7	8.9	6.7	.0	-1	3.0	3.2	4.0	5.0	5.2	4.5	1.8	1.8	2.5	.5	2.3	2.5	2.3	6.0	6.5	6.2	4.7	.0	24	8.9	
6	2.3	7.4	7.7	6.7	5.7	6.7	7.4	5.5	5.5	5.0	2.3	2.5	2.5	.5	2.5	3.2	1.0	1.8	4.2	5.5	8.7	17.2	13.1	11.8	24	17.2	
7	9.1	10.6	13.1	12.3	11.6	10.1	10.3	11.3	15.0	8.2	5.0	1.3	.5	1.0	.5	2.0	1.8	1.3	3.0	3.5	4.7	5.0	4.0	2.7	24	15.0	
8	4.2	3.5	1.0	2.5	3.2	3.7	4.0	6.5	8.7	6.7	4.2	3.5	1.3	-2.0	AX	1.0	2.3	3.5	8.9	7.7	4.7	-8	-1.7	.8	23	8.9	
9	.3	.5	3.8	5.2	5.0	7.0	6.5	5.7	3.2	2.0	2.5	.8	1.0	1.3	2.3	4.0	4.7	3.5	1.8	5.5	8.2	15.2	20.8	12.3	24	20.8	
10	7.9	6.0	6.2	3.2	1.3	5.0	10.3	7.2	5.2	6.0	3.7	2.0	3.7	1.5	-.6	1.5	3.0	3.7	6.5	6.7	5.0	8.2	9.3	8.4	24	10.3	
11	7.4	7.7	7.4	6.7	7.4	6.9	7.7	8.4	7.4	5.2	3.5	2.3	.3	1.5	3.5	3.0	.0	.1	3.5	7.9	10.3	9.6	7.2	8.4	24	10.3	
12	8.9	9.3	10.3	8.7	5.5	4.2	7.2	10.1	8.7	6.7	6.7	4.2	3.5	3.5	4.7	4.7	4.5	5.7	7.2	8.4	5.5	4.5	4.2	2.5	24	10.3	
13	.5	3.3	7.5	7.0	8.2	8.7	7.4	9.4	11.6	9.6	6.7	8.7	8.7	9.2	6.5	4.0	2.3	4.5	6.2	6.7	10.3	12.1	11.8	11.3	24	12.1	
14	9.8	9.6	11.3	12.1	10.1	7.9	8.2	11.8	10.6	4.7	4.3	5.5	2.5	2.5	7.2	8.7	6.7	4.5	5.7	15.7	10.8	12.3	12.8	12.8	24	15.7	
15	17.2	16.9	15.0	13.6	11.1	11.1	19.9	19.8	19.9	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	9	19.9
16	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	5.9	6.7	7.9	4.2	.0	.0	2.3	4.0	4.0	7.7	10.6	9.8	12	10.6	
17	5.5	3.7	7.9	8.2	5.5	5.7	6.0	4.0	5.0	4.0	1.8	4.0	5.7	2.5	4.0	6.2	5.7	7.7	9.7	10.3	8.9	8.2	7.0	6.0	24	10.3	
18	6.9	5.7	6.0	9.2	9.4	10.3	9.2	8.4	9.9	7.7	4.0	5.5	6.7	5.5	5.2	7.9	8.9	6.7	6.2	5.0	6.0	8.9	11.8	11.8	24	11.8	
19	14.8	13.5	12.6	12.8	12.1	12.1	12.8	10.6	15.9	15.2	10.8	8.7	8.9	7.2	2.5	3.0	4.3	5.5	5.4	8.2	12.8	14.0	13.3	15.7	24	15.9	
20	16.4	8.7	8.9	9.6	10.3	10.8	15.2	11.8	11.3	9.4	9.4	8.9	5.2	2.0	-.6	.3	3.0	4.0	6.5	9.9	9.6	9.7	8.9	5.9	24	16.4	
21	3.5	1.2	2.5	5.9	5.0	5.0	6.2	6.4	7.2	3.7	1.7	6.0	9.6	11.3	11.8	9.3	6.9	6.7	7.0	5.9	6.4	6.7	6.7	9.4	24	11.8	
22	6.9	5.7	7.2	8.2	9.4	8.9	8.2	6.0	8.7	8.2	4.7	3.0	1.8	2.0	2.7	4.2	5.2	4.2	5.2	6.9	7.4	7.2	2.7	2.3	24	9.4	
23	3.2	2.7	4.5	4.2	4.7	3.2	6.0	11.3	14.7	9.2	7.2	7.7	8.4	5.0	5.2	6.0	5.9	8.9	10.4	15.9	10.8	9.2	9.6	8.9	24	15.9	
24	7.4	7.2	2.7	.8	5.2	6.9	4.2	3.5	3.5	3.0	2.7	3.7	6.7	5.2	5.5	6.7	5.7	4.5	1.5	2.5	2.0	-.1	-.1	.0	24	7.4	
25	-.6	2.5	4.5	3.7	6.0	5.0	1.2	2.2	4.2	4.7	3.5	.8	.3	-.4	-.4	2.2	1.8	1.2	1.5	-.8	1.0	2.7	2.2	2.5	24	6.0	
26	1.2	2.0	2.3	5.7	9.9	10.3	12.8	9.6	5.5	3.7	2.7	5.0	4.2	5.2	6.2	6.9	5.7	2.3	5.0	5.5	5.5	5.7	.3	.0	24	12.8	
27	4.0	4.5	6.2	2.7	1.3	6.2	4.5	2.2	4.5	2.5	.3	-.4	.3	.0	.7	4.0	2.5	1.7	1.5	.5	4.0	8.9	5.9	5.7	24	8.9	
28	7.9	4.5	5.0	4.5	2.5	3.2	6.9	8.4	7.0	6.9	6.4	6.4	8.9	9.2	9.9	13.3	13.3	14.5	12.5	18.6	17.9	17.9	20.3	19.4	24	20.3	
29	16.9	13.5	18.6	15.7	20.1	21.8	20.6	19.6	20.8	12.8	9.9	5.7	3.5	1.5	.0	1.8	.8	-2.8	-1.5	1.8	5.5	5.2	6.0	8.9	24	21.8	
30	8.2	7.2	6.9	5.7	5.0	5.2	6.4	8.2	7.7	5.0	1.5	1.0	3.2	7.4	5.7	4.5	7.7	15.2	12.3	12.3	9.4	8.7	10.3	11.3	24	15.2	
31	15.4	12.8	17.9	20.1	12.8	12.1	12.8	13.5	12.0	11.1	9.2	6.5	3.0	1.5	3.5	3.7	4.5	5.5	7.4	11.3	9.4	7.7	8.2	6.9	24	20.1	
NO.:	30	30	30	30	30	30	30	30	30	29	29	29	30	30	29	30	30	30	30	30	30	30	30	30	30		
MAX:	18.6	16.9	18.6	20.1	20.1	21.8	20.6	19.8	20.8	15.2	10.8	10.8	11.3	12.1	12.5	21.0	19.4	27.2	20.5	27.0	31.3	28.0	22.7	21.8			
AVG:	7.66	6.79	7.52	7.34	7.12	7.14	7.93	7.97	8.51	6.32	4.73	4.36	4.20	3.78	4.18	4.81	4.63	5.16	5.69	7.70	8.11	8.85	8.53	7.98			

MONTHLY OBSERVATIONS: 716 MONTHLY MEAN: 6.55 MONTHLY MAX: 31.3

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-183-0014 POC: 3
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS: BAM SAMPLER TO BE OPERATED FOR 700 DAYS THEN REEVALUATED

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: 2.62

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	7.2	10.1	11.8	7.4	5.5	7.2	10.3	11.1	11.1	11.8	8.7	7.7	9.4	5.9	3.2	5.7	4.5	5.2	7.7	9.2	8.7	6.7	8.4	10.3	24	11.8	
2	9.7	9.2	10.6	12.3	12.5	9.7	6.5	6.0	6.4	4.7	4.2	6.2	6.0	3.7	1.3	.3	2.8	3.2	3.5	5.2	5.0	4.0	3.7	3.7	24	12.5	
3	5.2	6.4	4.7	6.2	4.5	5.2	8.2	6.9	10.6	8.9	5.0	5.0	2.4	AX	2.5	6.7	4.0	4.7	14.5	14.5	12.5	10.6	7.1	8.4	23	14.5	
4	11.9	11.8	15.0	14.3	13.5	15.7	8.4	6.9	6.0	7.7	7.0	6.7	8.9	7.6	8.4	12.4	12.1	8.9	9.6	11.1	8.7	6.9	6.5	6.9	24	15.7	
5	8.9	8.2	6.5	9.2	7.9	6.2	9.1	7.9	4.8	5.5	6.2	5.0	5.0	5.0	5.7	4.7	1.5	1.5	4.0	3.8	3.7	3.2	1.8	.5	24	9.2	
6	2.3	5.7	2.7	-.3	.3	5.5	6.0	4.0	5.2	4.5	3.2	3.7	3.2	1.7	3.0	2.2	1.5	-.4	-1.5	-.1	1.2	4.0	3.2	2.0	24	6.0	
7	1.0	3.2	8.2	6.7	2.5	.8	1.3	2.5	2.2	.8	1.5	2.0	1.3	.5	.8	-.3	-1.1	1.8	1.0	1.8	5.9	9.8	9.8	AN	23	9.8	
8	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
9	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	6.7	.0	-1.1	1.5	2.2	1.8	3.0	2.0	2.3	4.2	5.2	4.0	6.5	9.2	5.7	15	9.2
10	7.7	11.1	9.6	8.9	7.2	8.2	9.6	8.0	10.1	9.6	3.7	1.3	1.3	3.2	3.7	3.2	6.2	6.2	3.7	5.0	5.5	6.5	6.2	5.0	24	11.1	
11	3.5	5.0	7.4	6.7	8.4	9.1	6.2	5.5	2.8	2.7	4.0	1.8	2.0	.5	2.0	2.2	2.3	6.2	6.7	7.7	8.7	7.7	3.5	3.0	24	9.1	
12	5.9	7.2	8.4	7.2	5.7	6.2	6.7	5.5	5.7	6.7	6.7	6.2	4.5	5.0	3.8	2.7	3.5	2.8	.0	2.8	8.9	9.6	10.1	11.3	24	11.3	
13	8.9	5.2	7.4	8.2	7.2	7.9	9.4	12.6	11.3	9.8	9.1	5.5	4.3	5.5	5.2	5.5	6.2	4.0	4.0	8.7	10.1	8.9	14.5	11.8	24	14.5	
14	11.3	10.3	15.2	16.4	7.2	15.0	9.3	16.2	9.3	7.5	8.2	8.9	7.4	8.4	7.7	9.6	15.7	17.7	9.8	22.0	11.6	15.7	5.7	5.7	24	22.0	
15	6.5	6.2	6.5	8.2	10.8	9.8	9.6	11.3	10.6	9.6	8.7	7.0	9.4	12.1	10.6	10.8	11.3	8.9	9.4	11.1	15.9	9.4	9.4	9.8	24	15.9	
16	9.2	8.2	8.7	8.2	8.2	9.6	6.7	4.7	6.2	6.2	7.4	6.7	6.0	4.3	6.9	11.1	8.7	6.0	7.0	9.7	11.8	10.1	9.2	9.7	24	11.8	
17	6.7	6.7	9.9	9.8	9.2	14.8	15.7	10.3	9.6	6.2	3.8	3.2	5.5	5.0	4.3	8.2	7.9	5.0	8.0	13.1	8.7	3.0	5.7	7.9	24	15.7	
18	8.7	7.9	5.5	7.4	9.7	7.2	2.5	3.3	4.3	5.5	6.2	2.3	3.2	4.3	5.5	8.9	AM	AM	7.0	9.4	9.4	6.5	5.7	5.0	22	9.7	
19	3.8	4.0	5.5	5.0	4.3	7.2	9.4	10.3	12.6	13.3	8.7	3.8	5.5	8.4	10.1	10.1	7.2	6.5	6.5	6.5	8.4	7.2	6.7	9.4	24	13.3	
20	9.4	10.8	11.3	9.8	9.2	8.4	10.1	12.8	10.3	8.9	9.8	8.7	8.4	9.6	9.6	8.2	7.7	14.5	8.2	9.2	12.1	9.8	14.8	8.2	24	14.8	
21	10.6	12.6	12.8	10.8	9.8	12.1	11.3	11.5	12.8	12.5	13.0	11.8	14.7	11.3	8.7	5.5	4.0	4.5	6.0	7.2	6.2	5.5	6.7	4.7	24	14.7	
22	2.5	1.0	1.3	5.2	4.7	-.4	-3.0	-2.0	-1.5	-1.1	.5	.5	-2.0	-1.8	1.0	.0	-.1	-.8	-1.1	1.3	1.3	-3.3	-4.0	-.1	24	5.2	
23	2.7	1.3	2.7	6.7	4.7	2.5	3.5	1.0	2.0	5.0	.5	-.4	1.8	1.0	.0	.8	3.5	3.2	3.2	8.2	6.0	7.2	7.9	1.3	24	8.2	
24	2.7	5.5	2.5	4.0	6.2	1.8	.3	5.7	4.7	2.0	1.0	-1.6	1.0	1.3	-.1	1.0	2.0	3.7	5.5	5.7	6.5	5.0	8.2	7.4	24	8.2	
25	3.7	6.7	9.6	9.1	6.0	6.9	7.4	5.7	7.0	6.5	5.2	4.0	2.8	1.8	1.0	.3	1.0	3.2	7.7	9.4	9.2	8.7	8.4	9.2	24	9.6	
26	7.4	9.4	9.8	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	3	9.8
27	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
28	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
29	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
30	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
31																										0	
NO.:	24	24	24	23	23	23	23	23	23	24	24	24	24	23	24	24	23	23	24	24	24	24	24	23			
MAX:	11.9	12.6	15.2	16.4	13.5	15.7	15.7	16.2	12.8	13.3	13.0	11.8	14.7	12.1	10.6	12.4	15.7	17.7	14.5	22.0	15.9	15.7	14.8	11.8			
AVG:	6.56	7.24	8.07	8.15	7.18	7.68	7.15	7.29	7.13	6.73	5.51	4.37	4.73	4.63	4.45	5.12	4.97	5.17	5.61	7.82	7.92	7.05	7.02	6.38			

