

User ID: XJLSTEGER

RAW DATA REPORT

Report Request ID: 1657133

Report Code: AMP350

May. 30, 2018

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		

AGENCY SELECTIONS

North Carolina Dept Of Environmental Quality

SELECTED OPTIONS

Option Type	Option Value
INCLUDE NULLS	YES
DAILY STATISTICS	MAXIMUM
UNITS	STANDARD
RAW DATA EVENTS	INCLUDE EVENTS
MERGE PDF FILES	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
2015 01 01	2015 12 31

APPLICABLE STANDARDS

Standard Description
PM25 24-hour 2012

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(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: 36.0890040009
 LONGITUDE: -79.407821
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 194
 PROBE HEIGHT: 2

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

REPORT FOR: 2015

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			12.0									
2												
3												
4												
5		5.4										
6	6.0											
7			9.2									
8												
9												
10												
11		10.3										
12	12.3											
13			4.3									
14												
15												
16												
17		9.8 V										
18	7.6											
19			8.6									
20												
21												
22												
23		9.5										
24	3.8											
25			6.7									
26												
27												
28												
29												
30	5.5											
31			4.8									
NO.:	5	4	6	0	0	0	0	0	0	0	0	0
MAX:	12.3	10.3	12.0									
MEAN:	7.04	8.75	7.60									
ANNUAL OBSERVATIONS:		15										
ANNUAL MEAN:			7.72									
ANNUAL MAX:			12.3									

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

May. 30, 2018

(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: 35.6062000009
 LONGITUDE: -82.5844
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 662.94
 PROBE HEIGHT: 8

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
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2015

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					7.2				
2		3.6				3.9	11.6				1.9	2.2
3	11.8			7.0	12.1				14.8	.5		
4			5.5					9.0				
5		4.7				6.6	5.7				4.0	12.4
6	8.9			6.0	12.6				11.4	3.5		
7			7.1					3.4				
8		9.9				8.7	11.5				3.9	11.0
9	.9			11.0	7.6				5.7	8.0		
10			9.2					8.7				
11		7.6				10.7	11.2				4.7	12.0
12	5.4			9.8	6.7				4.7	4.7		
13			6.2					7.1				
14		6.6				8.6	2.6				3.1	2.4
15	7.3			.8	12.0				6.1	5.2		
16			3.9					11.2				
17		6.6				9.5	10.6				8.4	3.7
18	4.6			5.2	9.1				10.0	4.2		
19			AN					4.3				
20		7.6				6.2	10.3				4.3	5.3
21	7.0			4.2	5.9				8.0	AG		
22			AN					8.1				
23		10.6				14.4	6.9				4.7	1.3
24	4.6			5.0	8.5				4.5	14.9		
25			4.5					6.2				
26		AQ				BJ	11.2				6.5	2.7
27	5.1			6.1	AG				.7	.8		
28			4.3					11.8				
29						6.5	11.2				8.7	4.3
30	2.7			8.2	7.8				AV	4.2		
31			8.5					7.8				
NO.:	10	8	9	10	9	9	10	11	9	9	10	10
MAX:	11.8	10.6	9.5	11.0	12.6	14.4	11.6	11.8	14.8	14.9	8.7	12.4
MEAN:	5.83	7.15	6.52	6.33	9.14	8.34	9.28	7.71	7.32	5.11	5.02	5.73
ANNUAL OBSERVATIONS:		114		ANNUAL MEAN:	6.95	ANNUAL MAX:	14.9					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(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: 35.6062000009
 LONGITUDE: -82.5844
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 662.94
 PROBE HEIGHT: 8

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
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2015

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											2.0	2.2
3									15.3	.4		
4								9.2				
5		5.1 FB				5.7	5.7					
6	9.9			7.5	11.6							
7			7.0								4.2	11.2
8												
9									5.1	8.2		
10								8.7				
11		8.5 FB				10.9	11.9					
12	5.9			10.3	6.2							
13			5.3								2.7	1.8
14									5.5	5.4		
15								11.1				
16						8.9	10.8					
17		6.9 FB										
18	5.4 FB			4.6	8.5							
19			8.7								4.9	5.8
20												
21									8.0	AG		
22								8.5 X				
23		10.0				13.4	7.8					
24	4.7 FB			4.7	7.4							
25			4.8									
26											6.5	Bj
27									.5	1.1		
28								12.0				
29						6.6	11.1					
30	3.0 FB			7.2	7.7							
31			7.3									
NO.:	5	4	6	5	5	5	5	5	5	4	5	4
MAX:	9.9	10.0	9.7	10.3	11.6	13.4	11.9	12.0	15.3	8.2	6.5	11.2
MEAN:	5.78	7.63	7.13	6.86	8.28	9.10	9.46	9.90	6.88	3.78	4.06	5.25
ANNUAL OBSERVATIONS:		58		ANNUAL MEAN:	7.09	ANNUAL MAX:	15.3					

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2015

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	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		
2	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	AX	AX	5.0 6	2.0 6	9.0 6	6.0 6	7.0 6	8.0 6	8.0 6	8.0 6	9.0 6	17.0 6	13.0 6	13.0 6	12	17.0	
3	17.0 6	9.0 6	8.0 6	9.0 6	16.0 6	16.0 6	8.0 6	17.0 6	7.0 6	14.0 6	16.0 6	13.0 6	9.0 6	9.0 6	14.0 6	9.0 6	12.0 6	15.0 6	13.0 6	7.0 6	2.0 6	8.0 6	7.0 6	5.0 6	24	17.0	
4	.0 6	8.0 6	10.0 6	10.0 6	9.0 6	5.0 6	21.0 6	2.0 6	4.0 6	3.0 6	3.0 6	3.0 6	3.0 6	.0 6	2.0 6	3.0 6	4.0 6	3.0 6	6.0 6	5.0 6	6.0 6	5.0 6	2.0 6	2.0 6	24	21.0	
5	1.0 6	.0 6	.0 6	3.0 6	6.0 6	5.0 6	7.0 6	7.0 6	5.0 6	3.1 6	2.1 6	4.9 6	3.4	6.1	4.9	3.4	3.4	3.9	3.9	8.5	6.6	3.7	16.2	2.2	24	16.2	
6	9.2	8.0	7.3	4.9	4.7	5.4	13.8	8.0	10.0	11.0	8.5	AX	BA	2.9	3.2	2.2	3.7 6	3.7	4.9 6	6.8	7.3	8.0	20.5	16.5	22	20.5	
7	10.0	11.0	9.5	8.3	11.5	8.7	8.7	11.0	8.5	6.4	6.4	5.4	3.4	7.5	5.9	1.2	.5	7.0	7.8	7.5	6.9	8.5 6	6.8 6	3.9 6	24	11.5	
8	7.2 6	5.1 6	1.7 6	4.6 6	5.6 6	6.1 6	3.2 6	1.4 6	6.8 6	7.0 6	5.2	2.9	2.7	1.4	5.9	4.2	1.7	5.9	12.0	11.8	14.0	10.0	7.8	7.0	24	14.0	
9	7.0	8.3	6.8	9.5	7.3	7.5	7.3	7.5	15.7	10.5	7.0	4.7	7.3	7.0	5.2	3.4 6	6.3	6.3	7.3	7.5	10.3	6.8	5.2	7.3	24	15.7	
10	7.5	5.1	6.1	4.2	6.8	3.7	.0	2.0	4.4	4.7	4.2	4.4	2.4 6	7.0 6	5.4 6	3.7	4.2	5.4	9.0	7.3	2.0	1.5	3.9	18.9	24	18.9	
11	2.9	22.6	21.6	21.3	27.5	20.3	23.0	29.6	7.8	17.5	16.5	11.3	9.8 6	7.6 6	10.3 6	12.8	10.6	10.6	20.6 6	14.8 6	11.3 6	28.2	25.5	21.3	24	29.6	
12	18.9	18.9	14.3	13.3	14.0	19.6	27.0	6.5	15.0	15.7	12.8	13.5	15.3	10.8	15.0	12.3	13.8	15.3	10.6 6	10.1 6	18.7 6	13.3	9.8	10.8	24	27.0	
13	16.5	13.3	18.0	12.6	11.8	10.6	12.3	9.3	13.0	15.3	18.9	20.6	14.8	17.0	21.3	17.0	17.0	AV	AV	11.6	11.8	10.3	10.0	8.3	22	21.3	
14	9.5	8.8	8.0	4.4	4.2	5.9	8.5	9.8	7.5	7.0	3.9	6.4	7.5	11.0	7.8	6.2	7.5	9.5	7.3	10.8	7.8	12.0	13.0	16.3	24	16.3	
15	9.3	7.0	4.4	12.5	8.8	5.4	5.2	4.4	7.0	5.9	6.3	4.9	4.7	11.3	9.5	12.8	17.7	12.3	22.1	20.8	23.3	27.2	18.6	23.5	24	27.2	
16	12.5	18.9	15.7	16.5	14.0	13.8	12.0	9.0	7.0	5.4	6.6	5.2	2.7	4.9 6	3.5	5.4 6	5.2	4.7	4.4 6	7.0	7.0	6.1	4.9	7.0	24	18.9	
17	7.0	15.3	9.3	7.8	6.5	9.0	7.5	6.8	8.5	11.5	16.0 6	9.3 6	7.5 6	7.8 6	7.5 6	10.6 6	12.6 6	9.0 6	13.8 6	9.0	13.5	16.0	18.2	10.8	24	18.2	
18	15.7	19.2	10.6	14.3	17.5	16.0	17.7	14.8	22.3 6	20.5 6	12.5 6	10.7 6	9.3 6	7.0 6	4.1 6	6.1 6	6.1 6	8.7 6	6.5 6	5.6 6	7.5 6	4.9 6	3.4 6	5.1 6	24	22.3	
19	5.1 6	5.3 6	5.6 6	5.1 6	6.1 6	9.2 6	7.5 6	5.1 6	4.9 6	3.6 6	AN	-2.7 6	AN	2.7 6	2.4 6	.9 6	4.1 6	9.2 6	7.0 6	7.2 6	7.0 6	7.0 6	8.5 6	7.5 6	22	9.2	
20	6.5 6	5.3 6	6.5 6	9.5 6	9.2 6	6.7 6	7.2 6	8.2 6	7.2 6	5.8 6	5.6 6	3.6 6	2.2 6	5.4 6	6.8 6	5.2 6	4.9 6	6.8 6	7.2 6	8.2 6	17.2 6	-5.0 6	-5.0 6	17.4 6	24	17.4	
21	3.1 6	37.1 6	11.5 6	.9 6	25.0 6	10.0 6	38.6 6	-5.0 6	17.9 6	-5.0 6	41.1 6	9.0 6	23.0 6	5.6 6	7.0 6	7.3 6	9.5 6	14.2 6	9.5 6	13.2 6	16.4 6	34.0 6	21.8 6	59.9 6	24	59.9	
22	22.5 6	18.9 6	41.1 6	17.2 6	35.7 6	17.4 6	69.5 6	37.9 6	14.2 6	AT	AT	AT	AT	AT	.6	.1	3.8	3.8	8.1	8.4	8.4	6.4	5.5 6	5.3 6	19	69.5	
23	6.9	11.4	13.4	11.9	10.6	11.4	9.6	13.6	14.4	14.1	10.4	9.9	24.4	12.9	21.1	10.9	15.1	9.6	17.8	11.1	7.4	4.3	1.8	3.3	24	24.4	
24	5.5	4.0	1.3	.8	2.1	1.8	2.3	.8	.0	.1	3.0	2.6	2.3	2.6	3.8	4.8	5.0	6.4	8.4	5.5	5.2	6.2	7.9	6.2	24	8.4	
25	7.4	7.9	7.9	8.9	9.9	10.1	10.1	7.1	10.9	11.6	9.1	5.7	8.9	8.9	5.3	5.9	5.5	5.0	6.6	8.9	6.4	5.7	11.6	8.1	24	11.6	
26	6.0	5.8	6.0	5.0	7.6	9.1	8.6	9.1	9.6	10.9	8.6	9.4	7.6	11.6	11.4	11.9	8.6	9.1	11.4	11.4	7.1	4.3	3.8	2.8	24	11.9	
27	5.3	6.2	6.9	5.0	7.1	9.6	10.6	8.6	8.4	6.9	5.9	5.7	3.8	4.5	5.0	4.5	6.0	4.0	3.8	2.3	2.5	5.5	6.0 6	5.7 6	24	10.6	
28	8.6	10.4	9.6	8.1	12.4	12.4	10.4	9.4	11.9	8.1	6.0	3.8	2.6	5.0	3.8	4.3	4.3	5.7	7.1	14.6	29.7	5.5	6.9	6.2	24	29.7	
29	7.1	6.4	15.6	8.6	9.6	10.9 6	10.4	9.4 6	16.1	10.1	12.4	10.6	12.4	11.6	11.6	18.5	9.4	16.3	12.6	17.6	18.3	10.9	16.3	18.3	24	18.5	
30	18.8	21.1	22.1	22.7	11.4	6.0	3.1	3.0	1.1	2.5	4.0	3.3	2.5	2.8	3.3	3.0	2.1	6.0	3.5 6	2.3 6	3.5 6	6.0 6	7.4 6	4.5 6	24	22.7	
31	1.6 6	1.1	2.0 6	2.3 6	.6 6	3.0 6	2.6 6	3.1 6	6.2	4.8	2.8	2.8	6.2	5.3	4.5	2.3	4.0	5.0	4.0	7.4	8.9	8.6	11.6	11.6	24	11.6	
NO.:	29	29	29	29	29	29	29	29	29	28	27	27	27	29	30	30	30	29	29	30	30	30	30	30	30		
MAX:	22.5	37.1	41.1	22.7	35.7	20.3	69.5	37.9	22.3	20.5	41.1	20.6	24.4	17.0	21.3	18.5	17.7	16.3	22.1	20.8	29.7	34.0	25.5	59.9			
AVG:	8.81	11.01	10.37	9.04	10.98	9.50	12.85	8.84	9.39	8.29	9.44	6.81	7.54	6.87	7.37	6.63	7.19	7.91	9.11	9.24	10.10	9.53	9.66	11.19			