MONTHLY OBSERVATIONS: 566 MONTHLY MEAN: 6.41 MONTHLY MAX: 22.0

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-183-0014 POC: 3
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS: BAM SAMPLER TO BE OPERATED FOR 700 DAYS THEN REEVALUATED

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: 2.62

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	17.6	13.9	16.4	8.4	7.1	3.7	5.7	12.0	12.7	11.7	10.6	6.6	4.5	6.6	10.6	9.9	7.6	9.1	21.5	5.4	7.6	16.1	7.7	9.1	24	21.5
2	8.9	5.2	3.5	4.9	8.9	7.6	4.2	5.9	7.1	7.4	8.4	8.6	9.4	8.9	16.1	16.1	5.9	6.4	15.2	17.3	16.6	17.6	22.0	20.3	24	22.0
3	21.3	23.2	20.8	11.2	10.3	10.3	11.7	9.6	9.4	12.4	12.9	10.3	7.6	7.1	4.7	5.9	11.0	11.9	8.1	6.6	10.5	11.7	11.7	10.5	24	23.2
4	9.1	11.0	11.7	11.9	10.3	8.1	26.0	21.5	12.9	11.2	AQ	13.9	10.3	7.4	9.6	10.3	7.9	8.6	8.9	9.6	10.8	9.4	11.0	10.5	23	26.0
5	15.1	12.4	11.2	9.1	10.5	10.5	9.4	7.1	5.2	2.7	2.0	6.4	6.8	6.1	AX	7.4	7.1	8.6	6.4	5.9	5.4	.5	1.0	5.4	23	15.1
6	9.1	11.2	15.9	17.1	12.4	11.5	8.9	3.7	.7	4.4	6.9	5.4	5.9	5.6	2.7	1.0	3.4	3.7	3.2	3.2	.0	3.9	5.4	2.7	24	17.1
7	3.2	2.7	3.7	4.1	5.1	3.4	2.2	6.1	5.9	6.3	9.8	11.0	11.4	9.8	5.1	5.4	6.8	5.4	5.6	5.9	5.1	4.6	4.7	3.4	24	11.4
8	3.2	5.4	6.9	5.4	4.7	1.7	2.7	8.1	10.3	7.9	5.4	3.7	1.2	4.2	7.3	7.6	5.4	5.1	8.9	11.2	8.6	5.6	7.4	7.6	24	11.2
9	3.9	2.4	2.9	5.9	4.7	2.7	4.7	5.4	6.9	5.9	BA	BA	8.4	8.4	5.9	5.9	7.9	6.9	8.1	10.6	8.9	6.1	7.9	8.8	22	10.6
10	6.9	7.4	9.4	11.3	11.1	8.9	7.6	7.4	6.9	4.4	1.0	3.5	7.6	5.9	BA	4.5	5.2	7.7	4.5	4.0	9.4	9.2	7.7	7.9	23	11.3
11	9.4	9.4	8.9	8.9	7.2	9.2	11.6	8.2	6.2	7.9	AZ	9.9	10.4	5.7	4.0	4.0	2.6	4.0	4.3	4.7	7.4	8.4	8.7	10.7	23	11.6
12	12.4	16.7	14.5	12.6	11.9	11.2	9.5	10.0	8.7	10.2	12.1	7.0	5.8	7.0	5.8	6.5	8.0	9.2	10.0	9.2	10.7	12.6	9.7	10.9	24	16.7
13	10.9	9.7	10.4	16.5	10.7	12.9	12.6	10.9	9.0	9.0	9.2	5.5	5.0	5.8	7.0	7.2	6.5	5.3	6.0	4.8	5.6	7.0	5.1	5.8	24	16.5
14	2.6	.0	1.4	5.1	5.8	5.5	8.5	8.5	8.8	9.0	43.4	7.3	6.3	6.8	4.6	3.9	5.8	4.6	4.8	3.1	-1.4	-2.6	3.1	4.3	24	43.4
15	2.6	3.4	5.6	7.0	3.1	3.1	5.3	6.0	6.8	9.0	38.3	7.3	5.3	5.6	9.0	10.5	9.1	8.6	8.0	4.1	4.6	7.3	6.1	6.6	24	38.3
16	6.8	5.8	6.1	5.8	6.1	7.8	10.3	12.0	11.2	8.8	8.8	7.1	2.2	5.8	6.3	3.7	7.6	6.6	7.1	6.8	3.4	5.6	11.2	8.3	24	12.0
17	2.7	2.7	2.9	5.8	11.5	11.5	8.6	11.3	16.5	21.2	10.5	AX	AX	11.3	12.0	10.8	7.1	8.6	20.8	16.3	16.1	12.7	11.5	9.3	22	21.2
18	10.5	12.5	9.8	5.4	5.6	8.1	7.3	3.7	4.6	6.6	1.7	1.0	2.9	3.9	1.2	.0	5.1	6.1	4.2	2.4	4.2	6.8	5.4	5.4	24	12.5
19	10.3	12.0	8.8	6.9	7.4	6.6	6.4	6.1	2.2	.7	1.9	2.7	2.9	2.0	2.0	6.4	8.3	5.4	4.4	2.5	5.4	8.1	6.4	9.3	24	12.0
20	11.8	10.1	7.9	10.3	10.1	9.4	11.0	7.6	5.4	5.6	4.9	3.5	3.2	2.2	1.7	2.7	3.7	5.4	1.7	1.2	4.7	20.0	-1.5	1.2	24	20.0
21	1.7	-1.8	-3.3	-1.3	1.0	2.5	3.5	5.6	7.6	4.9	3.5	6.2	4.2	1.0	1.5	2.5	3.5	1.3	2.0	7.4	5.2	3.2	6.6	7.6	24	7.6
22	5.2	3.2	4.2	4.9	5.6	3.7	6.6	9.1	6.4	9.1	9.4	7.6	7.4	7.6	7.4	8.4	8.9	8.4	9.1	8.3	8.6	10.4	12.0	13.0	24	13.0
23	11.5	11.3	12.3	17.6	7.6	10.6	13.7	12.3	12.8	10.8	5.4	3.5	3.0	1.7	2.5	5.9	9.9	13.5	11.8	9.9	10.8	10.8	11.3	11.6	24	17.6
24	12.0	8.9	4.0	6.6	10.8	10.1	6.1	7.6	8.4	7.9	8.9	11.3	12.0	11.1	10.6	16.8	13.3	13.5	11.1	6.4	6.9	8.1	7.1	8.6	24	16.8
25	9.9	10.1	7.9	8.6	10.6	11.3	11.5	4.9	3.0	BA	5.7	4.9	3.2	5.4	7.1	6.6	7.6	7.1	8.9	9.4	4.9	2.0	2.2	3.5	23	11.5
26	4.2	-1.3	.3	3.0	-2.3	-1.0	2.2	5.7	6.7	2.7	2.0	1.8	2.8	5.7	3.3	1.5	4.2	3.2	4.0	7.9	6.2	2.0	3.2	6.1	24	7.9
27	2.7	.3	.0	1.5	2.5	3.5	4.9	5.7	5.9	5.2	5.0	6.9	5.9	2.7	3.3	4.5	3.5	1.8	.5	-1.8	-1.3	-1.3	.3	3.5	24	6.9
28	.3	-1.0	2.5	2.5	4.7	8.4	7.6	7.9	6.9	5.7	7.4	5.9	3.0	2.7	4.7	7.6	8.1	5.7	5.4	7.1	5.7	4.5	4.2	1.8	24	8.4
29	1.5	4.7	4.7	3.7	1.5	2.0	5.4	2.2	2.2	4.7	5.0	5.7	7.2	10.1	9.4	6.2	1.5	-.1	3.0	3.3	3.5	5.4	3.7	2.7	24	10.1
30	4.2	4.0	-1.5	-4.0	.8	4.0	4.2	4.2	3.5	3.2	3.0	4.2	4.9	4.0	5.4	4.2	3.0	3.5	5.0	6.4	5.7	6.2	7.1	8.1	24	8.1
31	9.6	10.4	7.9	6.6	7.6	10.6	11.3	8.4	7.4	6.9	8.9	9.6	9.9	10.4	8.9	8.9	7.9	7.1	20.8	7.4	4.7	5.4	11.3	11.3	24	20.8
NO.:	31	31	31	31	31	31	31	31	31	30	28	29	30	31	29	31	31	31	31	31	31	31	31	31	31	
MAX:	21.3	23.2	20.8	17.6	12.4	12.9	26.0	21.5	16.5	21.2	43.4	13.9	12.0	11.3	16.1	16.8	13.3	13.5	21.5	17.3	16.6	20.0	22.0	20.3		
AVG:	7.78	7.29	7.02	7.20	6.93	7.08	8.10	7.89	7.36	7.45	9.00	6.49	6.02	6.08	6.20	6.54	6.56	6.52	7.85	6.66	6.60	7.33	7.14	7.61		

MONTHLY OBSERVATIONS: 735 MONTHLY MEAN: 7.11 MONTHLY MAX: 43.4

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-183-0014 POC: 3
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS: BAM SAMPLER TO BE OPERATED FOR 700 DAYS THEN REEVALUATED

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: 2.62

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	7.9	8.4	5.7	3.0	4.4	5.2	5.9	6.9	7.6	6.9	6.9	5.9	7.9	7.6	7.4	12.0	12.3	9.6	8.6	9.9	9.4	6.2	2.0	.0	24	12.3		
2	2.0	3.7	.8	.5	2.8	4.0	6.7	4.4	1.0	4.7	6.4	3.0	4.9	6.9	8.1	8.1	6.6	5.0	6.2	8.1	5.4	5.4	7.9	9.1	24	9.1		
3	9.6	11.3	9.4	8.4	11.1	10.8	8.4	6.9	5.7	5.2	6.9	7.4	6.4	5.7	7.2	6.7	7.1	6.9	5.4	7.9	8.1	10.4	13.0	12.3	24	13.0		
4	13.3	13.0	13.3	13.2	10.1	15.9	14.9	14.7	11.6	8.9	8.6	8.1	7.4	8.4	6.4	5.9	11.6	8.4	5.4	9.9	8.9	9.4	11.5	10.8	24	15.9		
5	9.4	8.1	7.4	8.6	6.9	5.7	9.1	9.9	6.6	5.2	8.1	6.9	4.5	BA	2.2	1.0	5.2	6.4	4.0	.8	-2.7	-1.0	.0	.5	23	9.9		
6	4.2	5.4	2.2	3.2	1.3	.5	3.7	1.3	2.5	9.1	7.6	2.7	1.5	3.2	4.0	3.3	4.7	5.4	4.7	1.0	4.2	6.2	5.7	7.1	24	9.1		
7	8.6	8.9	6.1	5.4	6.9	8.1	9.4	7.6	2.0	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	9	9.4	
8	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	0	
9	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	0	
10	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	AT	0	
11	AT	AT	AT	AT	AT	AT	AT	29.5	11.1	BA	6.9	6.2	7.9	6.9	19.1	9.4	5.7	2.3	4.5	4.7	3.0	1.8	1.0	2.3	16	29.5		
12	2.8	-.8	-1.2	3.5	4.5	2.5	2.0	2.5	4.0	6.2	8.1	5.9	5.0	6.7	6.9	5.9	6.7	8.1	3.7	.8	1.8	7.9	7.6	2.2	24	8.1		
13	-.1	.8	6.2	4.7	2.0	2.2	2.5	4.5	6.9	8.9	9.4	15.4	17.9	6.7	7.9	16.6	12.5	13.3	11.6	10.6	10.4	8.1	9.6	9.6	24	17.9		
14	7.9	7.4	8.6	9.6	9.1	7.1	5.0	6.4	6.4	6.6	8.1	8.9	6.4	5.9	8.1	4.7	4.0	5.2	4.7	4.9	6.4	3.3	1.3	5.2	24	9.6		
15	6.2	5.9	6.6	7.4	6.2	4.9	6.4	5.9	6.4	7.6	6.7	4.5	AX	7.4	8.9	3.5	4.5	5.4	4.5	7.6	10.1	6.6	4.7	5.4	23	10.1		
16	4.7	2.7	3.0	8.1	7.9	6.9	7.9	6.7	6.9	5.7	4.2	4.2	4.7	5.7	7.1	4.7	4.0	6.4	8.9	8.4	5.7	6.6	8.1	9.1	24	9.1		
17	8.4	9.7	9.2	6.6	8.6	8.1	8.9	9.4	4.2	5.9	7.4	4.5	4.5	2.8	.8	2.8	3.3	2.5	3.5	4.7	4.0	3.0	5.4	5.2	24	9.7		
18	5.9	11.3	10.1	7.9	9.1	9.1	18.1	34.0	23.2	13.3	8.9	7.9	10.9	9.4	8.4	16.2	13.5	12.0	12.5	15.9	12.1	17.9	24.0	18.1	24	34.0		
19	23.2	21.0	19.8	16.6	23.9	26.4	19.8	21.6	14.9	17.1	14.7	22.0	15.2	14.2	13.0	12.8	23.5	14.5	14.7	16.9	10.6	22.5	19.6	19.3	24	26.4		
20	17.6	19.6	16.6	24.5	27.4	21.8	28.8	23.0	16.4	24.5	14.7	24.0	22.0	23.7	24.0	16.6	19.8	20.3	17.1	19.8	19.1	27.4	23.5	23.0	24	28.8		
21	25.7	20.6	25.7	28.8	25.2	26.4	24.7	18.8	22.2	15.2	BA	20.0	27.9	26.2	24.4	21.0	16.4	17.9	15.9	19.1	18.4	23.8	16.2	27.7	23	28.8		
22	20.8	23.8	23.3	19.1	16.2	10.4	18.1	20.1	15.9	23.5	19.3	17.6	14.4	13.7	14.0	14.5	17.1	4.5	4.7	6.4	7.4	9.9	12.8	10.7	24	23.8		
23	7.9	7.2	6.9	7.7	9.9	12.1	15.7	13.8	12.8	8.7	17.4	13.5	13.0	12.8	16.6	15.7	13.5	14.2	18.1	14.7	21.3	27.2	25.2	14.0	24	27.2		
24	13.3	12.6	11.6	7.7	8.4	8.4	5.0	7.4	9.2	10.9	9.4	6.2	8.4	12.5	12.1	9.6	8.6	7.1	8.4	9.2	8.2	11.4	9.9	8.4	24	13.3		
25	9.4	6.7	6.2	5.9	7.7	8.6	16.9	7.9	9.2	10.6	7.2	5.4	7.1	15.6	10.6	17.8	13.7	13.5	15.4	12.5	18.3	20.1	18.4	16.9	24	20.1		
26	14.2	18.9	9.4	10.6	11.3	5.9	2.2	3.0	4.2	7.6	5.9	3.7	2.0	1.3	2.2	3.7	6.4	6.2	5.2	3.7	4.0	6.9	8.9	6.4	24	18.9		
27	7.6	10.8	9.9	7.9	7.1	7.4	5.4	6.6	7.6	7.9	10.6	8.1	4.4	4.7	5.9	5.6	5.9	7.1	6.6	7.4	7.4	7.4	10.6	13.2	24	13.2		
28	13.2	12.5	12.8	10.6	8.9	9.6	10.6	10.4	12.3	13.7	12.0	9.6	8.9	11.5	8.9	3.2	3.5	5.2	7.1	10.3	12.5	11.3	9.9	16.6	24	16.6		
29	17.1	19.1	20.3	22.7	10.8	18.1	19.4	17.1	10.4	12.3	16.8	20.0	19.6	16.6	20.3	23.7	21.5	19.6	18.8	17.8	17.1	22.0	24.4	7.9	24	24.4		
30	6.7	5.9	7.6	9.1	9.6	8.6	15.4	7.2	9.4	11.1	10.6	18.9	15.2	11.8	18.6	16.1	19.1	22.5	20.5	24.0	19.6	23.0	21.5	16.9	24	24.0		
31																										0		
NO.:	26	26	26	26	26	26	26	27	27	25	25	26	25	25	26	26	26	26	26	26	26	26	26	26	26			
MAX:	25.7	23.8	25.7	28.8	27.4	26.4	28.8	34.0	23.2	24.5	19.3	24.0	27.9	26.2	24.4	23.7	23.5	22.5	20.5	24.0	21.3	27.4	25.2	27.7				
AVG:	10.29	10.56	9.90	10.05	9.90	9.80	11.19	11.39	9.28	10.29	9.71	10.02	9.92	9.92	10.50	10.04	10.41	9.60	9.26	9.88	9.64	11.72	11.64	10.69				

MONTHLY OBSERVATIONS: 622 MONTHLY MEAN: 10.24 MONTHLY MAX: 34.0

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-183-0014 POC: 3
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS: BAM SAMPLER TO BE OPERATED FOR 700 DAYS THEN REEVALUATED

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: 2.62

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/V5
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	11.8	18.6	18.4	23.0	14.9	21.0	24.4	27.1	40.3	30.3	37.1	35.2	28.1	26.2	26.4	22.2	24.9	30.6	21.3	21.5	15.2	20.5	18.3	22.3	24	40.3	
2	12.0	12.5	13.5	11.5	8.9	6.4	5.2	6.4	5.9	4.9	7.1	10.9	9.9	8.9	11.1	11.8	11.3	11.3	12.3	17.6	10.6	12.3	16.1	15.4	24	17.6	
3	18.6	18.1	13.0	13.7	15.4	13.0	16.6	22.5	20.8	15.9	17.1	12.5	12.0	16.6	19.1	13.0	17.1	19.8	22.7	15.6	16.8	13.2	20.8	15.1	24	22.7	
4	19.5	22.9	17.8	20.5	18.5	21.0	16.1	19.8	13.7	18.3	12.7	12.2	18.8	21.9	20.8	10.5	10.3	19.8	15.1	28.1	23.9	26.6	54.2	48.0	24	54.2	
5	52.4	50.7	44.2	33.9	28.3	27.6	24.1	21.7	24.9	21.2	20.0	28.1	22.4	23.4	26.1	25.1	19.3	20.3	19.0	13.2	21.2	16.3	15.6	15.1	24	52.4	
6	16.6	15.4	13.2	12.9	17.3	19.8	17.8	17.0	16.3	18.5	18.0	16.8	20.7	21.4	24.4	26.6	AV	13.0	13.0	17.3	21.5	20.0	22.7	24.1	23	26.6	
7	17.5	17.3	19.0	20.5	16.5	15.8	18.5	19.7	16.6	20.0	22.7	20.0	13.7	15.8	13.9	15.8	20.7	16.8	18.5	25.3	19.5	22.2	20.5	23.4	24	25.3	
8	24.6	25.6	18.3	22.7	26.1	28.5	24.9	23.6	22.7	20.2	14.2	17.5	20.0	23.6	16.3	16.3	18.8	16.5	19.3	23.4	23.6	19.5	16.1	26.1	24	28.5	
9	25.1	17.5	18.8	22.4	23.6	22.2	22.7	18.0	16.3	15.3	17.8	18.0	13.4	21.9	18.8	17.3	14.1	11.0	22.2	12.7	10.8	3.7	.5	2.4	24	25.1	
10	3.9	4.4	4.6	2.9	3.7	5.4	8.3	13.4	13.7	12.9	13.2	13.2	12.5	12.0	12.5	13.9	11.5	11.2	13.7	10.6	7.3	9.3	9.1	8.3	24	13.9	
11	11.0	11.7	8.1	6.6	7.5	6.3	8.6	10.3	15.1	13.4	13.7	11.7	9.8	10.8	11.5	9.8	4.9	5.1	7.5	7.3	8.5	10.3	11.7	11.0	24	15.1	
12	9.0	10.8	9.3	7.6	9.8	9.3	9.0	6.8	7.8	12.2	9.5	7.1	8.8	10.0	9.0	6.6	10.0	11.7	8.8	7.3	8.0	5.8	3.4	4.3	24	12.2	
13	2.9	5.1	6.3	4.6	4.8	4.8	3.6	AX	AX	8.0	10.5	9.3	5.1	4.8	7.3	9.3	7.0	-4	.7	1.9	1.9	4.1	5.3	3.6	22	10.5	
14	3.4	5.3	5.3	6.1	6.1	8.6	12.0	10.3	6.1	6.8	8.8	8.0	8.0	6.1	5.8	6.8	5.8	5.1	16.0	10.0	8.5	8.3	8.0	6.3	24	16.0	
15	5.8	6.3	6.3	5.1	7.0	6.3	5.8	4.6	2.1	3.9	6.3	7.3	5.8	6.1	7.5	8.8	6.8	3.6	1.2	1.2	5.6	6.8	5.1	1.9	24	8.8	
16	1.9	5.1	3.4	3.9	2.1	4.1	7.3	8.0	9.3	6.1	7.1	8.5	6.8	8.0	9.0	5.1	6.3	11.2	11.9	10.7	7.3	5.3	8.5	10.8	24	11.9	
17	8.0	9.0	10.3	11.2	9.8	7.1	9.3	9.0	9.5	16.8	15.8	15.3	21.6	19.5	20.5	14.8	14.6	16.5	19.2	17.0	18.5	18.2	16.5	12.4	24	21.6	
18	15.6	14.3	12.4	11.5	9.0	15.3	12.9	13.2	13.6	16.0	16.0	22.9	19.0	21.9	17.0	15.0	12.9	11.5	21.9	15.8	9.5	11.5	13.4	13.6	24	22.9	
19	13.2	12.7	12.9	12.2	11.7	19.5	16.8	11.7	10.3	6.8	6.8	11.2	13.4	13.2	9.3	7.3	8.3	8.3	9.1	5.8	3.9	6.8	9.0	7.5	24	19.5	
20	6.8	8.5	8.5	8.3	9.0	10.0	10.0	9.8	15.3	15.3	17.0	19.7	12.7	16.8	12.7	15.6	12.0	11.0	9.3	6.1	7.0	11.3	11.9	9.0	24	19.7	
21	5.6	6.3	9.3	9.5	9.8	12.9	14.6	20.7	20.7	27.1	22.2	22.4	24.1	21.4	11.5	16.5	15.3	15.1	11.9	9.5	9.3	5.8	4.1	6.8	24	27.1	
22	6.3	3.6	3.1	5.6	7.0	6.8	7.0	7.0	5.8	16.7	9.3	7.3	3.6	1.2	.4	4.3	7.0	9.0	10.0	7.5	6.3	5.8	7.3	9.0	24	16.7	
23	11.0	7.8	8.0	11.9	11.0	11.0	11.0	12.4	13.9	15.5	4.1	8.5	11.4	10.2	15.3	12.7	12.4	13.4	11.2	4.8	3.9	7.5	10.3	11.0	24	15.5	
24	11.0	10.0	8.3	6.8	6.3	8.8	10.5	12.2	12.4	11.2	12.4	13.6	13.9	12.9	19.7	13.1	10.0	8.5	10.7	10.0	8.0	7.5	7.0	7.0	24	19.7	
25	7.5	6.8	7.0	9.0	8.5	5.6	5.6	5.6	4.6	6.5	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	10	9.0	
26	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
27	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
28	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
29	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
30	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	13.6	12.7	11.7	12.2	12.4	9.3	4.1	2.4	4.6	3.6	4.6	6.3	3.6	2.4	14	13.6	
31	2.4	2.6	4.4	11.0	11.7	7.8	9.8	11.2	11.0	11.5	11.7	12.4	11.9	10.5	17.0	4.8	8.0	12.0	13.4	13.6	17.2	8.8	10.3	12.2	24	17.2	
NO.:	26	26	26	26	26	26	26	25	25	26	26	26	26	26	26	26	25	26	26	26	26	26	26	26	26		
MAX:	52.4	50.7	44.2	33.9	28.3	28.5	24.9	27.1	40.3	30.3	37.1	35.2	28.1	26.2	26.4	26.6	24.9	30.6	22.7	28.1	23.9	26.6	54.2	48.0			
AVG:	12.44	12.65	11.68	12.11	11.70	12.50	12.78	13.68	13.95	14.28	14.03	14.70	13.81	14.51	14.43	12.78	11.74	12.09	13.25	12.21	11.48	11.30	12.67	12.65			