MONTHLY OBSERVATIONS: 697 MONTHLY MEAN: 9.08 MONTHLY MAX: 69.5

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

May. 30, 2018

(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 Environmental Quality

MONITOR TYPE: SLAMS

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2015

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	12.4	12.6	15.3	15.9	18.3	15.1	16.3	16.6	15.8	14.1	15.6	13.4	18.6	10.9	12.6	8.9	10.1	13.1	12.1	7.6	11.4	18.1	12.9	8.4	24	18.6	
2	5.7	5.5	5.7	2.6	2.1	3.1	2.6	.9	.1	3.1	2.1	1.6	3.5	1.8	5.0	4.8	6.9	10.4	10.4	9.4	9.7	10.7	7.9	5.5	24	10.7	
3	5.5	4.8	6.0	5.8	7.6	8.9	6.9	5.2	5.5	4.3	AX	BA	1.6	5.3	5.8	7.4	9.1	7.1	4.0	3.3	6.7	14.6	15.8	13.4	22	15.8	
4	17.3	18.8	14.4	12.4	16.8	12.1	12.1	17.3	13.4	13.4	11.9	15.1	9.1	5.0	8.4	8.9	8.9	7.4	13.1	18.6	16.8	13.4	12.1	16.1	24	18.8	
5	13.9	16.8	15.8	12.4	10.4	6.2	10.1	11.9	12.6	7.4	3.0	2.3	4.3	4.5	3.3	4.3	5.0	6.0	11.1	7.1	5.0	5.0	8.9	5.3	24	16.8	
6	4.0	3.5	5.5	6.6	6.5	4.7	8.1	9.4	8.1	6.0	4.0	7.1	6.1	4.3	4.8	5.7	8.1	9.6	9.1	18.5	10.4	17.1	17.8	24.4	24	24.4	
7	26.6	23.9	11.4	13.1	17.6	12.1	17.3	16.1	20.2	15.6	15.1	9.9	6.2	6.6	9.1	11.6	11.4	16.1	15.8	16.1	16.3	17.1	15.4	15.8	24	26.6	
8	19.4	18.6	21.7	21.9	23.9	17.8	17.6	17.3	17.1	16.6	13.9	12.1	13.4	11.1	6.6	8.1	5.4	3.8	6.9	7.4	7.4	7.4	6.4	14.6	24	23.9	
9	11.9	12.1	8.6	7.6	15.6	16.6	11.1	11.9	8.1	13.6	11.4	14.1	13.1	14.4	12.4	15.6	16.8	15.9	21.7	13.1	20.7	17.6	21.1	14.9	24	21.7	
10	14.9	9.1	6.4	4.0	5.3	4.8	5.5	4.5	3.8	9.1	6.4	7.1	8.6	9.4	6.7	7.9	8.4	7.4	12.4	8.1	10.6	8.4	10.9	16.3	24	16.3	
11	8.9	15.4	16.8	8.9	12.6	10.4	11.4	15.6	13.9	17.5	14.1	11.6	11.6	7.1	4.0	10.1	9.1	11.9	10.6	12.9	13.6	11.6	13.1	15.6	24	17.5	
12	11.4	17.8	14.4	14.6	10.6	10.9	9.9	15.6	20.2	11.9	9.9	12.6	9.6	5.5	4.0	2.6	1.1	AV	5.5	4.5	3.0	3.5	7.4	5.0	23	20.2	
13	2.8	4.7	6.9	4.0	3.3	5.5	4.0	2.8	4.3	3.3	4.3	4.5	5.3	2.3	4.3	7.1	9.4	5.5	14.6	7.9	10.6	8.9	7.1	10.9	24	14.6	
14	13.3	15.3	15.1	9.3	12.9	13.4	14.8	15.1	14.6	12.1	11.4	6.4	5.5	8.4	7.1	6.1	7.6	6.6	3.5	5.9	8.1	6.4	7.4	6.6	24	15.3	
15	7.4	4.7	4.2	2.5	3.8	1.8	1.0	5.0	4.2	1.0	.3	2.3	2.8	1.8	3.3	3.3	5.7	4.8	4.5	4.7	5.5	2.8	3.7	6.0	24	7.4	
16	4.7	4.0	6.0	3.5	6.4	5.5	1.6	5.0	9.1	6.9	11.3	6.0	1.8	4.8	3.5	4.2	6.6	8.1	7.6	11.6	10.6	7.8	6.6	5.5	24	11.6	
17	6.2	5.0	6.4	4.7	3.3	5.5	9.6	8.6	10.6	7.6	9.1	7.1	11.6	8.6	9.9	9.1	8.4	12.1	16.1	13.1	20.4	19.6	27.1	17.3	24	27.1	
18	11.1	14.8	13.8	14.4	12.6	9.4	9.9	9.1	11.9	8.4	8.1	5.7	8.1	11.9	17.3	17.0	11.1	7.6	7.9	6.6	5.0	5.5	8.8	7.4	24	17.3	
19	5.0	6.8	6.6	5.5	6.5	7.6	21.4	9.1	6.2	7.4	5.0	4.2	5.7	7.6	5.5	3.8	8.6	8.6	11.4	8.8	6.6	5.9	9.6	8.6	24	21.4	
20	8.8	6.6	15.3	7.3	8.1	9.9	14.1	1.8	AT	AT	AT	2.9	4.6	5.1	5.8	9.7	7.2	12.2	13.7	8.2	18.4	6.7	9.2	10.2	21	18.4	
21	11.4	17.6	13.9	13.5	12.9	9.0	11.0	10.7	7.7	9.2	10.0	9.7	6.2	6.0	11.5	9.2	13.7	11.2	17.6	13.2	12.5	20.2	15.2	16.4	24	20.2	
22	15.9	15.7	11.7	17.9	16.4	21.2	18.4	25.9	18.9	19.2	16.4	19.0	18.1	13.9	9.4	8.5	12.0	12.0	11.7	18.8	17.6	12.7	10.2	13.4	24	25.9	
23	12.9	18.1	8.2	7.5	9.9	6.5	4.8	8.4	10.2	9.4	9.0	9.9	8.7	AZ	9.2	11.7	18.1	10.4	7.2	6.4	11.7	8.6	7.9	10.4	23	18.1	
24	16.6	19.3	13.7	8.9	8.9	8.9	7.2	10.9	6.0	3.8	13.4	7.1	14.4	7.4	5.0	3.8	5.3	5.3	5.0	7.7	7.6	15.4	7.6	15.8	24	19.3	
25	15.4	11.4	19.0	22.4	20.7	21.2	17.6	17.8	18.0	11.2	7.9	8.2	6.7	4.3	3.8	2.6	2.1	8.9	9.9	16.4	6.9	13.1	15.9	8.4	24	22.4	
26	17.6	11.6	9.1	6.4	10.9	9.6	6.7	3.3	8.6	9.4	11.7	AV	9.6	10.4	11.9	13.4	12.7	17.6	11.9	14.1	28.5	35.3	23.7	21.2	23	35.3	
27	22.7	27.1	19.3	20.4	22.9	32.9	27.3	25.6	19.0	14.6	13.4	15.4	13.9	13.7	15.9	15.6	12.4	14.9	12.7	12.7	10.9	9.2	10.7	8.6	24	32.9	
28	7.7	6.9	6.4	7.1	7.6	33.7	10.4	19.0	28.8	15.4	15.4	13.4	9.9	11.9	10.7	8.4	15.4	9.7	11.9	12.1	12.9	16.8	16.4	13.4	24	33.7	
29																										0	
30																										0	
31																										0	
NO.:	28	28	28	28	28	28	28	28	27	27	26	26	28	27	28	28	28	27	28	28	28	28	28	28	28		
MAX:	26.6	27.1	21.7	22.4	23.9	33.7	27.3	25.9	28.8	19.2	16.4	19.0	18.6	14.4	17.3	17.0	18.1	17.6	21.7	18.8	28.5	35.3	27.1	24.4			
AVG:	11.84	12.45	11.34	10.04	11.23	11.58	11.03	11.44	11.74	10.06	9.77	8.80	8.52	7.56	7.74	8.19	9.16	9.79	10.71	10.53	11.62	12.12	12.03	11.98			