MONTHLY OBSERVATIONS: 621 MONTHLY MEAN: 12.89 MONTHLY MAX: 54.2

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

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 URBANIZED AREA: (6639) RALEIGH, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
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 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT: 2.62

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: AUGUST 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	13.1	12.4	11.0	10.0	11.2	12.2	12.9	13.2	10.5	10.5	11.2	16.7	14.8	14.4	19.2	15.8	11.4	10.5	9.3	9.3	16.0	11.7	10.0	9.7	24	19.2	
2	10.8	9.5	9.0	11.0	10.5	6.8	8.3	11.4	13.1	16.3	18.5	6.8	6.5	4.6	6.3	8.5	9.8	12.4	13.6	15.3	10.5	8.5	8.5	16.5	24	18.5	
3	6.8	10.0	11.7	11.0	10.0	7.5	9.3	9.3	10.3	12.9	12.4	12.2	13.4	13.2	8.8	9.0	10.7	11.2	12.9	20.4	19.2	9.3	9.5	10.0	24	20.4	
4	11.0	10.5	10.5	8.8	8.3	12.4	9.8	8.0	8.5	8.5	7.5	3.1	5.8	8.3	5.8	5.8	9.0	10.7	10.0	11.7	13.2	9.3	3.9	2.6	24	13.2	
5	1.1	1.4	3.9	3.4	2.9	4.8	6.3	5.1	4.1	5.3	4.6	3.9	5.8	8.0	4.4	3.6	3.6	1.4	1.6	3.1	3.4	3.1	2.9	1.6	24	8.0	
6	2.1	2.4	5.8	4.1	- .9	1.6	2.6	4.6	8.0	6.0	4.3	9.3	12.2	9.5	6.3	6.5	9.0	9.8	5.8	4.6	8.0	4.6	.6	.7	24	12.2	
7	2.6	1.9	1.4	4.1	1.4	1.9	5.6	5.6	5.8	6.5	6.5	6.0	6.1	5.8	6.0	10.5	10.3	5.1	4.1	5.1	2.1	- .6	.4	.2	24	10.5	
8	.7	4.1	6.8	6.1	3.4	4.1	9.0	11.0	8.3	7.3	8.8	6.8	6.5	8.5	5.6	4.1	6.3	6.0	3.9	3.6	1.6	2.6	3.6	2.9	24	11.0	
9	7.0	8.8	6.5	4.1	2.9	3.6	5.3	7.5	7.8	7.7	10.0	10.8	10.9	10.3	8.8	9.5	11.0	10.3	7.8	9.0	8.0	7.5	9.0	8.5	24	11.0	
10	7.0	3.9	3.1	6.0	5.8	2.4	3.9	4.3	4.8	6.8	7.0	7.3	6.3	6.0	7.0	9.5	10.8	10.7	9.3	7.5	7.5	6.0	3.6	6.3	24	10.8	
11	7.3	5.6	7.8	8.5	8.3	8.5	9.0	10.3	11.5	11.3	17.2	12.7	13.4	16.5	8.5	6.5	6.0	8.8	7.3	6.0	7.0	4.6	5.3	9.0	24	17.2	
12	10.0	10.0	7.3	4.3	6.8	10.3	11.3	9.8	7.3	5.3	6.3	7.0	5.8	7.5	7.5	9.0	8.8	9.3	9.5	9.2	16.3	11.9	13.4	13.4	24	16.3	
13	11.3	7.5	9.3	11.7	11.9	11.4	9.2	9.5	15.8	10.0	11.7	12.9	9.5	8.3	11.7	16.7	9.3	11.0	12.7	19.0	17.2	18.0	15.3	14.8	24	19.0	
14	17.7	14.1	15.8	13.6	16.0	14.8	19.4	19.9	19.9	15.5	14.1	13.6	AX	18.0	16.2	10.7	12.7	14.8	17.0	18.7	17.0	27.3	23.1	25.5	23	27.3	
15	23.1	25.3	28.0	23.1	23.8	26.8	25.3	21.7	18.0	21.7	17.5	19.5	23.8	16.3	13.6	14.1	12.7	12.7	12.2	9.7	10.8	12.9	11.7	9.5	24	28.0	
16	10.5	10.3	10.8	19.0	14.6	14.1	12.4	11.7	11.0	12.2	13.9	13.9	17.2	16.0	19.2	17.2	BA	11.2	19.5	20.9	19.7	24.8	21.7	22.4	23	24.8	
17	19.4	15.3	20.4	13.4	17.0	18.2	17.2	19.9	19.9	15.8	17.2	16.5	11.5	20.7	19.2	18.5	15.8	18.7	15.5	17.7	18.0	17.7	13.9	14.1	24	20.7	
18	15.3	12.4	11.2	11.4	9.7	11.0	13.9	11.9	12.2	17.7	15.8	11.0	17.0	13.6	14.3	13.4	15.8	15.5	14.1	17.0	14.1	14.1	13.9	15.3	24	17.7	
19	16.7	14.6	16.3	10.5	16.2	11.7	12.7	19.9	14.6	8.7	3.1	3.1	2.6	3.6	9.2	10.7	6.5	6.3	7.7	8.5	8.8	10.8	12.7	11.9	24	19.9	
20	10.5	9.8	9.3	9.8	10.5	10.5	12.4	12.9	11.0	9.3	9.5	9.0	6.5	7.5	8.3	7.0	5.1	4.8	7.0	10.8	14.1	14.3	18.7	15.8	24	18.7	
21	18.0	12.4	10.5	10.0	15.5	16.7	16.5	15.5	16.0	AZ	AZ	13.4	13.8	15.5	17.2	16.0	18.7	12.6	20.9	14.1	16.5	16.7	17.7	14.1	22	20.9	
22	14.6	15.0	16.2	13.1	16.7	11.7	12.2	12.9	11.2	9.3	9.2	6.8	7.2	9.8	16.0	9.5	11.2	11.2	9.0	20.7	15.8	12.2	11.7	11.4	24	20.7	
23	12.4	11.7	9.2	10.0	11.9	13.1	14.3	13.8	14.1	13.8	12.6	12.6	16.2	16.2	16.7	14.8	14.1	12.2	10.8	11.0	15.8	20.9	14.8	15.0	24	20.9	
24	16.2	17.7	13.6	13.4	13.6	13.1	12.9	17.7	13.1	10.5	6.8	8.7	11.9	11.4	11.7	13.1	11.4	10.0	11.0	11.0	12.2	12.7	10.8	11.4	24	17.7	
25	11.9	9.5	8.2	9.0	10.5	9.2	8.0	8.3	8.0	9.0	9.3	10.0	10.0	7.5	8.2	10.2	8.0	7.5	10.0	8.7	5.8	5.3	5.8	8.8	24	11.9	
26	11.4	8.0	7.8	8.2	7.7	11.2	13.8	12.4	12.4	11.0	7.7	9.5	8.0	3.9	4.8	6.8	5.5	5.8	6.8	7.3	8.3	8.5	8.8	8.7	24	13.8	
27	9.2	9.7	7.5	5.0	5.0	7.0	5.0	6.5	10.0	6.8	4.1	3.8	4.6	5.8	8.5	4.8	4.3	7.0	5.0	5.0	4.6	2.6	.9	.9	24	10.0	
28	1.9	4.3	3.6	1.1	3.8	7.5	7.2	7.2	7.5	6.8	7.7	6.3	5.5	9.2	10.0	8.0	7.3	6.0	7.0	7.0	2.6	2.6	2.9	2.6	24	10.0	
29	2.6	3.6	4.8	4.1	5.8	7.0	8.0	8.7	9.7	12.4	18.7	11.9	13.4	15.8	11.9	18.9	14.1	18.5	14.6	17.5	17.7	16.0	14.5	17.5	24	18.9	
30	18.2	19.4	17.5	19.4	16.0	23.6	21.1	21.4	20.4	12.1	12.1	12.4	13.1	16.0	14.8	14.6	14.5	13.8	13.8	12.9	11.9	11.4	11.2	12.4	24	23.6	
31	15.3	8.7	10.5	11.9	12.4	12.2	21.4	15.5	12.4	10.0	6.5	6.8	6.8	7.7	9.7	8.5	9.7	11.2	10.9	12.4	19.7	8.2	10.0	10.5	24	21.4	
NO.:	31	31	31	31	31	31	31	31	31	30	30	31	30	31	31	31	30	31	31	31	31	31	31	31	31		
MAX:	23.1	25.3	28.0	23.1	23.8	26.8	25.3	21.7	20.4	21.7	18.7	19.5	23.8	20.7	19.2	18.9	18.7	18.7	20.9	20.9	19.7	27.3	23.1	25.5			
AVG:	10.83	9.99	10.17	9.65	9.97	10.55	11.49	11.85	11.52	10.57	10.39	9.82	10.20	10.82	10.82	10.70	10.11	10.23	10.34	11.44	11.72	10.82	10.03	10.45			

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 10.61 MONTHLY MAX: 28.0

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.

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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: 2.62