MONTHLY OBSERVATIONS: 664 MONTHLY MEAN: 10.48 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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2015

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	17.3	15.6	12.1	10.9	11.6	14.6	15.6	13.6	17.1	12.7	14.4	8.4	8.2	6.9	7.2	7.4	10.4	13.9	15.9	17.8	21.7	23.4	24.9	24	24.9	
2	16.1	16.1	18.8	16.9	9.1	15.1	12.7	10.4	14.1	12.2	7.6	6 AX	BA	BA	6.7	3.5	1.1	3.3	6.9	7.4	7.6	10.1	8.4	8.6	21	18.8	
3	6.3	10.9	AN	9.6	15.8	9.4	9.4	13.4	11.2	9.4	8.7	7.9	14.1	AN	10.7	12.1	9.6	7.4	11.6	10.9	9.6	13.6	13.9	9.6	22	15.8	
4	9.6	13.6	19.2	17.8	14.1	11.9	12.1	6.1	14.1	11.9	8.4	9.6	8.9	6.9	8.4	5.9	10.1	6.1	8.1	5.7	4.5	6.6	5.9	7.4	24	19.2	
5	5.5	5.9	6.0	6.0	6.4	4.8	3.8	3.3	2.1	2.6	2.8	.6	.8	.6	2.1	5.5	5.0	3.0	7.9	8.1	7.4	10.9	7.4	7.9	24	10.9	
6	11.1	7.1	6.0	.0	64.0	91.0	8.4	8.4	8.6	11.9	9.6	9.9	6.4	8.1	8.1	6.0	5.7	6.9	8.9	24.4	5.0	4.0	3.7	10.1	24	91.0	
7	11.6	14.1	18.0	10.4	19.4	19.2	22.9	21.4	17.8	11.9	11.9	11.4	6.6	6.1	7.9	8.8	8.9	8.4	8.3	12.9	9.1	9.4	14.1	12.4	24	22.9	
8	9.1	11.9	13.9	12.1	16.3	10.9	9.6	11.9	8.4	6.1	3.8	4.3	5.0	4.3	3.5	7.4	6.1	4.5	5.6	5.4	4.3	3.5	3.3	3.3	24	16.3	
9	3.3	4.8	5.3	6.4	8.1	10.9	8.9	6.2	4.5	2.8	4.5	6.9	5.2	2.8	5.2	5.7	6.9	4.3	3.8	5.9	4.9	11.1	9.6	13.6	24	13.6	
10	14.4	13.4	12.4	16.1	21.7	22.9	18.3	14.6	15.6	AX	AT	13.1	8.4	7.6	11.9	13.1	10.4	22.7	31.9	33.6	21.6	21.2	17.6	9.6	22	33.6	
11	12.6	11.4	12.4	16.8	13.4	10.9	10.9	13.1	11.9	13.4	11.6	11.6	7.6	4.0	4.3	5.7	4.5	1.3	2.5	5.9	3.5	6.1	8.9	11.6	24	16.8	
12	5.7	2.5	8.6	5.7	5.0	6.9	6.9	8.6	8.9	6.9	13.1	7.4	8.1	6.1	5.0	8.1	5.9	7.6	11.9	7.6	6.6	6.6	5.7	6.1	24	13.1	
13	14.1	10.3	8.4	8.3	7.8	5.0	4.5	8.1	6.4	1.8	1.8	4.8	3.8	2.5	1.8	4.7	4.5	10.6	8.1	9.4	7.4	7.8	7.9	8.1	24	14.1	
14	5.0	5.2	6.6	3.8	3.3	2.0	3.3	4.5	4.5	3.3	3.3	2.5	2.3	3.3	5.2	7.6	9.3	8.1	7.1	4.5	6.4	8.3	8.1	9.4	24	9.4	
15	8.6	8.6	7.1	7.9	8.4	8.1	5.5	6.2	8.6	6.6	6.1	6.0	5.7	3.0	2.3	2.0	.0	.5	5.0	6.1	5.0	3.7	2.8	3.0	24	8.6	
16	4.5	4.5	5.7	3.5	9.6	6.2	5.9	5.7	5.0	6.4	AX	BA	BA	BA	3.5	4.2	2.3	.0	3.5	4.8	4.0	4.0	3.0	3.5	2.0	20	9.6
17	1.5	3.7	4.5	4.5	2.0	6.4	6.6	3.7	4.7	5.0	4.0	5.9	6.4	5.6	10.4	12.4	12.9	10.4	10.4	9.6	6.9	8.1	7.6	5.9	24	12.9	
18	5.6	4.7	4.0	3.0	2.0	1.5	3.0	4.0	2.5	4.3	4.2	1.8	.5	2.3	3.2	5.6	5.2	4.0	7.8	9.1	7.4	5.0	3.7	8.1	24	9.1	
19	11.6	8.6	11.1	8.6	5.7	7.4	7.4	9.4	11.8	14.6	13.6	16.0	13.3	17.5	18.3	14.6	16.1	18.5	12.6	11.9	15.6	12.1	10.6	12.4	24	18.5	
20	9.4	6.4	4.7	7.4	7.9	4.3	4.7	9.3	7.4	5.7	6.1	5.5	4.0	3.3	4.0	7.4	5.5	2.0	5.5	6.0	9.6	10.6	12.4	9.6	24	12.4	
21	9.6	9.9	6.4	10.4	7.4	6.0	4.7	3.5	9.6	8.6	6.9	6.1	5.0	5.9	6.6	5.2	3.0	6.4	7.4	10.9	10.6	8.4	5.2	16.6	24	16.6	
22	12.4	8.4	12.9	9.1	12.1	11.4	8.6	10.4	10.3	8.1	9.4	11.6	10.6	9.9	9.3	8.1	13.1	9.1	9.9	15.3	16.8	14.1	12.8	14.8	24	16.8	
23	15.6	18.2	15.6	11.1	10.6	7.8	9.3	11.6	10.1	6.4	5.7	7.9	7.4	7.6	6.9	5.9	5.4	5.4	7.4	9.3	11.1	8.8	12.8	24	18.2		
24	8.1	12.9	9.6	6.1	9.8	8.1	12.9	10.4	8.8	6.6	5.0	6.6	9.9	9.8	11.4	11.1	8.6	12.4	12.6	18.3	10.6	12.1	14.1	9.6	24	18.3	
25	14.6	11.8	8.6	6.0	6.6	9.6	10.9	8.6	11.9	11.1	9.9	9.3	11.6	13.9	9.8	10.1	13.4	14.8	12.1	7.8	12.3	17.5	14.8	13.8	24	17.5	
26	13.9	9.6	9.6	10.1	15.8	15.1	9.1	14.1	18.0	12.1	14.9	11.6	9.4	9.1	9.1	11.1	11.6	6.9	12.6	9.8	10.4	15.6	10.6	8.6	24	18.0	
27	7.9	7.4	6.1	1.8	.0	4.3	3.7	1.8	1.3	.0	.0	.3	.3	.0	.0	.0	1.8	8.1	5.2	8.6	5.7	2.0	2.5	9.8	24	9.8	
28	7.9	11.1	4.7	6.4	5.0	5.0	7.1	6.6	7.6	5.4	4.5	2.5	4.7	6.2	2.2	2.3	2.5	5.7	6.2	5.7	5.0	3.5	3.2	5.5	24	11.1	
29	6.6	4.0	.0	5.0	9.6	12.6	9.6	6.0	4.7	3.0	4.0	3.2	2.5	2.0	1.3	5.0	3.5	2.5	3.5	6.4	6.1	5.0	9.6	6.8	24	12.6	
30	4.0	4.5	6.4	5.9	5.2	5.9	7.1	5.9	10.1	9.8	BA	10.4	8.6	6.6	5.4	5.2	7.1	5.4	4.3	6.4	5.0	7.3	10.6	7.8	23	10.6	
31	5.5	6.8	5.5	3.2	6.0	6.4	6.1	5.9	4.2	6.1	6.1	3.0	3.0	2.8	5.6	4.2	2.3	3.0	3.0	3.5	7.4	5.1	5.6	16.1	24	16.1	
NO.:	31	31	30	31	31	31	31	31	31	30	28	29	29	28	31	31	31	31	31	31	31	31	31	31	31		
MAX:	17.1	18.2	19.2	17.8	64.0	91.0	22.9	21.4	18.0	17.1	14.9	16.0	14.1	17.5	18.3	14.6	16.1	22.7	31.9	33.6	21.6	21.7	23.4	24.9			
AVG:	9.32	9.21	9.12	8.13	10.94	11.57	8.66	8.67	8.98	7.70	7.15	7.31	6.50	5.83	6.38	6.99	6.78	7.09	8.50	9.85	8.50	9.23	8.91	9.86			