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	10.5	9.0	7.0	9.0	9.5	10.0	11.4	10.7	9.0	10.7	11.2	9.0	7.3	6.0	7.0	7.3	8.0	6.8	8.2	11.4	9.2	10.7	11.7	10.0	24	11.7	
2	7.0	8.2	10.0	8.8	8.2	10.3	13.4	12.9	12.9	9.2	7.3	11.4	11.9	7.3	6.0	7.5	7.0	7.3	7.8	6.8	6.0	7.5	8.0	5.5	24	13.4	
3	4.6	2.9	1.6	3.6	5.8	5.1	2.6	4.8	8.5	11.7	17.0	16.2	14.6	15.8	18.7	17.2	18.7	15.3	13.1	10.2	8.0	6.8	5.8	7.8	24	18.7	
4	7.7	6.0	5.5	8.0	11.9	12.4	12.4	11.7	9.8	8.0	7.8	7.0	5.5	5.3	5.8	5.1	5.5	7.0	7.0	8.0	6.5	6.3	6.0	5.8	24	12.4	
5	5.1	3.6	6.5	8.7	8.2	10.5	12.9	11.7	11.9	16.2	12.7	11.4	8.7	10.0	9.5	8.0	9.8	11.2	11.9	12.4	10.8	11.2	11.0	9.7	24	16.2	
6	12.4	11.4	10.2	11.0	11.9	12.9	12.2	12.4	11.4	9.7	7.3	6.3	7.5	10.5	12.9	10.2	5.8	2.9	3.4	4.3	7.5	7.0	4.3	3.4	24	12.9	
7	1.6	4.1	7.3	6.8	7.8	9.5	7.5	8.0	8.2	9.7	8.5	4.1	4.3	2.6	3.6	7.0	8.0	8.2	10.5	13.6	10.2	8.2	10.0	16.7	24	16.7	
8	15.3	9.0	8.7	10.2	11.0	9.5	11.4	19.4	13.1	12.9	13.6	15.5	20.4	11.9	11.9	15.3	14.3	13.8	13.8	13.6	12.2	13.1	10.7	6.5	24	20.4	
9	6.0	5.8	5.0	6.3	9.0	7.7	8.2	10.5	5.5	5.8	7.0	6.7	6.5	3.1	3.8	6.2	7.8	8.2	10.5	10.7	10.7	10.5	9.7	8.5	24	10.7	
10	8.7	8.0	7.7	8.0	7.7	7.0	6.5	9.2	7.2	5.1	4.3	1.1	4.1	7.2	4.6	4.1	6.3	8.8	7.5	7.5	11.0	12.4	12.2	9.3	24	12.4	
11	9.7	10.7	8.2	9.3	9.8	8.5	11.2	11.4	8.5	11.7	10.0	6.3	8.2	AX	10.9	8.0	6.0	7.8	8.8	10.8	9.0	8.5	10.3	7.3	23	11.7	
12	7.5	9.3	9.5	10.5	10.5	9.8	10.0	1.9	-4.6	8.0	8.7	5.6	3.8	5.8	7.8	8.8	AN	AN	AN	AN	AN	AN	AN	AN	AN	16	10.5
13	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	5.1	5.3	6.8	3.8	2.1	2.1	4.3	5.1	2.9	4.1	7.0	7.5	12	7.5	
14	5.8	4.1	6.8	4.8	2.9	6.0	5.6	3.9	4.4	2.9	3.4	7.3	6.0	2.4	.0	1.4	3.9	5.5	8.8	6.0	3.6	6.8	8.0	5.8	24	8.8	
15	4.3	5.6	7.0	6.8	4.1	2.9	3.9	5.3	6.3	8.5	11.9	11.0	10.3	9.0	7.3	17.2	14.6	15.8	9.3	11.0	11.0	7.5	6.8	9.0	24	17.2	
16	9.5	8.8	10.0	7.8	8.3	8.8	7.5	10.5	7.8	3.8	3.8	5.5	5.3	4.1	2.1	-2	2.6	5.3	4.8	4.8	7.3	9.3	8.3	7.0	24	10.5	
17	7.0	7.0	7.0	7.3	4.3	4.6	7.3	8.8	8.3	6.0	4.1	3.4	7.0	9.2	7.0	5.1	4.3	6.3	9.0	3.6	4.6	9.2	5.1	2.6	24	9.2	
18	6.0	4.8	2.6	3.1	3.1	4.3	2.9	4.3	6.0	2.4	2.4	2.1	1.1	3.6	2.6	-2	.6	2.1	1.1	-.9	.6	2.6	2.9	4.3	24	6.0	
19	3.8	1.1	2.1	5.1	4.8	5.5	4.3	2.6	4.6	6.3	6.8	6.0	6.0	6.5	4.8	7.2	7.3	3.3	5.0	8.2	9.2	8.8	7.0	7.5	24	9.2	
20	10.2	8.5	6.8	9.0	8.2	8.5	6.8	7.7	10.0	6.3	3.6	4.8	5.5	3.6	2.9	5.3	8.7	8.3	5.3	6.0	6.8	7.8	9.3	10.8	24	10.8	
21	11.7	10.0	10.0	10.7	9.0	7.5	11.2	13.1	10.2	10.2	9.2	10.3	10.9	10.9	11.7	13.4	14.1	12.9	12.2	21.9	11.0	21.4	17.7	12.9	24	21.9	
22	12.2	15.5	13.6	12.4	11.4	11.4	11.9	10.2	9.7	11.9	13.4	14.6	13.6	16.0	14.3	14.3	14.1	14.3	13.8	15.8	13.6	15.3	14.8	12.4	24	16.0	
23	10.0	12.4	13.8	12.4	15.5	12.2	11.0	11.0	10.0	9.8	7.5	1.4	5.0	6.1	5.3	6.5	5.3	6.5	8.3	10.8	11.0	9.7	7.3	5.3	24	15.5	
24	6.0	7.0	5.3	4.1	7.3	9.5	7.3	5.8	5.6	4.6	3.4	3.4	5.6	4.8	4.6	7.8	7.0	7.5	9.8	9.5	7.5	7.0	11.2	10.5	24	11.2	
25	7.3	6.0	5.6	8.0	9.5	8.8	9.5	11.2	10.3	7.5	6.3	8.5	10.5	10.5	8.8	6.8	5.8	7.0	10.3	10.3	11.7	15.5	14.1	12.0	24	15.5	
26	10.7	11.4	12.4	15.6	7.0	9.5	11.9	11.0	10.0	10.3	11.2	12.4	11.5	10.8	10.3	10.3	11.0	11.2	11.9	13.4	14.1	13.4	16.0	15.8	24	16.0	
27	9.5	10.3	11.4	10.5	10.3	12.7	13.2	13.2	10.5	10.7	9.8	7.0	11.0	12.7	11.0	12.7	15.5	6.8	8.8	12.7	18.7	12.9	12.7	12.9	24	18.7	
28	16.3	12.7	13.9	13.6	13.6	14.1	13.4	19.0	14.1	14.6	14.1	13.6	14.1	14.3	13.6	15.3	13.6	13.9	19.2	9.8	11.7	14.1	12.9	16.5	24	19.2	
29	9.0	9.0	9.8	12.2	8.0	5.6	9.8	9.5	10.5	15.5	11.4	12.7	12.2	16.5	10.0	11.2	16.7	13.6	15.8	12.2	11.2	11.0	12.4	12.2	24	16.7	
30	12.2	12.2	16.5	11.4	11.4	10.0	11.7	14.1	12.4	9.5	8.5	8.0	7.5	10.8	10.5	9.5	12.2	12.9	13.4	13.1	17.5	13.1	13.9	13.9	24	17.5	
31																										0	
NO.:	29	29	29	29	29	29	29	29	29	29	29	29	30	29	30	30	29	29	29	29	29	29	29	29	29		
MAX:	16.3	15.5	16.5	15.6	15.5	14.1	13.4	19.4	14.1	16.2	17.0	16.2	20.4	16.5	18.7	17.2	18.7	15.8	19.2	21.9	18.7	21.4	17.7	16.7			
AVG:	8.54	8.08	8.34	8.79	8.62	8.80	9.27	9.86	8.69	8.95	8.49	8.02	8.37	8.37	7.87	8.40	8.85	8.71	9.43	9.74	9.49	10.06	9.90	9.29			

MONTHLY OBSERVATIONS: 699 MONTHLY MEAN: 8.87 MONTHLY MAX: 21.9

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-183-0014 POC: 3
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS: BAM SAMPLER TO BE OPERATED FOR 700 DAYS THEN REEVALUATED

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: 2.62

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	12.2	12.2	12.9	13.1	12.4	15.3	12.2	17.7	13.6	14.3	13.6	9.8	7.7	9.2	9.0	8.0	10.5	11.2	7.2	8.0	10.2	11.4	12.9	11.9	24	17.7	
2	11.4	11.7	9.0	7.5	7.0	4.8	8.7	9.8	6.5	7.2	4.1	2.1	2.1	2.4	4.1	4.1	7.0	9.2	7.0	4.8	2.9	4.3	5.8	4.1	24	11.7	
3	4.3	3.3	5.3	8.8	5.8	6.3	9.2	9.5	11.2	12.6	13.4	13.4	9.0	7.0	8.7	8.0	11.2	14.6	12.4	10.0	15.3	12.9	13.6	13.1	24	15.3	
4	8.2	6.8	8.0	8.0	9.0	5.3	6.3	10.0	8.5	8.5	7.3	6.3	5.3	5.8	10.8	11.2	9.3	8.0	10.2	16.2	13.4	13.6	14.1	15.5	24	16.2	
5	17.5	9.0	11.4	13.8	11.7	10.5	11.4	11.7	12.4	12.4	11.7	10.0	8.2	8.7	10.2	12.9	13.1	11.4	12.6	12.4	16.5	17.9	13.4	14.2	24	17.9	
6	18.2	14.3	14.1	13.1	12.6	15.3	17.5	18.2	10.9	17.2	9.8	12.2	13.6	13.6	18.5	15.5	10.5	16.2	14.6	19.7	11.2	10.5	8.5	5.8	24	19.7	
7	5.3	5.8	3.8	4.8	7.3	4.3	4.1	7.7	6.8	4.6	4.3	6.3	8.5	8.0	6.8	9.7	9.3	4.6	5.3	7.0	7.2	8.8	8.5	6.7	24	9.7	
8	6.5	7.5	6.0	5.1	8.0	8.0	7.0	8.8	9.0	7.3	7.0	8.5	8.2	7.8	9.3	6.0	4.8	6.1	7.5	8.8	6.3	7.0	9.3	8.3	24	9.3	
9	7.3	9.3	7.5	6.0	7.3	5.5	3.4	3.1	4.4	6.5	7.0	5.8	5.8	6.5	6.8	5.3	3.8	2.4	2.9	6.3	7.8	7.5	4.1	2.9	24	9.3	
10	3.9	6.5	10.7	11.9	9.0	7.0	10.5	13.4	11.5	6.5	AX	AX	AX	34.4	33.9	25.6	26.5	9.0	16.7	23.4	23.1	9.5	9.8	24.1	21	34.4	
11	23.4	6.8	7.5	22.4	21.2	8.3	10.7	8.3	8.0	8.0	7.1	4.9	4.8	6.8	6.1	7.3	8.3	6.3	6.0	10.0	12.4	12.2	11.7	13.4	24	23.4	
12	13.6	11.2	10.1	10.7	11.5	9.8	10.8	13.2	12.0	10.5	6.5	6.8	8.0	7.1	5.6	4.9	4.1	4.4	8.0	7.5	7.1	10.3	11.0	12.7	24	13.6	
13	11.0	7.3	6.8	8.1	7.1	6.6	5.1	5.4	4.4	3.2	5.1	2.9	4.4	4.9	3.2	3.4	5.4	6.1	6.8	11.7	28.5	12.0	13.2	13.7	24	28.5	
14	11.7	11.2	12.0	11.5	9.8	11.7	12.7	10.5	9.6	7.8	6.1	5.6	3.6	4.4	5.1	4.4	4.4	6.3	8.1	8.3	10.1	7.3	7.6	11.5	24	12.7	
15	8.6	4.4	5.6	7.1	4.6	3.4	4.6	6.3	8.3	8.1	6.3	5.6	7.3	8.8	7.1	5.8	7.3	8.8	6.6	5.4	6.6	10.1	11.3	10.2	24	11.3	
16	11.2	13.2	16.6	8.6	10.1	11.7	10.8	10.1	9.3	6.1	7.6	9.6	6.6	5.8	6.1	4.6	5.1	7.8	8.6	11.7	13.4	12.9	11.7	11.0	24	16.6	
17	12.2	15.3	10.8	12.0	12.0	11.0	10.2	12.4	13.2	13.9	8.8	5.3	7.0	6.5	8.0	9.8	11.7	11.7	10.5	23.1	14.6	16.0	16.8	16.5	24	23.1	
18	14.1	16.5	12.4	17.8	13.6	12.9	11.5	11.2	12.0	9.5	9.1	10.7	8.5	6.6	5.6	5.8	6.8	7.0	5.6	6.1	7.3	5.1	7.1	10.3	24	17.8	
19	6.3	2.9	4.8	8.3	7.1	7.3	8.8	7.6	8.3	9.1	8.8	7.8	7.8	5.1	4.6	6.1	5.3	4.6	6.6	15.3	8.8	8.3	9.1	10.8	24	15.3	
20	9.5	8.8	10.0	10.1	8.3	6.8	11.5	12.0	11.0	10.7	10.7	11.5	15.8	18.3	13.6	16.3	14.4	12.9	20.5	16.3	15.1	13.4	11.5	9.3	24	20.5	
21	7.1	4.9	3.9	7.1	8.5	6.8	7.1	9.3	8.1	6.8	7.8	5.8	6.1	7.6	5.9	4.6	6.6	9.6	11.5	13.9	12.5	11.7	18.3	13.2	24	18.3	
22	10.2	10.1	18.0	15.8	13.4	17.8	16.1	9.1	10.0	11.0	11.3	9.3	4.6	4.1	6.6	7.1	6.3	10.2	13.7	13.9	14.1	13.0	13.4	17.3	24	18.0	
23	15.3	12.7	13.4	13.9	12.7	11.5	12.7	20.2	17.0	13.7	14.4	12.5	10.1	11.2	12.0	12.7	11.3	7.8	9.6	19.5	16.8	16.8	15.6	18.8	24	20.2	
24	15.8	18.0	13.9	15.3	13.0	12.0	17.3	16.3	15.1	10.1	BA	8.8	16.8	13.2	12.5	10.8	10.3	9.3	15.3	17.0	18.5	20.7	16.8	12.0	23	20.7	
25	17.0	18.5	12.7	17.5	17.3	12.2	17.3	11.0	22.7	17.3	14.1	9.3	6.1	7.1	3.2	3.2	5.6	4.9	7.8	8.6	17.0	9.8	9.1	10.3	24	22.7	
26	13.4	18.5	17.3	18.3	18.8	22.4	20.7	27.8	18.3	16.5	12.2	12.7	10.1	9.1	12.0	10.5	12.0	13.4	17.5	12.7	16.3	11.0	8.8	6.6	24	27.8	
27	5.6	5.4	5.6	5.1	7.1	6.1	4.1	3.4	3.2	5.1	7.3	9.8	7.1	4.9	5.4	3.4	3.4	6.1	6.8	7.3	6.8	4.9	4.4	4.1	24	9.8	
28	4.9	4.9	3.2	4.1	7.6	5.6	5.3	8.8	7.8	6.6	5.3	6.8	6.3	3.2	3.9	5.4	8.8	9.3	8.0	8.1	5.6	6.8	6.3	4.4	24	9.3	
29	3.4	2.6	3.2	4.1	5.6	2.7	.7	.7	.9	.7	1.9	3.6	2.7	3.2	4.4	2.7	2.9	4.4	4.6	5.6	5.4	4.6	1.4	.4	24	5.6	
30	1.2	-.9	.2	3.7	5.8	4.1	1.4	1.7	2.2	2.2	3.7	3.4	2.9	4.9	7.1	5.8	4.9	4.4	4.2	6.6	5.4	3.2	2.7	4.1	24	7.1	
31	6.1	4.4	3.9	4.4	4.9	4.1	2.4	4.6	8.1	6.6	3.9	6.1	6.1	4.4	3.4	3.6	4.9	3.7	4.1	4.9	9.3	12.2	8.6	6.8	24	12.2	
NO.:	31	31	31	31	31	31	31	31	31	31	29	30	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	23.4	18.5	18.0	22.4	21.2	22.4	20.7	27.8	22.7	17.3	14.4	13.4	16.8	34.4	33.9	25.6	26.5	16.2	20.5	23.4	28.5	20.7	18.3	24.1			
AVG:	10.21	9.13	9.05	10.26	10.00	8.91	9.45	10.32	9.82	9.05	8.14	7.77	7.37	8.08	8.37	7.89	8.25	8.12	9.25	11.29	11.79	10.51	10.21	10.39			

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 9.33 MONTHLY MAX: 34.4

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-183-0014 POC: 3
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS: BAM SAMPLER TO BE OPERATED FOR 700 DAYS THEN REEVALUATED

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: 2.62

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	6.8	5.9	7.3	6.6	4.4	6.8	6.8	9.6	8.1	4.4	6.3	8.8	8.3	5.6	4.2	3.9	3.4	5.6	11.0	10.8	10.0	12.5	14.1	15.8	24	15.8	
2	10.3	11.8	12.0	12.2	13.7	11.5	11.8	13.7	10.3	7.3	9.3	10.5	7.8	6.8	8.8	10.8	11.7	12.7	13.2	18.8	15.6	15.1	14.4	16.3	24	18.8	
3	9.5	11.0	11.5	10.8	11.8	8.8	10.0	10.3	3.7	2.7	5.6	4.9	3.9	5.9	4.7	2.4	5.2	8.3	9.6	8.1	9.4	15.9	15.9	19.1	24	19.1	
4	12.7	13.2	16.3	11.3	10.3	10.8	12.8	10.8	8.1	9.8	8.6	6.1	4.7	7.3	9.6	6.8	9.3	10.0	5.1	6.6	11.0	10.8	12.0	13.5	24	16.3	
5	13.9	14.9	16.6	15.9	10.0	11.3	10.8	10.0	11.5	13.2	11.5	9.4	7.8	7.1	7.6	7.8	8.4	9.1	16.1	19.0	13.5	14.2	15.6	15.4	24	19.0	
6	17.6	19.1	14.7	13.9	19.3	16.8	19.5	22.5	17.3	11.8	13.0	11.6	7.9	9.3	8.9	5.2	17.3	16.4	13.3	12.3	12.3	11.3	10.5	11.1	24	22.5	
7	8.9	6.4	7.6	8.1	8.4	10.6	11.5	9.1	9.1	11.5	8.6	7.4	8.9	6.9	7.6	9.3	9.8	10.5	10.1	11.1	11.1	8.1	7.1	8.9	24	11.5	
8	10.8	17.1	12.8	15.9	16.1	14.4	18.3	17.8	19.5	8.1	9.5	10.3	8.9	8.1	3.7	1.2	4.9	9.5	10.6	9.6	9.6	8.6	9.6	11.6	24	19.5	
9	10.8	8.6	8.4	8.6	11.1	10.3	11.1	14.4	11.1	8.6	7.9	8.4	BA	10.0	9.0	6.0	4.0	8.0	12.0	19.0	17.0	24.0	27.0	23.0	23	27.0	
10	25.0	49.0	26.0	30.0	24.0	25.0	22.0	24.0	23.0	22.0	15.0	12.0	10.0	7.0	8.0	11.0	12.0	20.0	26.0	27.0	32.0	30.0	30.0	38.0	24	49.0	
11	34.0	32.0	26.0	27.0	28.0	27.0	27.0	35.0	27.0	30.0	22.0	20.0	14.0	10.0	7.0	7.0	7.0	8.0	15.0	18.0	17.0	13.0	14.0	13.0	24	35.0	
12	16.0	13.0	20.0	17.0	19.0	15.0	13.0	14.0	14.0	11.0	9.0	8.0	6.0	6.0	10.0	11.0	7.0	6.0	10.0	13.0	12.0	11.0	16.0	8.0	24	20.0	
13	9.0	7.0	7.0	7.0	7.0	6.0	5.0	6.0	6.0	BA	BA	3.7	2.7	5.4	2.7	-1	3.5	4.9	3.2	4.4	7.6	9.4	9.1	9.6	22	9.6	
14	10.3	8.1	7.1	9.8	11.5	13.3	14.7	13.9	10.0	9.4	12.3	10.5	7.6	7.8	7.6	7.8	12.0	13.7	12.8	13.3	20.0	11.8	11.8	12.0	24	20.0	
15	13.2	14.0	12.8	11.3	11.5	12.5	15.6	14.4	14.4	13.9	13.5	11.3	10.3	12.8	11.1	10.0	12.0	13.5	15.6	14.7	12.8	11.8	12.5	17.1	24	17.1	
16	15.2	14.9	12.8	17.8	13.0	12.5	12.5	13.7	17.3	12.5	15.6	12.0	11.8	12.3	11.0	12.0	15.4	14.7	22.0	20.0	14.0	20.7	14.2	17.8	24	22.0	
17	15.6	18.8	17.3	13.7	20.0	13.9	19.3	22.7	21.5	14.2	13.0	9.1	7.4	6.1	6.1	5.6	6.4	9.5	9.8	10.3	7.4	6.6	11.1	12.5	24	22.7	
18	9.8	7.9	7.1	6.4	6.4	8.6	11.8	13.7	16.4	15.6	10.5	11.1	8.4	7.1	9.1	8.4	10.1	12.0	12.3	11.3	11.5	11.0	8.3	9.8	24	16.4	
19	9.4	7.1	7.9	8.1	8.9	9.1	9.3	9.1	8.6	7.9	AZ	AZ	9.4	10.3	7.9	7.8	9.5	8.1	6.1	7.1	6.4	4.4	6.4	9.1	22	10.3	
20	7.8	9.8	11.5	10.6	11.3	8.4	7.1	10.8	12.0	12.5	14.2	10.3	7.1	7.8	10.0	8.6	9.5	10.3	9.1	13.2	15.6	13.7	15.9	11.5	24	15.9	
21	12.8	13.2	15.9	12.0	13.2	14.4	12.7	21.5	22.0	18.3	13.2	17.8	16.1	10.0	9.5	7.1	9.4	11.8	16.8	16.3	15.9	18.3	16.6	16.8	24	22.0	
22	17.3	15.1	13.2	15.9	16.8	19.3	17.6	21.4	17.8	12.5	13.2	10.5	9.1	8.6	6.9	6.4	8.1	9.1	10.5	11.8	16.1	13.2	13.0	18.1	24	21.4	
23	16.1	12.8	17.8	23.9	16.6	18.1	14.7	19.5	20.0	15.4	12.8	9.3	8.6	10.8	11.0	12.7	12.5	16.4	16.6	18.3	21.2	23.7	22.2	16.6	24	23.9	
24	7.1	6.9	8.4	8.1	6.4	4.4	3.5	4.7	5.4	7.6	6.6	4.4	5.2	6.1	5.4	6.9	8.4	6.1	6.9	8.1	5.9	6.4	5.2	6.2	24	8.4	
25	7.4	8.1	10.8	10.8	9.8	9.6	9.6	9.8	10.1	10.1	8.4	8.1	8.6	7.1	10.3	9.1	8.6	12.3	20.3	16.6	16.6	25.7	16.9	14.0	24	25.7	
26	17.1	17.1	25.9	16.4	16.1	15.4	14.9	22.0	15.6	14.9	15.9	6.9	AX	AX	18.6	5.7	9.6	13.3	12.3	10.3	20.3	25.2	25.4	36.2	22	36.2	
27	44.4	39.4	34.2	25.7	31.1	26.9	26.9	34.5	30.1	25.9	27.6	23.2	17.3	16.1	19.8	21.5	20.2	20.3	23.2	19.6	17.9	14.2	13.3	15.6	24	44.4	
28	9.8	17.4	13.3	14.2	18.1	16.9	16.6	18.8	17.9	16.4	8.6	10.6	13.3	11.3	12.0	12.0	10.3	13.3	14.5	17.9	24.0	21.0	22.8	23.0	24	24.0	
29	23.7	19.1	19.6	14.5	17.9	21.7	23.7	24.0	20.7	17.1	5.9	9.6	11.3	9.6	8.9	8.4	8.6	17.4	22.5	27.4	21.5	19.1	26.2	31.8	24	31.8	
30	32.0	33.2	33.5	29.3	29.1	26.2	29.3	25.7	25.0	25.2	11.8	11.3	11.3	12.8	17.6	13.5	10.1	10.6	18.6	13.3	24.0	25.4	22.0	23.0	24	33.5	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	29	28	29	28	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	44.4	49.0	34.2	30.0	31.1	27.0	29.3	35.0	30.1	30.0	27.6	23.2	17.3	16.1	19.8	21.5	20.2	20.3	26.0	27.4	32.0	30.0	30.0	38.0			
AVG:	15.14	15.73	15.18	14.43	14.69	14.18	14.65	16.58	15.12	13.44	11.76	10.24	9.06	8.69	9.15	8.19	9.47	11.38	13.50	14.24	14.97	15.20	15.30	16.48			

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: 13.23 MONTHLY MAX: 49.0

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-183-0014 POC: 3
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS: BAM SAMPLER TO BE OPERATED FOR 700 DAYS THEN REEVALUATED

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: 2.62

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	24.2	23.5	23.0	29.1	27.6	17.6	28.4	26.9	24.9	31.2	19.6	17.3	11.6	12.8	13.7	13.0	13.7	18.8	22.5	32.0	40.1	37.4	32.8	33.7	24	40.1	
2	32.0	30.8	34.5	40.6	36.9	39.1	34.5	30.1	29.3	24.5	24.0	15.2	14.0	12.3	11.3	12.3	16.4	9.1	9.4	11.6	12.3	11.6	12.5	12.5	24	40.6	
3	9.6	8.1	9.6	11.6	12.0	9.8	9.8	12.5	10.8	15.6	10.5	11.8	13.5	11.5	10.6	11.6	16.4	13.3	16.1	15.4	15.2	15.9	11.3	12.3	24	16.4	
4	16.1	13.7	18.8	14.7	16.4	18.1	17.8	18.3	17.6	16.1	18.8	4.5	7.4	6.6	5.2	9.4	13.0	15.9	18.1	26.7	19.1	26.9	25.2	22.0	24	26.9	
5	17.8	17.3	17.6	16.4	19.3	17.3	11.1	11.1	10.3	8.9	7.6	9.8	9.8	7.6	9.8	9.8	11.1	9.6	4.2	6.1	6.1	6.9	10.8	11.0	24	19.3	
6	11.5	9.5	10.0	12.3	7.4	8.9	11.8	10.3	9.5	6.9	6.6	7.8	4.7	5.4	7.9	9.8	9.5	6.6	8.1	10.8	11.3	10.3	10.1	7.9	24	12.3	
7	6.4	7.1	6.9	8.1	7.4	7.4	9.8	8.6	7.6	8.4	10.0	AX	AX	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	11	10.0	
8	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
9	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
10	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
11	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
12	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
13	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
14	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
15	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
16	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
17	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
18	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
19	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
20	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
21	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
22	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
23	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
24	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
25	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
26	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
27	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
28	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
29	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
30	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
31	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
NO.:	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
MAX:	32.0	30.8	34.5	40.6	36.9	39.1	34.5	30.1	29.3	31.2	24.0	17.3	14.0	12.8	13.7	13.0	16.4	18.8	22.5	32.0	40.1	37.4	32.8	33.7			
AVG:	16.80	15.71	17.20	18.97	18.14	16.89	17.60	16.83	15.71	15.94	13.87	11.07	10.17	9.37	9.75	10.98	13.35	12.22	13.07	17.10	17.35	18.17	17.12	16.57			