MONTHLY OBSERVATIONS: 732 MONTHLY MEAN: 8.41 MONTHLY MAX: 91.0

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2015

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	3.3	6.1	8.6	9.1	7.1	5.5	6.4	12.1	12.8	8.6	14.1	7.4	4.5	4.0	5.9	5.4	4.0	5.2	8.4	6.4	5.0	3.7	5.5	6.6	24	14.1	
2	7.3	12.9	10.6	7.6	6.4	11.1	8.6	8.9	8.1	9.6	AX	BA	5.2	5.6	5.2	8.8	9.9	8.9	12.9	11.1	10.6	14.1	13.3	12.1	22	14.1	
3	11.9	11.6	11.1	11.1	13.8	8.4	9.9	11.1	11.6	11.1	13.6	10.1	10.4	8.1	5.6	6.9	8.4	5.2	4.2	7.9	10.1	7.9	8.3	7.9	24	13.8	
4	7.4	6.4	7.6	6.4	5.6	5.0	4.2	3.7	5.2	4.2	4.0	3.5	3.3	4.7	2.5	-4	1.3	3.3	3.2	3.5	4.0	4.2	3.5	1.5	24	7.6	
5	1.5	4.2	2.8	1.3	4.5	5.0	4.5	2.3	2.0	1.8	-4	1.5	1.5	-9	3.5	5.1	4.0	2.3	.8	2.0	5.0	6.6	7.6	5.2	24	7.6	
6	7.4	8.3	7.3	8.1	10.1	10.4	8.6	12.3	8.6	9.1	5.9	6.6	9.1	9.3	7.9	7.9	10.4	11.4	11.1	12.6	18.0	9.4	12.8	10.6	24	18.0	
7	12.4	12.1	12.3	13.8	8.9	13.1	11.9	11.8	12.9	12.1	11.6	12.6	9.1	8.6	12.1	12.1	9.1	10.6	10.6	7.8	9.8	10.6	15.8	17.5	24	17.5	
8	16.0	17.3	14.1	16.3	17.5	18.9	16.8	14.3	14.3	15.3	7.1	6.1	6.1	11.4	7.6	9.4	8.3	5.7	16.8	4.7	9.3	5.9	3.0	3.0	24	18.9	
9	6.6	4.7	14.6	9.1	3.5	2.7	4.0	3.2	4.7	5.0	5.6	7.6	7.6	13.8	16.5	9.8	18.2	23.3	21.6	20.8	19.8	20.4	12.1	12.6	24	23.3	
10	12.3	12.6	13.1	14.8	13.1	9.6	11.3	13.1	9.8	7.3	14.6	12.8	14.8	10.3	8.6	8.3	8.8	7.8	5.5	6.6	8.8	6.8	2.3	4.7	24	14.8	
11	4.2	6.8	5.4	7.1	6.8	7.3	7.1	4.2	5.4	6.3	7.1	6.6	AV	10.8	5.2	2.5	3.2	3.0	6.3	8.8	12.8	53.0	5.6	6.3	23	53.0	
12	8.0	6.3	11.0	7.8	8.5	8.3	9.5	9.1	7.8	5.0	1.8	5.2	8.8	6.1	10.1	10.1	8.1	7.6	6.3	9.1	10.1	9.3	10.6	6.3	24	11.0	
13	12.1	17.5	16.8	12.6	11.3	10.8	14.5	14.8	8.1	8.1	10.1	8.8	8.3	5.0	7.3	10.3	9.3	9.4	9.1	5.6	14.8	13.1	11.3	14.1	24	17.5	
14	9.1	8.6	9.3	6.6	7.6	7.8	11.1	13.3	9.6	6.8	6.6	11.3	9.6	14.1	7.6	6.6	9.1	8.6	1.8	-4	2.0	4.0	1.5	-3.1	24	14.1	
15	-2	4.7	4.0	4.9	5.8	4.5	3.5	3.0	3.2	2.2	2.8	5.8	5.7	7.3	6.3	6.3	8.1	11.1	6.8	3.5	6.8	8.6	7.3	11.3	24	11.3	
16	9.1	9.1	11.6	9.6	8.8	9.8	9.8	6.3	4.9	2.7	5.4	8.3	7.6	6.6	5.8	5.4	5.2	9.3	7.8	6.3	8.1	6.3	5.2	7.3	24	11.6	
17	8.3	5.4	4.5	7.6	6.8	9.3	7.6	6.6	7.8	15.5	10.3	6.1	6.3	10.6	8.1	7.3	11.6	6.1	5.4	7.3	6.3	6.1	7.6	9.8	24	15.5	
18	9.1	10.1	14.8	8.6	11.3	16.5	15.5	15.5	6.1	10.6	11.3	7.3	6.6	9.1	8.3	12.3	9.6	8.1	7.6	9.8	11.1	10.3	12.8	17.2	24	17.2	
19	11.8	6.3	5.4	13.3	13.3	9.1	13.5	9.1	9.3	7.1	4.0	9.1	8.3	8.8	10.1	10.1	10.1	8.8	7.1	6.1	3.5	1.5	.3	.5	24	13.5	
20	1.0	.8	1.5	1.7	6.6	6.8	12.6	7.8	4.0	7.6	AX	BA	2.5	3.0	7.6	6.8	14.5	8.3	7.1	13.3	8.6	4.9	6.6	6.8	22	14.5	
21	8.3	11.8	6.6	7.1	6.6	6.8	4.7	4.7	10.1	5.4	3.9	5.0	4.2	4.7	7.6	5.2	3.5	2.5	2.7	5.8	8.8	6.8	5.7	6.3	24	11.8	
22	4.4	5.4	4.4	8.0	8.5	5.9	6.8	6.3	7.5	4.7	5.4	3.7	5.1	6.6	7.1	4.5	3.7	9.3	8.8	6.3	6.1	5.6	7.0	5.6	24	9.3	
23	2.5	1.2	11.8	10.1	6.3	7.1	5.0	3.9	5.7	3.2	AX	BA	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	10	11.8
24	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	BA	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	12	13.8
25	7.8	9.1	8.8	11.3	8.8	10.3	8.3	11.1	12.3	7.8	4.2	9.3	7.3	12.6	9.3	12.6	11.1	7.8	5.2	6.1	7.6	6.1	5.4	3.0	24	12.6	
26	1.7	3.7	3.9	3.5	3.0	3.0	2.5	5.2	4.0	6.6	5.7	3.7	1.8	.0	3.2	3.2	4.0	4.2	4.2	3.5	5.0	4.7	4.7	4.9	24	6.6	
27	3.7	3.0	3.7	4.7	7.6	6.1	3.9	6.8	9.6	7.6	4.5	5.2	2.7	-1.1	5.6	5.2	6.6	10.6	9.8	6.6	6.8	11.1	8.3	5.4	24	11.1	
28	7.6	8.8	8.6	8.3	7.1	7.6	10.8	7.3	5.9	6.6	5.2	3.2	3.0	2.0	3.0	3.7	5.3	4.0	3.2	2.2	2.5	3.0	4.2	4.9	24	10.8	
29	3.0	4.9	7.8	8.8	7.3	7.6	7.1	7.1	5.6	11.6	7.8	7.6	6.6	5.6	5.4	3.0	3.2	10.6	8.3	8.3	9.1	10.8	13.1	10.5	24	13.1	
30	18.0	16.3	16.5	19.6	15.5	13.1	19.1	14.3	8.1	3.5	8.3	7.1	15.0	5.8	8.6	9.1	6.3	11.6	9.3	6.5	7.6	5.1	3.7	4.2	24	19.6	
31																										0	
NO.:	29	29	29	29	29	29	29	29	29	29	26	26	28	29	29	29	29	29	29	29	29	29	29	29	29		
MAX:	18.0	17.5	16.8	19.6	17.5	18.9	19.1	15.5	14.3	15.5	14.6	12.8	15.0	14.1	16.5	12.6	18.2	23.3	21.6	20.8	19.8	53.0	15.8	17.5			
AVG:	7.43	8.14	8.91	8.92	8.55	8.53	8.93	8.59	7.76	7.34	6.94	6.98	6.74	6.80	7.06	6.95	7.50	7.77	7.60	7.04	8.63	9.20	7.38	7.48			

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: 7.81 MONTHLY MAX: 53.0

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2015

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	7.1	9.1	7.3	7.8	6.8	5.2	4.2	5.7	6.3	6.3	7.6	9.1	5.7	5.8	5.8	3.0	5.1	8.1	6.3	7.8	9.8	9.3	5.2	1.2	24	9.8		
2	6.3	6.8	9.1	10.1	12.1	10.6	9.8	9.3	11.6	9.6	8.6	6.1	5.6	4.5	3.7	3.7	4.9	5.6	7.1	10.3	8.3	8.9	12.3	12.6	24	12.6		
3	9.8	11.3	12.8	14.3	10.6	8.8	8.6	5.8	6.8	7.8	6.6	5.0	3.2	6.6	4.5	4.5	5.3	7.1	5.4	8.7	10.8	7.7	9.8	16.5	24	16.5		
4	16.3	12.8	12.6	9.8	11.6	10.1	10.3	13.1	15.3	AX	BA	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	9	16.3	
5	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0		
6	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0		
7	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0		
8	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0		
9	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0		
10	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0		
11	DL	DL	DL	DL	DL	DL	DL	DL	DL	BA	11.3	8.6	8.8	8.6	8.8	7.1	9.1	14.8	14.5	19.1	18.9	8.3	11.1	14.8	14	19.1		
12	12.3	14.8	16.3	17.2	11.6	13.6	12.8	18.6	9.1	21.4	18.6	24.8	17.2	11.6	16.0	11.3	15.3	18.6	18.9	13.8	10.6	6	7.0	6	6.8	4.5	24	24.8
13	6.1	6.6	8.6	6.3	4.9	10.8	7.8	14.3	10.1	5.8	13.3	11.8	8.8	9.3	7.6	5.6	6.1	6.1	6.8	8.5	8.8	9.5	11.8	9.1	24	14.3		
14	3.0	.5	6.5	6.1	6.5	10.8	9.3	4.7	4.7	4.2	1.7	5.6	8.3	9.3	7.8	8.1	9.5	14.3	15.8	15.8	11.3	10.3	13.3	13.1	24	15.8		
15	7.1	8.6	9.3	9.3	12.1	9.8	10.1	11.3	14.1	9.8	11.8	13.6	21.6	14.5	18.2	19.4	14.1	23.6	20.1	22.8	13.1	18.0	14.0	18.6	24	23.6		
16	15.0	13.8	17.2	10.3	10.6	14.8	13.5	13.8	15.8	19.1	15.0	12.1	13.6	11.3	12.8	16.8	12.6	15.3	12.6	14.6	11.3	6	16.3	6	15.8	15.1	24	19.1
17	15.3	19.1	15.5	11.6	14.5	17.7	11.8	9.5	17.7	13.8	11.6	15.5	17.7	14.8	16.5	18.0	12.3	16.0	14.8	12.3	11.6	21.8	16.8	13.0	24	21.8		
18	11.8	16.5	18.2	16.5	12.1	17.2	16.8	16.3	19.8	15.5	AZ	AZ	14.3	10.6	9.6	10.3	15.5	10.1	22.4	.8	9.3	6.8	3.7	6	12.8	22	22.4	
19	7.8	7.6	5.1	12.6	7.3	18.0	9.3	7.8	10.8	11.6	13.5	11.8	8.6	6.3	6.3	9.8	9.1	5.9	7.6	9.8	6.3	5.8	9.1	8.8	24	18.0		
20	5.8	8.1	6.6	8.3	5.8	10.6	10.0	8.8	6.8	6.3	5.8	4.2	3.0	2.7	6.3	6.8	8.0	6.3	4.9	6.8	11.8	6	8.0	5.1	12.8	24	12.8	
21	11.8	15.3	23.0	10.3	15.3	5.1	14.3	9.1	9.5	10.3	13.0	13.8	11.8	10.5	9.0	9.1	9.1	8.0	8.5	6.3	4.5	2.7	3.7	7.3	24	23.0		
22	4.7	.5	2.0	5.4	3.7	4.2	4.2	10.5	6.6	8.0	9.1	4.4	8.5	5.2	1.2	5.8	8.0	5.6	8.5	7.0	10.8	6.0	9.0	6.3	24	10.8		
23	1.5	7.8	6.8	10.0	8.8	7.0	14.0	9.5	6.8	4.5	11.5	7.1	3.9	4.5	6.6	9.3	6.1	8.5	7.5	7.3	14.3	10.6	9.6	12.8	24	14.3		
24	11.3	12.5	11.8	11.6	8.6	12.3	9.5	7.3	6.1	4.9	5.3	5.0	6.6	5.3	8.8	12.8	12.3	11.8	14.6	10.6	11.8	15.8	8.0	17.2	24	17.2		
25	8.5	14.5	9.8	8.3	10.3	9.0	12.8	12.3	9.1	10.6	6.8	7.1	8.8	7.8	5.6	4.9	6.1	7.8	7.5	9.1	6	8.6	8.8	7.6	13.3	24	14.5	
26	11.0	9.8	7.1	8.3	7.5	7.3	AV	7.3	9.1	6.6	6.8	6.6	8.5	7.3	7.8	5.4	5.4	24.3	16.3	7.8	10.1	10.6	7.6	12.6	23	24.3		
27	12.8	8.0	5.2	4.2	5.8	8.5	4.4	.2	2.0	3.2	4.9	6.3	7.1	5.4	5.0	4.7	2.2	6.6	6.1	3.5	3.9	6	3.7	10.8	6.8	24	12.8	
28	5.2	6.5	10.0	6.1	4.7	7.8	11.6	13.8	10.3	14.3	14.0	9.1	8.3	16.2	11.6	8.5	4.9	8.6	12.6	9.3	9.8	10.0	12.8	8.8	24	16.2		
29	8.5	8.0	6.5	11.5	10.8	14.7	17.2	14.8	8.8	18.8	16.2	14.8	14.5	11.8	11.5	13.5	8.8	10.6	10.6	14.5	11.8	9.3	6	11.8	12.5	24	18.8	
30	10.8	12.3	9.5	15.0	14.5	16.7	10.8	7.8	15.3	11.8	9.8	11.5	9.5	4.4	-.2	3.9	7.0	8.8	8.0	9.0	8.8	6.3	10.0	9.8	24	16.7		
31	11.8	12.0	8.5	8.5	11.5	8.5	8.5	8.8	10.6	8.5	11.8	11.3	7.3	8.8	10.8	10.6	9.5	12.0	8.3	6.6	10.3	10.3	7.3	13.3	24	13.3		
NO.:	24	24	24	24	24	24	23	24	24	23	23	23	24	24	24	24	24	24	24	24	24	24	24	24	24			
MAX:	16.3	19.1	23.0	17.2	15.3	18.0	17.2	18.6	19.8	21.4	18.6	24.8	21.6	16.2	18.2	19.4	15.5	24.3	22.4	22.8	18.9	21.8	16.8	18.6				
AVG:	9.23	10.12	10.22	9.98	9.50	10.80	10.50	10.02	10.13	10.12	10.20	9.79	9.63	8.46	8.40	8.87	8.60	11.02	11.07	10.09	10.28	9.66	9.71	11.40				