MONTHLY OBSERVATIONS: 155 MONTHLY MEAN: 15.12 MONTHLY MAX: 40.6

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-183-0020 POC: 1
 COUNTY: (183) Wake
 CITY: (00000) Not in a city
 SITE ADDRESS: 3720 Lake Wheeler Rd
 SITE COMMENTS: collocated with ARS met station
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 35.7288000009
 LONGITUDE: -78.6802
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 120
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	11.9		7.3					AV				
2						5.3	AV				8.3	14.5
3		6.7		8.5	13.3		18.0		8.7 V	AN		
4	6.8		4.2					7.2				
5						5.7	16.8	4.0		12.2	7.6	8.4
6		10.2		3.5	7.1				8.2	5.1		
7	12.0		6.8					4.0 3				
8						10.1	AV				6.9	11.7
9		6.6		AN	6.7				5.0	3.6		
10	7.6		5.7				10.5	6.2				
11						6.0	8.1				16.2	5.4
12		2.3		AN	8.9				6.2	7.9		
13	2.9		9.3					12.1				
14				11.7		5.0	5.2				6.9	8.7
15		7.3		10.5	6.5				7.2	4.6		
16	8.1		10.0	8.9				AV				
17						5.1	11.7				8.4	4.5
18		9.0		7.3	6.8				3.8	6.9		
19	5.4		11.7					AV				
20						21.9	10.0 V				7.0	8.9
21		9.0		9.4	5.0			12.1	9.2	5.7		
22	10.0		5.5					11.4				
23						AV	AV	11.5			11.0	AB
24		9.2		5.2	10.7		10.0 V		5.9	11.7		
25	4.8		5.7					7.2				
26						6.5	AV				10.6	6.1
27		7.3		12.1	4.3				10.1	4.2		
28	4.4		15.7					3.9 V				
29						AV	AV				11.7	6.0
30				12.4	5.7				7.9	1.5 V		
31	15.5		10.9				10.0	9.0 V				
NO.:	11	9	11	10	10	8	9	11	10	10	10	9
MAX:	15.5	10.2	15.7	12.4	13.3	21.9	18.0	12.1	10.1	12.2	16.2	14.5
MEAN:	8.13	7.51	8.44	8.95	7.50	8.20	11.14	8.05	7.22	6.34	9.46	8.24
ANNUAL OBSERVATIONS:		118		ANNUAL MEAN:	8.25	ANNUAL MAX:	21.9					

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-189-0003 POC: 1
 COUNTY: (189) Watauga
 CITY: (07080) Boone
 SITE ADDRESS: 361 JEFFERSON ROAD
 SITE COMMENTS:
 MONITOR COMMENTS: ID2=407

STATE: (37) North Carolina
 AQCR: (165) EASTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 36.2219440009
 LONGITUDE: -81.663056
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 945
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	8.7		4.3					10.7				
2						6.9	10.5				6.9	7.3
3		2.1		4.6	8.7				6.5	4.1 TT		
4	5.5	8.6	4.7					7.7				
5						7.1	12.6				5.5	3.1
6		AN		3.7	7.4				5.2	7.6		
7	7.7	4.8	8.0					5.0				
8						7.5	19.1				10.2	8.0
9		3.0		AN	6.2				4.7	2.9		
10	6.4		6.2					7.5				
11						3.5	10.3				9.7	3.7
12		7.7 V		2.9	10.2				10.8	7.1		
13	2.4 V		6.5					8.2				
14						7.3	4.0				10.5	8.5
15		3.9		9.9	3.1				12.0	6.2		
16	17.7		AM					10.5				
17						9.1	8.0				11.2	2.9
18		8.2		7.1	13.8				1.7 V	9.5		
19	8.6		9.1					5.7				
20						13.1	3.0				7.6	8.8
21		7.9		7.0	8.1				10.2	4.5		
22	5.9		9.5					11.8				
23						12.4	9.2				AJ	4.8
24		6.2		5.2	10.1				3.0	9.5		
25	4.6		8.1					11.0				
26						6.8	10.0				3.5	1.6 V
27		5.8		10.2	10.8				10.7	8.9		
28	4.1		AN					9.5				
29			12.6			14.2	9.2				8.0	4.8
30			AM	13.2	6.0				8.2	1.8 V		
31	8.0		6.0					10.8				
NO.:	11	10	10	9	10	10	10	11	10	10	9	10
MAX:	17.7	8.6	12.6	13.2	13.8	14.2	19.1	11.8	12.0	9.5	11.2	8.8
MEAN:	7.24	5.82	7.50	7.09	8.44	8.79	9.59	8.95	7.30	6.21	8.12	5.35
ANNUAL OBSERVATIONS:		120		ANNUAL MEAN:	7.54	ANNUAL MAX:	19.1					

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-191-0005 POC: 1
 COUNTY: (191) Wayne
 CITY: (26880) Goldsboro
 SITE ADDRESS: DEVEREAU ST
 SITE COMMENTS: THIS SITE SUPERSEDES GOLDSBORO 37-191-0004
 MONITOR COMMENTS: ID2=707

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (2980) GOLDSBORO, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 35.369214
 LONGITUDE: -77.993893
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 33
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQA0: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: 2012

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1								8.9				
2						5.3	12.0					
3		7.1		7.6	10.7							
4	5.9		4.6									
5											8.8	8.1
6									6.8	16.5		
7								4.2				
8						10.0	17.5					
9		11.6		8.2	5.4							
10	9.6		8.2									
11											13.5	7.0
12									5.8	8.0		
13								12.0				
14						5.9	4.2					
15		10.0		8.4	6.5							
16	9.2		10.5									
17											8.6	4.8
18									4.3	6.3		
19								8.9				
20						17.3	9.0					
21		10.8		7.7	3.6							
22	12.1		6.1									
23											13.8	9.0
24									6.3	10.2		
25								5.5				
26						6.7	17.4					
27		10.7		13.0	4.0							
28	5.4		12.9									
29											18.4	6.3
30									9.0	2.3		
31								10.2				
NO.:	5	5	5	5	5	5	5	6	5	5	5	5
MAX:	12.1	11.6	12.9	13.0	10.7	17.3	17.5	12.0	9.0	16.5	18.4	9.0
MEAN:	8.44	10.04	8.46	8.98	6.04	9.04	12.02	8.28	6.44	8.66	12.62	7.04
ANNUAL OBSERVATIONS:		61		ANNUAL MEAN:	8.83	ANNUAL MAX:	18.4					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(88101) PM2.5 - Local Conditions

SITE ID: 37-191-0005 POC: 3
 COUNTY: (191) Wayne
 CITY: (26880) Goldsboro
 SITE ADDRESS: DEVEREAU ST
 SITE COMMENTS: THIS SITE SUPERSEDES GOLDSBORO 37-191-0004
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (2980) GOLDSBORO, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 35.369214
 LONGITUDE: -77.993893
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 33
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	5.0	5.2	5.2	5.8	5.8	6.7	7.5	8.4	7.7	AT	AT	AT	AT	AT	AT	AT	AT	AT	.4	7.0	8.0	8.9	13.3	AN	14	13.3	
2	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
3	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
4	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
5	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	10.2	6.4	5.2	10.5	11.0	15.1	17.5	21.9	18.7	15.6	16.1	18.0	12	21.9	
6	18.5	21.2	22.6	19.2	14.4	17.3	18.7	14.6	11.7	10.9	12.2	10.9	14.8	9.3	9.5	11.2	8.3	10.2	10.5	10.2	10.9	6.6	11.7	13.4	24	22.6	
7	10.5	10.7	10.0	12.2	10.7	9.0	11.2	10.7	10.0	8.3	10.5	9.0	7.4	8.8	7.4	8.1	10.0	11.5	14.6	11.0	12.4	11.0	11.0	13.2	24	14.6	
8	11.5	17.0	8.1	10.0	14.4	12.7	18.3	19.7	17.0	13.4	8.6	9.6	BA	BA	BA	7.2	10.0	14.4	11.0	19.7	15.6	18.7	22.7	11.5	21	22.7	
9	12.2	13.9	10.0	13.6	14.1	18.3	14.4	16.1	14.1	10.3	6.7	5.5	8.4	9.3	8.9	6.9	6.5	14.4	15.1	22.9	24.4	27.9	21.0	20.5	24	27.9	
10	20.5	22.7	25.6	26.9	26.2	24.7	31.0	23.9	22.5	11.8	14.2	15.4	14.4	16.6	10.8	16.4	20.1	16.4	16.9	23.0	15.9	19.6	23.0	26.7	24	31.0	
11	33.6	25.4	35.8	28.6	30.8	27.9	32.2	32.9	27.4	21.5	10.8	10.6	10.6	12.8	11.3	8.6	11.8	22.0	19.1	15.7	17.1	12.8	16.7	19.6	24	35.8	
12	19.8	15.7	23.2	20.3	20.8	23.2	13.5	13.7	16.7	14.0	8.2	13.7	13.3	11.5	9.4	12.3	8.7	15.7	12.5	7.5	9.6	12.0	10.3	11.8	24	23.2	
13	10.8	11.6	8.7	8.4	15.7	16.7	15.0	16.2	7.9	8.4	9.6	7.2	5.8	7.2	AV	11.0	9.8	8.6	10.8	9.3	6.2	8.4	8.1	9.1	23	16.7	
14	11.0	10.3	12.0	11.5	12.2	13.9	12.5	10.5	13.7	11.2	10.5	11.2	6.7	15.2	11.3	10.1	11.3	12.7	12.5	12.0	13.7	10.5	11.0	13.2	24	15.2	
15	13.7	12.4	13.7	11.0	12.2	11.7	11.0	11.0	17.1	13.9	12.2	13.4	10.8	16.4	20.8	13.2	14.9	13.4	12.0	22.0	13.4	14.7	13.2	17.6	24	22.0	
16	19.5	13.2	15.1	19.0	16.6	16.6	15.1	15.4	12.5	13.2	10.3	9.3	11.8	17.1	17.4	11.5	12.5	16.6	17.3	13.2	16.6	13.7	18.3	11.7	24	19.5	
17	15.1	12.0	16.9	17.3	14.9	15.4	21.3	17.8	14.7	13.0	13.0	13.7	15.4	12.3	12.0	14.5	12.3	16.9	11.5	9.8	13.7	14.2	13.9	14.2	24	21.3	
18	13.0	12.5	16.1	13.2	14.7	13.0	14.9	17.6	14.9	18.1	11.5	9.1	9.6	13.0	9.9	10.6	10.1	10.3	14.2	9.4	7.9	6.2	4.5	13.7	24	18.1	
19	10.3	8.6	11.5	10.8	12.2	13.5	10.6	13.2	12.3	12.0	14.5	13.2	15.7	14.5	11.8	11.5	10.1	14.7	11.5	14.7	11.0	11.8	13.5	13.5	24	15.7	
20	13.2	10.6	13.5	14.4	17.4	15.7	17.4	17.1	18.1	13.0	14.9	13.2	13.7	13.2	12.8	14.5	11.8	12.5	17.6	14.0	13.7	17.1	23.7	21.7	24	23.7	
21	14.4	15.4	9.6	11.7	14.7	17.8	11.5	17.8	16.4	AX	AX	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	9	17.8
22	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
23	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
24	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
25	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
26	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	AZ	AZ	7.5	8.2	8.7	15.5	13.8	16.4	16.4	18.6	20.8	18.8	19.8	11	20.8	
27	18.3	21.0	20.3	18.3	19.6	19.6	26.7	23.0	22.3	21.3	20.1	18.6	19.9	20.8	15.7	16.0	20.6	18.6	27.2	23.3	28.4	28.7	23.7	27.9	24	28.7	
28	19.6	17.6	16.9	14.7	16.2	20.8	23.5	22.3	24.7	21.3	13.2	14.0	12.8	15.2	11.3	10.1	11.8	16.4	21.5	19.3	20.3	21.5	21.5	24.5	24	24.7	
29	23.2	22.5	19.6	23.0	20.1	18.1	16.9	24.2	23.0	15.4	10.3	6.3	7.2	21.3	10.6	9.6	15.2	19.6	23.0	25.0	33.4	43.5	32.5	36.8	24	43.5	
30	33.9	32.7	30.6	27.2	25.0	28.7	25.5	28.0	25.2	28.7	13.0	11.1	18.6	20.1	18.6	16.7	20.6	27.7	29.4	25.7	31.3	27.7	26.2	25.7	24	33.9	
31																										0	
NO.:	21	21	21	21	21	21	21	21	21	19	19	19	19	20	19	21	21	21	22	22	22	22	22	21			
MAX:	33.9	32.7	35.8	28.6	30.8	28.7	32.2	32.9	27.4	28.7	20.1	18.6	19.9	21.3	20.8	16.7	20.6	27.7	29.4	25.7	33.4	43.5	32.5	36.8			
AVG:	16.55	15.82	16.43	16.05	16.60	17.20	17.56	17.81	16.66	14.72	11.81	11.32	11.95	13.43	11.73	11.39	12.52	15.31	15.57	16.05	16.40	16.90	17.03	18.29			

MONTHLY OBSERVATIONS: 498 MONTHLY MEAN: 15.29 MONTHLY MAX: 43.5

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-191-0005 POC: 3
 COUNTY: (191) Wayne
 CITY: (26880) Goldsboro
 SITE ADDRESS: DEVEREAU ST
 SITE COMMENTS: THIS SITE SUPERSEDES GOLDSBORO 37-191-0004
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (2980) GOLDSBORO, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
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 LONGITUDE: -77.993893
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 33
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environment And Natural Resources
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2012

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 5

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	26.0	36.6	25.7	26.0	27.7	28.0	28.7	25.7	33.0	23.0	10.4	8.5	8.7	20.1	15.0	14.0	13.0	18.6	20.4	22.8	39.1	39.6	33.7	26.2	24	39.6	
2	26.5	22.8	25.5	27.0	19.8	31.8	29.9	26.0	21.1	28.9	14.7	16.7	13.3	13.0	15.0	7.5	11.3	11.8	12.3	14.5	11.6	18.4	20.1	29.7	24	31.8	
3	24.8	14.5	14.5	15.2	13.1	13.3	14.0	20.6	14.0	15.3	10.6	9.7	7.5	7.3	11.6	13.3	12.6	14.8	14.8	23.3	24.1	18.6	19.6	17.0	24	24.8	
4	13.0	18.4	16.0	17.2	20.1	19.1	22.1	15.7	16.5	13.8	26.9	BA	BA	9.2	7.7	7.0	9.2	9.9	17.7	23.6	16.7	12.3	15.2	9.2	22	26.9	
5	11.1	11.8	15.5	15.2	15.7	14.7	15.5	18.9	15.0	12.3	12.8	8.7	10.9	12.6	11.6	14.7	11.6	10.6	8.7	6.8	5.3	4.5	8.0	8.2	24	18.9	
6	8.9	9.1	8.2	7.4	8.2	9.4	9.1	13.5	9.6	9.6	5.8	4.5	6.0	6.8	5.0	6.8	7.2	11.1	9.6	7.4	7.0	6.7	6.2	10.5	24	13.5	
7	6.5	2.0	6.7	9.8	6.2	5.7	6.0	7.0	5.7	7.0	5.5	2.1	2.1	3.3	8.7	14.0	9.4	12.1	9.9	7.0	5.5	8.5	13.8	14.3	24	14.3	
8	16.7	22.6	28.5	23.5	20.1	21.1	19.4	20.9	22.1	11.3	14.3	12.1	10.1	11.8	9.6	19.1	13.5	17.9	16.7	19.1	24.0	16.7	16.9	18.4	24	28.5	
9	24.0	19.4	16.5	20.1	18.6	23.8	24.3	20.6	19.9	25.3	25.5	15.7	6.8	9.9	13.5	12.6	9.4	7.5	8.5	9.2	8.9	7.0	6.5	6.0	24	25.5	
10	8.2	5.8	7.7	7.8	5.6	3.1	5.8	6.3	7.0	6.3	13.5	11.6	16.0	11.1	11.8	8.5	9.4	11.6	13.5	9.6	12.1	16.2	18.1	12.6	24	18.1	
11	21.8	9.4	12.8	12.3	9.9	11.8	13.3	15.7	19.4	12.6	11.8	8.2	7.5	9.6	9.1	7.5	8.0	8.7	8.4	8.7	5.8	10.6	12.8	13.5	24	21.8	
12	15.2	13.0	13.2	10.5	13.7	9.1	7.0	10.8	9.6	14.7	11.5	11.5	7.9	6.0	8.1	8.4	8.4	10.3	8.4	7.2	8.6	6.0	5.0	6.5	24	15.2	
13	8.2	9.6	10.3	9.6	9.8	12.7	14.4	19.3	15.2	17.8	18.6	19.3	12.5	10.8	9.4	9.6	10.1	8.9	9.3	12.2	10.1	9.8	12.0	12.3	24	19.3	
14	11.5	15.9	9.1	9.8	17.1	14.9	11.3	18.8	11.0	9.6	10.1	7.5	6.5	4.5	4.5	3.3	4.3	8.1	9.6	15.9	10.6	20.8	20.6	21.5	24	21.5	
15	16.6	23.0	13.5	14.7	18.3	22.2	21.5	15.2	17.4	25.7	11.0	13.2	18.9	3.3	3.3	7.5	13.5	18.6	18.4	14.7	12.8	12.0	15.7	19.1	24	25.7	
16	14.5	11.8	13.0	18.6	19.1	14.0	18.1	22.3	17.9	23.3	21.6	16.0	10.9	13.3	9.9	12.1	16.0	14.7	10.1	10.6	15.5	16.0	14.0	11.1	24	23.3	
17	15.7	10.6	16.5	16.9	11.8	12.3	14.0	13.3	11.8	12.3	10.4	8.0	4.6	5.3	13.0	11.1	11.8	10.6	8.7	9.4	6.3	9.6	8.0	4.1	24	16.9	
18	4.8	7.0	9.2	7.7	6.1	7.0	8.2	7.5	11.1	8.7	8.0	7.5	8.0	8.2	14.5	8.7	6.5	8.2	5.5	4.3	8.7	7.0	4.8	6.0	24	14.5	
19	8.6	7.9	13.5	10.8	14.0	14.4	10.1	17.8	20.3	7.0	10.7	AX	AX	1.3	3.3	5.3	6.8	6.5	12.8	22.3	22.0	18.8	29.2	27.9	22	29.2	
20	21.8	27.4	13.5	14.2	12.5	12.5	11.3	12.3	10.1	10.6	9.9	9.2	9.6	9.4	10.4	9.4	6.5	8.0	11.3	7.5	2.6	.6	.8	1.1	24	27.4	
21	5.1	9.2	9.2	7.0	5.5	5.7	6.5	5.2	2.5	1.3	.0	-1.0	3.8	4.0	1.3	.3	4.3	6.0	3.0	1.3	3.0	2.5	1.0	1.8	24	9.2	
22	2.8	1.3	-.1	-1.0	-.6	1.8	2.0	4.0	2.3	-.1	-1.3	-1.5	-2.0	-1.7	-1.0	1.6	4.8	3.5	2.0	3.0	6.0	7.2	8.2	19.3	24	19.3	
23	10.1	10.6	13.0	13.0	14.2	9.6	11.0	8.9	10.1	5.5	3.0	8.0	6.3	6.8	5.5	4.0	4.3	4.5	10.3	15.4	24.5	6.5	7.0	6.7	24	24.5	
24	5.5	6.0	11.0	7.9	6.5	14.2	9.4	13.0	14.2	14.0	10.4	8.2	8.9	8.9	6.8	11.8	11.6	16.9	10.9	10.4	13.8	10.1	8.2	12.3	24	16.9	
25	8.0	10.4	11.1	7.7	9.2	9.4	9.4	9.4	9.4	7.7	5.8	6.8	5.6	6.1	4.8	11.6	10.4	14.0	11.1	11.6	8.9	12.5	12.3	12.0	24	14.0	
26	12.5	15.0	16.9	14.7	19.3	17.1	15.0	9.8	11.6	6.8	7.7	7.3	2.6	1.4	3.1	6.8	7.3	7.5	7.0	5.3	3.1	3.1	4.3	3.1	24	19.3	
27	2.3	4.8	4.8	3.8	3.8	2.8	1.8	4.8	4.0	2.6	3.6	4.1	3.3	1.1	4.8	5.3	3.6	8.2	6.5	7.0	7.7	6.5	7.7	7.0	24	8.2	
28	5.8	5.0	7.0	6.7	8.4	5.8	3.5	3.3	5.3	7.9	7.2	12.8	10.3	10.6	6.8	6.5	9.9	14.5	13.0	13.5	10.6	11.3	14.9	15.7	24	15.7	
29	17.1	12.0	12.3	10.6	10.6	10.8	8.7	10.1	6.5	7.2	6.0	4.3	3.3	2.8	5.8	6.0	4.3	4.8	8.7	7.7	5.3	4.5	6.2	5.0	24	17.1	
30	4.5	5.3	5.5	4.5	4.5	5.5	7.0	7.7	6.2	5.0	2.8	.0	.8	1.8	3.1	2.3	4.3	7.9	8.2	8.9	10.6	9.6	10.3	10.3	24	10.6	
31	15.4	12.3	12.7	12.8	13.5	9.8	12.0	10.6	13.2	15.9	9.8	11.1	8.0	5.0	7.7	7.0	4.3	5.5	11.3	9.4	8.9	8.7	10.6	8.7	24	15.9	
NO.:	31	31	31	31	31	31	31	31	31	31	29	29	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	26.5	36.6	28.5	27.0	27.7	31.8	29.9	26.0	33.0	28.9	26.9	19.3	18.9	20.1	15.0	19.1	16.0	18.6	20.4	23.6	39.1	39.6	33.7	29.7			
AVG:	12.69	12.60	12.67	12.32	12.33	12.69	12.59	13.39	12.68	11.90	10.28	8.62	7.54	7.21	7.86	8.50	8.63	10.38	10.54	11.28	11.60	11.04	11.99	12.16			

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 11.00 MONTHLY MAX: 39.6

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.

QUALIFIER CODES:

Qualifier Code	Qualifier Description	Qualifier Type
1	Deviation from a CFR/Critical Criteria Requirement	QA
3	Field Issue	QA
4	Lab Issue	QA
5	Outlier	QA
6	QAPP Issue	QA
AB	Technician Unavailable	NULL
AC	Construction/Repairs in Area	NULL
AD	Shelter Storm Damage	NULL
AF	Scheduled but not Collected	NULL
AG	Sample Time out of Limits	NULL
AH	Sample Flow Rate out of Limits	NULL
AJ	Filter Damage	NULL
AL	Voided by Operator	NULL
AM	Miscellaneous Void	NULL
AN	Machine Malfunction	NULL
AO	Bad Weather	NULL
AQ	Collection Error	NULL
AR	Lab Error	NULL
AS	Poor Quality Assurance Results	NULL
AT	Calibration	NULL
AV	Power Failure	NULL
AW	Wildlife Damage	NULL
AX	Precision Check	NULL
AZ	Q C Audit	NULL
BA	Maintenance/Routine Repairs	NULL
BE	Building/Site Repair	NULL
BI	Lost or damaged in transit	NULL
BJ	Operator Error	NULL
IE	Demolition	INFORM
IH	Fireworks	INFORM
IT	Wildfire-U. S.	INFORM
SA	Storm Approaching	NULL
TT	Transport Temperaure is Out of Specs.	QA
V	Validated Value	QA
VB	Value below normal; no reason to invalidate	QA
X	Filter Temperature Difference out of Spec.	QA

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