MONTHLY OBSERVATIONS: 572 MONTHLY MEAN: 9.91 MONTHLY MAX: 24.8

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2015

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	9.3	9.8	12.8	8.0	7.8	7.8	5.6	7.5	6.6	6.6	10.6	8.0	6.5	4.5	7.6	5.8	11.5	8.5	9.5	9.3	6.3	5.8	6.3	12.6	24	12.8	
2	10.3	6.8	6.0	10.8	7.3	11.0	10.5	11.0	8.5	AX	BA	10.8	7.1	4.4	4.9	4.9	7.3	7.0	10.5	9.5	5.8	7.5	3.9	1.5	22	11.0	
3	2.4	3.7	3.0	1.0	-1.8	-2.7	-3.2	.2	.0	1.2	2.2	1.5	-1.7	2.0	1.2	.0	2.0	3.9	1.7	-1.9	-1.9	-1.4	1.0	2.0	24	3.9	
4	3.7	1.2	3.7	3.2	1.5	1.7	1.5	.5	6.3	4.2	.7	3.4	3.2	-2.4	-1.4	1.5	.9	-1.7	2.9	.0	-1.5	2.2	3.2	3.4	24	6.3	
5	2.0	.5	3.9	4.2	3.7	1.2	-1.9	-.9	-.9	-2.9	-.7	-4	1.5	-.9	-1.7	1.5	2.5	4.2	2.5	3.4	5.8	6.1	3.4	4.9	24	6.1	
6	9.0	9.0	7.8	7.3	6.3	6.3	4.7	12.3	13.1	15.8	14.5	14.0	13.8	10.6	13.1	8.0	15.0	8.3	8.8	11.0	19.8	9.5	14.5	6	13.0	24	19.8
7	19.1	8.3	19.6	7.3	7.5	8.3	7.8	9.5	7.5	5.2	4.7	7.1	7.0	6.8	7.3	8.3	6.6	8.3	13.3	11.8	6.5	9.0	8.3	10.3	24	19.6	
8	10.6	12.5	16.0	7.5	10.8	8.8	5.3	8.0	11.1	11.3	11.3	9.1	11.0	9.3	12.8	14.0	21.6	17.0	11.6	7.0	7.8	4.9	5.3	8.5	24	21.6	
9	8.0	9.8	13.3	9.8	13.0	9.3	7.1	6.3	5.6	9.8	9.3	7.8	10.6	7.6	8.5	AV	AV	AV	AV	15.8	10.3	8.8	11.0	14.8	20	15.8	
10	12.8	16.0	7.8	14.0	11.0	10.0	14.5	17.0	15.0	18.4	23.3	19.8	20.6	25.8	23.8	26.8	21.8	25.3	19.3	21.6	16.0	16.5	14.0	13.5	24	26.8	
11	12.5	13.0	13.3	13.0	18.2	14.8	15.7	17.9	11.3	13.5	9.5	14.0	13.0	7.0	5.2	5.6	6.3	5.8	11.5	9.5	10.8	7.5	6.8	11.0	24	18.2	
12	6.8	15.7	7.5	6.8	6.1	7.5	11.3	8.3	10.5	14.0	11.5	14.5	12.8	7.0	7.8	6.8	15.5	12.8	17.2	16.2	13.3	12.0	11.8	10.8	24	17.2	
13	7.3	10.5	10.0	12.5	10.8	15.7	7.8	8.8	7.3	8.8	7.5	12.8	9.0	5.5	4.9	9.5	9.0	8.5	6.3	8.8	5.8	6.8	4.4	8.5	24	15.7	
14	7.5	7.5	7.8	7.3	5.3	2.4	10.5	10.3	6.6	10.3	13.3	17.0	18.4	9.3	17.4	20.3	17.4	9.0	16.5	12.0	14.5	12.8	10.5	10.5	24	20.3	
15	7.8	8.0	8.8	5.8	10.3	8.8	13.3	17.4	16.0	11.5	17.9	13.5	13.0	13.0	8.8	9.8	6.5	12.0	18.8	13.0	15.5	16.5	13.2	9.8	24	18.8	
16	9.8	12.8	17.9	9.3	15.5	9.5	16.2	17.0	16.7	20.8	AX	BA	8.3	9.5	13.3	18.2	16.0	6.5	16.9	17.2	7.2	AN	2.9	10.0	21	20.8	
17	7.5	10.3	6.5	3.7	8.3	7.8	12.8	10.8	9.0	1.0	-.7	3.4	10.0	17.4	16.7	17.0	8.5	11.5	7.0	4.9	4.7	3.9	10.5	10.5	24	17.4	
18	6.3	4.7	2.2	3.7	8.0	5.8	4.2	5.8	11.0	14.0	10.6	14.8	12.3	16.5	18.4	19.6	18.0	10.5	11.0	6.8	6.8	6.0	4.4	6.3	24	19.6	
19	5.3	5.3	6.3	5.8	10.0	8.0	11.0	11.0	8.8	7.8	8.8	8.8	7.3	8.3	4.4	4.4	6.3	10.3	10.3	5.3	.7	-.2	2.2	3.7	24	11.0	
20	5.1	3.4	1.2	6.3	6.5	10.0	8.8	10.3	10.3	13.5	14.3	12.8	9.5	6.8	10.0	9.0	9.3	8.5	7.0	4.7	11.5	6.3	17.7	9.8	24	17.7	
21	10.3	10.5	6.8	9.0	5.3	3.9	8.0	11.0	6.8	7.5	5.8	6.8	3.7	2.2	4.9	7.8	7.5	9.3	10.8	9.3	7.5	3.2	-.7	.7	24	11.0	
22	.7	1.4	3.4	8.5	7.8	3.7	14.0	7.3	1.9	5.8	13.3	11.8	6.0	5.8	6.5	7.3	8.8	8.8	9.8	10.3	8.3	8.3	6.0	9.5	24	14.0	
23	16.0	10.5	13.3	13.0	10.0	14.5	9.3	13.0	8.5	9.8	22.3	22.3	26.7	21.3	19.8	27.0	33.0	24.8	27.5	24.5	25.7	29.4	26.8	17.9	24	33.0	
24	12.3	24.0	15.7	19.6	12.0	21.3	9.0	15.3	11.8	9.8	3.9	4.9	8.0	12.8	10.8	9.8	16.7	3.4	6.0	14.7	8.7	9.5	11.8	9.5	24	24.0	
25	10.8	8.8	14.5	9.5	9.3	15.7	16.9	15.7	12.8	15.5	17.2	18.4	20.8	21.8	19.1	18.8	17.9	12.5	13.0	13.8	12.5	9.0	8.0	17.0	24	21.8	
26	8.8	19.6	17.0	14.7	13.8	21.0	17.0	19.3	6.3	10.0	11.8	11.0	11.8	10.3	20.3	8.8	5.8	5.4	11.3	14.3	9.5	7.5	15.5	10.8	24	21.0	
27	3.4	-1.5	4.2	4.2	2.4	2.7	-2.0	.0	3.4	3.9	11.8	12.8	8.8	11.0	10.0	15.2	7.8	12.0	6.3	1.7	.0	5.8	5.3	2.2	24	15.2	
28	-.2	-.2	12.5	6.5	6.8	2.7	-2.2	1.0	1.2	2.4	1.4	2.2	2.4	1.7	-1.2	-.2	1.4	.5	5.1	4.7	3.4	3.4	2.7	6.8	24	12.5	
29	6.5	3.6	1.4	.9	5.5	5.3	6.5	4.4	4.7	6.0	5.2	3.9	4.9	6.5	6.1	6.3	3.4	1.2	1.0	3.7	3.9	4.4	5.8	7.5	24	7.5	
30	9.8	11.0	13.3	12.3	7.3	15.0	9.0	8.5	13.5	10.8	17.9	12.8	9.5	8.8	7.3	5.6	14.8	10.3	4.7	1.5	8.0	8.5	10.0	13.5	24	17.9	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	29	28	29	30	30	30	29	29	29	29	30	30	29	30	30			
MAX:	19.1	24.0	19.6	19.6	18.2	21.3	17.0	19.3	16.7	20.8	23.3	22.3	26.7	25.8	23.8	27.0	33.0	25.3	27.5	24.5	25.7	29.4	26.8	17.9			
AVG:	8.05	8.55	9.25	8.18	8.24	8.59	8.30	9.48	8.37	9.18	9.97	10.33	9.89	9.01	9.55	10.26	11.00	9.15	10.28	9.51	8.47	7.91	8.22	9.03			

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: 9.11 MONTHLY MAX: 33.0

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2015

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	10.8	8.8	9.3	12.8	15.5	15.8	13.5	12.0	11.1	15.8	12.3	21.6	26.0	24.0	27.0	37.7	35.5	31.8	30.6	30.1	24.8	20.8	18.6	24.3	24	37.7	
2	24.8	22.6	27.7	31.1	31.4	27.0	26.3	32.8	25.5	26.3	AX	BA	10.0	10.5	12.3	19.3	20.3	10.5	13.3	9.8	18.3	20.3	14.5	15.7	22	32.8	
3	22.1	22.8	21.0	20.1	28.7	23.8	18.8	19.6	20.8	18.6	17.0	12.3	15.7	5.6	4.4	2.7	2.9	5.8	3.9	.7	1.0	7.1	4.4	6.0	24	28.7	
4	16.5	15.7	5.3	4.2	3.7	3.7	7.3	11.0	6.8	8.8	7.5	11.3	9.5	5.6	5.6	6.5	2.9	4.2	4.4	2.2	4.4	3.2	3.2	5.1	24	16.5	
5	4.2	3.4	4.2	5.6	3.9	2.7	5.1	8.5	8.8	12.3	11.8	10.3	14.3	17.0	11.0	6.3	13.5	10.5	5.3	-.2	-1.9	-2.2	-.2	1.2	24	17.0	
6	3.2	2.7	4.2	3.9	2.9	6.3	7.0	5.8	5.6	8.3	5.3	3.2	5.8	10.8	9.8	13.0	9.0	9.5	13.3	7.5	6.0	11.5	12.8	9.0	24	13.3	
7	9.0	9.5	7.8	7.0	8.0	7.0	8.0	8.8	17.9	22.8	21.3	25.7	22.1	19.6	14.0	11.5	15.5	18.6	11.3	12.5	18.2	16.2	10.8	7.5	24	25.7	
8	12.5	8.5	15.5	11.3	12.5	10.3	21.6	21.1	21.8	23.6	15.8	18.6	15.8	8.8	13.5	9.8	8.5	10.3	14.0	14.8	9.8	7.0	10.8	13.8	24	23.6	
9	15.3	11.8	17.2	10.0	15.7	12.3	12.5	13.0	14.7	12.8	21.8	18.8	20.5	21.3	15.3	18.4	22.8	20.6	24.0	25.2	26.3	19.5	20.5	21.3	24	26.3	
10	22.8	15.2	21.0	20.3	16.2	21.6	12.0	19.6	12.8	20.1	20.6	23.0	28.4	24.0	20.8	24.8	21.3	19.1	22.5	27.5	24.5	21.8	17.2	11.3	24	28.4	
11	14.3	10.5	10.5	10.8	12.5	9.0	8.5	11.5	11.3	7.0	4.9	4.9	2.4	1.5	8.8	4.9	.5	.7	4.4	5.6	3.4	3.9	6.0	7.3	24	14.3	
12	10.8	8.8	9.8	9.0	8.8	8.5	12.5	8.8	12.8	17.9	10.8	9.3	14.8	16.0	9.0	13.3	11.0	16.5	15.0	16.7	14.5	16.0	14.5	17.7	24	17.9	
13	13.5	11.8	10.3	12.3	14.2	11.5	12.5	14.7	16.2	13.0	14.0	15.0	16.7	16.7	9.3	8.8	13.8	12.8	20.6	19.1	4.4	.5	4.4	4.9	24	20.6	
14	2.4	3.2	1.9	.7	8.5	7.8	.5	-.2	1.9	AX	BA	5.8	14.3	7.3	6.8	4.4	5.8	4.7	3.7	2.4	8.3	6.3	3.9	6.5	22	14.3	
15	7.3	3.4	7.3	7.0	7.5	3.4	2.9	2.2	-.9	3.9	5.8	3.4	5.8	4.9	3.4	2.7	5.1	6.8	2.9	6.3	5.3	3.9	4.9	4.1	24	7.5	
16	1.7	.2	2.2	2.9	5.8	3.7	.5	3.4	5.1	7.3	6.3	7.0	6.8	8.5	6.8	7.8	10.8	17.4	16.9	8.0	15.5	11.3	7.8	4.2	24	17.4	
17	1.9	3.7	9.3	8.5	8.3	10.2	8.3	5.8	5.5	8.5	5.5	9.0	10.5	14.5	11.5	10.5	10.5	9.0	15.2	19.1	11.3	10.8	13.5	11.5	24	19.1	
18	7.0	8.0	9.5	13.0	7.8	6.8	7.3	12.5	8.8	14.3	13.0	14.5	13.8	14.8	15.2	10.0	10.5	15.7	11.0	8.0	8.3	9.8	8.5	10.8	24	15.7	
19	7.3	10.8	9.5	7.3	9.5	8.0	5.3	7.8	9.8	13.8	9.0	11.0	14.0	10.8	15.2	8.7	8.3	7.5	11.0	9.5	7.8	8.8	5.3	6.5	24	15.2	
20	6.5	6.8	10.0	9.8	10.5	8.8	8.3	12.3	11.8	15.7	11.5	15.2	9.8	6.6	9.8	6.8	10.3	9.0	15.2	8.0	9.3	14.0	12.0	10.0	24	15.7	
21	6.3	4.4	3.7	7.5	7.8	6.0	7.5	6.0	9.5	8.3	5.6	6.5	7.8	8.0	10.0	15.5	8.3	7.3	9.5	6.8	4.9	8.3	11.5	7.0	24	15.5	
22	2.9	-2.0	-2.5	4.7	8.0	6.3	8.8	8.8	6.8	6.5	7.8	7.0	6.8	9.8	7.0	6.8	9.0	9.7	8.8	7.7	8.8	7.0	11.5	10.3	24	11.5	
23	9.3	8.0	5.8	13.8	13.0	9.5	7.3	11.2	7.3	15.2	9.5	10.5	11.8	16.0	21.3	15.0	17.0	19.8	11.3	17.2	6.5	6.5	11.8	8.3	24	21.3	
24	11.3	16.2	17.2	13.8	13.0	16.7	13.3	12.0	15.0	14.0	15.0	18.4	16.5	13.8	17.4	7.5	17.4	16.5	17.4	16.9	18.8	22.3	20.1	17.4	24	22.3	
25	20.1	24.5	21.5	19.8	21.5	21.8	20.8	21.6	16.2	16.9	9.3	23.8	13.8	8.5	13.3	10.8	6.0	13.0	20.5	12.3	13.5	14.5	17.4	17.7	24	24.5	
26	17.2	12.0	19.1	16.2	16.5	13.3	19.8	14.8	9.5	11.8	16.2	12.3	13.0	13.3	15.0	10.3	AN	14.0	17.7	15.5	16.2	15.5	11.8	17.7	23	19.8	
27	9.3	15.5	5.8	7.5	8.8	9.8	14.5	11.3	9.0	5.5	6.5	13.0	12.8	11.8	7.5	7.8	12.8	17.0	17.0	16.0	9.8	13.0	13.0	20.8	24	20.8	
28	7.8	16.0	9.5	7.8	4.7	11.5	6.5	5.5	5.8	7.5	5.6	5.8	7.3	12.8	8.5	6.3	3.4	2.2	.2	2.7	5.3	3.9	2.0	5.2	24	16.0	
29	5.6	20.3	1.7	.5	2.5	2.4	6.0	8.0	6.5	10.5	8.8	12.3	8.0	8.3	7.8	10.3	7.3	6.0	7.0	13.8	11.5	7.0	7.0	8.3	24	20.3	
30	7.5	9.3	9.8	8.8	6.8	8.8	13.2	11.5	12.5	12.8	9.3	12.5	13.3	12.0	12.8	7.5	9.8	8.5	11.8	14.7	18.4	9.0	6.5	11.8	24	18.4	
31	9.8	5.3	6.0	11.3	5.8	6.0	6.5	7.8	5.1	3.9	2.9	2.7	5.8	4.1	7.0	7.5	8.0	4.9	4.6	8.0	7.5	5.1	5.8	6.7	24	11.3	
NO.:	31	31	31	31	31	31	31	31	31	30	29	30	31	31	31	31	30	31	31	31	31	31	31	31	31		
MAX:	24.8	24.5	27.7	31.1	31.4	27.0	26.3	32.8	25.5	26.3	21.8	25.7	28.4	24.0	27.0	37.7	35.5	31.8	30.6	30.1	26.3	22.3	20.5	24.3			
AVG:	10.35	10.25	10.04	10.30	10.98	10.33	10.42	11.27	10.69	12.79	10.71	12.16	12.71	11.85	11.52	10.75	11.26	11.61	12.40	11.75	10.99	10.41	10.06	10.64			

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 11.09 MONTHLY MAX: 37.7

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2015

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	11.0	6.5	5.0	6.3	4.6	2.9	1.9	4.6	3.4	6.5	6.5	6.0	3.4	2.4	2.7	4.1	5.1	5.5	5.8	13.0	9.3	5.1	3.7	5.5	24	13.0	
2	3.9	3.7	11.5	8.8	4.9	3.4	8.5	7.5	6.0	9.8	5.8	7.5	5.1	4.7	5.1	7.0	15.2	2.4	13.7	9.2	7.8	8.0	9.5	16.0	24	16.0	
3	9.0	5.8	4.9	8.7	8.0	8.3	8.0	15.7	14.0	11.5	9.8	8.5	13.0	11.0	10.8	11.0	12.0	14.3	15.2	11.0	13.3	9.3	11.5	12.5	24	15.7	
4	10.8	7.5	7.5	7.0	7.8	8.0	10.8	12.8	18.3	AX	9.5	10.3	15.5	14.0	19.1	18.2	13.0	14.3	18.6	11.5	11.0	9.5	11.5	8.8	23	19.1	
5	12.5	14.0	9.8	11.8	7.3	5.5	13.5	11.3	7.0	12.5	8.8	7.8	7.0	5.6	10.3	9.3	10.0	5.8	11.8	10.8	14.8	15.0	5.3	10.3	24	15.0	
6	9.5	5.8	4.7	9.3	8.8	8.3	8.0	9.8	6.8	5.8	10.8	10.3	16.0	11.8	13.0	10.5	21.6	13.0	7.3	5.1	4.9	4.6	6.0	4.4	24	21.6	
7	1.7	3.9	6.0	5.3	7.0	11.0	8.3	8.0	5.8	7.3	9.3	6.3	4.4	5.5	6.3	7.0	7.8	5.3	3.2	1.2	3.7	7.3	11.0	9.3	24	11.0	
8	8.0	9.0	6.5	5.8	6.5	4.1	8.3	6.8	4.4	3.4	2.9	1.9	.4	6.0	6.3	3.6	3.9	2.7	8.2	6.8	4.2	4.9	4.9	4.4	24	9.0	
9	2.9	6.5	8.8	6.0	6.5	4.4	5.5	8.0	7.7	3.9	4.2	3.4	4.1	5.8	5.5	8.0	5.8	4.2	7.5	8.8	10.0	6.5	9.0	8.7	24	10.0	
10	5.8	7.8	10.5	12.8	14.7	9.5	10.5	13.3	7.3	3.2	1.4	6.3	7.3	13.5	9.0	7.5	6.5	6.0	8.0	11.0	9.8	4.9	1.7	2.7	24	14.7	
11	.5	-1.7	-1.0	3.2	10.8	7.8	5.5	5.1	4.9	6.0	2.9	2.0	7.0	5.5	3.4	6.0	6.8	4.9	3.4	1.5	.5	-.2	3.2	3.4	24	10.8	
12	2.4	1.7	3.9	5.1	8.2	6.3	12.5	9.0	8.0	6.0	5.5	6.0	3.9	2.7	7.0	4.9	4.7	4.4	7.3	4.6	8.3	6.5	11.3	8.8	24	12.5	
13	9.0	9.3	5.3	6.8	7.5	8.2	7.3	5.1	2.4	7.8	6.8	5.5	5.6	5.5	2.9	1.9	6.0	5.5	5.1	5.8	6.8	7.5	11.3	7.0	24	11.3	
14	5.1	5.5	3.7	4.9	6.3	4.1	2.9	6.0	7.8	8.3	10.3	13.0	8.8	6.5	7.3	5.5	8.3	6.8	4.9	10.5	8.8	9.0	15.2	10.8	24	15.2	
15	14.8	10.8	8.3	7.0	9.0	10.3	19.6	14.3	13.5	8.5	15.5	15.0	11.3	10.0	12.5	11.0	10.5	18.6	9.0	18.2	14.3	15.5	17.0	12.8	24	19.6	
16	12.0	13.3	7.8	16.5	11.8	17.2	19.8	7.5	16.2	13.0	15.0	8.5	10.5	13.5	17.4	12.0	19.1	7.5	9.0	21.0	14.3	13.5	8.5	10.3	24	21.0	
17	5.5	10.3	7.3	15.0	17.0	12.3	13.0	12.0	12.3	12.5	17.9	16.5	12.3	10.5	8.8	9.3	16.7	7.3	15.5	13.0	11.5	18.2	20.3	17.7	24	20.3	
18	16.0	15.7	14.5	15.0	16.5	9.0	11.0	9.8	10.5	AX	BA	16.2	6.8	3.4	8.5	6.0	9.3	6.3	11.5	6.3	6.5	4.2	-1.7	-3.4	22	16.5	
19	-.2	1.5	3.2	.7	2.2	4.4	4.1	.7	4.9	1.2	5.3	6.3	4.9	9.8	11.0	5.5	4.7	11.3	7.8	4.2	4.2	3.2	4.7	3.7	24	11.3	
20	4.9	3.2	2.4	3.7	2.9	1.7	6.3	8.0	4.4	3.7	4.4	6.8	9.5	5.8	2.7	3.4	5.1	5.4	3.7	5.3	4.9	3.7	1.0	-.4	24	9.5	
21	.5	.5	2.4	6.8	4.2	-1.9	.9	14.5	8.8	5.3	13.5	10.5	7.8	8.0	4.9	1.7	9.3	7.3	4.2	4.9	5.3	5.1	4.4	9.5	24	14.5	
22	10.5	7.2	4.9	8.3	8.5	12.0	9.0	10.5	6.0	AV	8.5	10.8	14.2	8.5	9.3	9.8	8.5	11.0	10.8	9.0	6.5	6.8	11.0	9.5	23	14.2	
23	7.3	8.5	8.7	9.8	9.0	6.0	3.2	6.0	8.0	9.0	9.3	8.7	9.0	7.5	9.8	16.7	8.5	9.5	9.3	16.2	7.8	6.5	17.0	24	17.0		
24	1.4	15.5	4.4	14.3	11.8	14.0	13.8	14.0	7.5	15.7	8.3	11.0	8.3	4.9	3.7	6.0	8.0	8.0	6.8	10.0	10.8	10.8	7.0	5.5	24	15.7	
25	9.0	5.1	5.1	7.3	9.8	10.2	11.8	7.7	6.0	5.5	6.0	5.1	6.8	7.2	5.1	3.4	10.3	6.5	8.2	11.0	8.5	7.2	7.0	6.3	24	11.8	
26	5.3	5.8	4.1	3.4	6.0	5.5	3.7	3.2	5.0	8.8	9.5	AZ	11.0	12.5	10.5	14.7	10.8	18.8	8.5	8.7	17.9	14.2	16.2	16.2	23	18.8	
27	14.2	11.8	11.0	11.5	8.7	10.8	8.2	8.3	9.2	13.0	12.3	7.8	7.3	9.3	12.5	11.0	16.7	10.8	13.5	10.8	13.5	12.5	12.0	15.0	24	16.7	
28	11.3	9.5	11.5	15.2	13.7	12.0	15.7	13.2	16.5	11.8	11.8	13.0	9.7	11.3	8.3	12.8	11.0	10.3	11.0	13.0	16.2	9.5	10.2	9.5	24	16.5	
29	13.7	14.0	12.8	16.2	10.0	10.8	13.0	13.0	7.5	8.3	7.3	6.3	9.0	6.5	15.7	9.3	10.8	10.3	12.3	8.8	8.3	10.0	9.8	10.8	24	16.2	
30	11.5	17.0	16.2	15.5	19.1	18.3	18.8	16.5	11.5	13.3	13.5	15.2	14.3	14.0	17.7	18.2	16.2	15.5	13.0	13.8	16.5	16.2	12.8	17.7	24	19.1	
31	13.5	13.8	17.9	9.3	10.5	11.8	8.3	3.9	6.3	11.0	12.3	7.3	2.7	-.9	-2.0	1.5	5.2	8.0	6.8	3.9	1.0	4.4	4.4	4.7	24	17.9	
NO.:	31	31	31	31	31	31	31	31	31	28	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	16.0	17.0	17.9	16.5	19.1	18.3	19.8	16.5	18.3	15.7	17.9	16.5	16.0	14.0	19.1	18.2	21.6	18.8	18.6	21.0	17.9	18.2	20.3	17.7			
AVG:	7.85	8.03	7.41	8.95	9.02	8.26	9.41	9.23	8.32	8.27	8.82	8.68	8.28	7.86	8.48	8.06	10.18	8.60	9.07	9.10	9.34	8.41	8.59	8.87			

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 8.63 MONTHLY MAX: 21.6

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2015

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	2.9	1.2	- .4	3.4	6.5	7.3	5.8	5.5	6.0	8.0	7.8	14.8	8.5	5.3	13.3	15.3	17.2	22.1	18.8	24.7	23.8	16.5	17.7	24	24.7		
2	17.7	18.6	22.1	14.7	11.8	6.5	17.9	13.5	17.4	AX	16.9	9.8	7.0	11.5	9.8	11.0	11.3	19.8	14.8	16.0	9.8	9.0	6.8	8.3	23	22.1		
3	8.0	12.3	9.5	9.8	7.8	15.0	10.0	5.3	11.5	18.2	9.3	16.9	13.8	9.0	7.5	16.5	16.2	15.5	13.7	20.0	14.3	20.8	20.8	25.5	24	25.5		
4	15.0	25.7	21.3	14.8	15.0	18.8	26.0	8.5	14.3	23.8	12.0	15.2	10.8	23.5	17.0	27.7	8.0	9.8	18.8	12.3	9.5	13.3	12.5	12.8	24	27.7		
5	11.8	13.0	20.5	16.2	25.2	15.5	15.0	16.2	17.0	17.9	24.8	13.5	12.0	15.5	17.4	7.5	8.5	14.5	8.3	4.9	3.7	13.3	15.2	13.0	24	25.2		
6	7.3	5.1	7.0	4.4	5.1	3.7	5.3	7.0	6.5	7.0	4.2	2.7	2.0	1.4	5.5	4.9	1.0	5.1	6.5	4.4	6.0	4.4	4.9	3.7	24	7.3		
7	1.0	- .5	-3.2	4.7	- .2	-4.4	.2	1.7	2.7	5.2	8.8	6.8	15.7	10.8	11.5	8.0	11.3	7.5	2.7	1.0	3.7	2.9	3.4	6.0	24	15.7		
8	4.2	1.5	3.7	3.9	3.4	2.9	1.7	2.2	9.5	5.3	2.7	2.7	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	12	9.5	
9	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	AN	0	
10	AN	AN	AN	AN	AN	AN	AN	AN	6.0	7.0	6.8	6.3	5.8	2.9	8.2	6.8	3.2	2.9	3.7	2.9	6.5	3.7	2.2	1.9	16	8.2		
11	3.7	3.9	2.7	4.2	7.3	4.1	.2	1.2	3.7	3.7	2.7	4.4	6.3	8.3	5.8	5.5	6.0	4.4	13.8	8.8	9.2	8.3	3.9	6.3	24	13.8		
12	8.5	4.2	1.9	3.2	3.2	3.9	5.5	7.3	10.5	10.5	7.3	4.4	12.7	6.5	3.4	3.1	.7	.5	3.6	5.8	4.6	4.4	2.1	.2	24	12.7		
13	2.6	2.4	- .2	-1.5	- .7	4.4	3.9	1.4	.2	2.4	2.4	1.9	.9	1.7	2.7	1.2	.7	3.4	5.1	4.6	6.3	6.3	5.5	4.9	24	6.3		
14	5.4	5.1	4.1	2.9	1.9	5.1	3.9	3.6	3.7	1.7	2.7	2.7	3.9	2.4	2.2	3.1	.7	2.7	6.0	5.8	4.4	6.3	6.8	10.7	24	10.7		
15	9.0	10.2	7.2	4.4	3.9	8.0	7.8	5.1	6.5	5.3	5.8	8.2	8.3	6.0	4.1	3.9	5.5	2.4	6.5	10.5	9.8	7.5	8.0	8.5	24	10.5		
16	7.2	11.3	7.8	15.5	8.3	7.0	13.0	8.5	AX	BA	BA	BA	BA	10.0	10.8	5.5	7.8	11.3	12.5	9.3	8.0	9.0	8.3	5.8	19	15.5		
17	11.0	10.3	8.0	9.8	12.8	9.5	10.8	10.5	10.3	14.8	7.8	7.5	5.5	6.6	6.3	4.7	11.0	7.0	5.1	9.8	4.9	7.5	9.8	13.7	24	14.8		
18	8.3	11.3	10.0	9.0	10.8	13.0	10.8	13.5	8.3	11.8	9.0	8.5	6.0	5.6	4.9	3.9	5.6	6.3	6.8	3.7	7.3	11.3	12.3	6.8	24	13.5		
19	8.3	4.6	3.4	3.9	12.5	7.5	7.5	5.1	1.9	- .7	3.4	7.8	4.2	-2.2	-1.2	4.2	3.9	7.3	6.3	4.9	5.8	11.3	5.6	3.9	24	12.5		
20	5.8	12.0	12.5	6.8	5.3	5.5	9.0	6.8	2.4	-1.4	3.4	5.1	5.2	3.2	1.2	2.4	AV	3.4	3.7	4.9	5.3	3.2	3.4	2.9	23	12.5		
21	1.5	.0	5.1	8.5	6.5	4.2	3.4	3.2	1.2	.5	2.2	- .2	.2	.0	- .5	3.4	3.4	1.2	AV	.9	3.2	2.7	1.4	- .5	23	8.5		
22	.0	-1.0	-2.7	-3.5	3.2	6.8	4.4	2.2	- .2	- .2	2.0	2.7	7.3	5.8	4.7	3.4	5.5	5.3	7.0	4.9	4.7	3.2	5.1	7.0	24	7.3		
23	4.9	5.3	6.3	5.8	4.4	10.8	7.8	10.5	8.8	5.1	7.5	5.1	6.8	5.5	5.8	3.9	4.1	7.3	6.5	3.2	6.5	5.8	6.0	3.4	24	10.8		
24	3.9	3.9	2.0	5.3	12.0	7.8	5.3	3.2	3.9	5.5	3.2	2.2	2.4	3.4	2.4	1.5	1.2	5.8	5.5	5.5	5.1	3.9	5.3	24	12.0			
25	4.4	2.2	5.5	6.0	4.6	1.2	- .5	.5	1.7	-1.2	-4.4	-4.2	.7	5.5	3.7	.7	1.9	3.4	1.4	2.4	7.0	4.2	3.2	6.3	24	7.0		
26	1.9	-2.7	2.2	3.9	- .7	-3.7	-4.2	-1.2	- .2	AV	- .9	.2	1.7	.9	- .7	- .7	.0	- .4	.0	- .4	-1.9	-2.2	- .2	.9	23	3.9		
27	-2.0	.2	.7	1.9	1.9	- .7	- .4	.2	.5	- .2	.7	2.2	.2	- .2	-2.2	-2.5	1.2	1.7	3.4	3.7	4.4	5.1	3.7	5.3	24	5.3		
28	9.0	6.0	2.4	3.4	2.9	2.4	3.2	1.0	.2	1.5	.0	- .9	6.3	8.5	8.3	4.2	4.7	.7	-3.2	-3.2	-3.4	-2.7	- .2	2.9	24	9.0		
29	.5	- .7	.7	- .9	-3.9	-2.9	- .9	1.0	- .7	-3.2	.0	2.2	37.7	2.0	3.9	5.2	2.0	2.4	4.7	5.6	2.9	1.0	3.4	3.7	24	37.7		
30	4.9	4.2	4.9	3.2	-1.7	-1.9	5.8	4.4	2.9	.9	5.3	4.7	2.4	5.6	4.2	- .2	6.3	16.7	11.3	5.3	- .5	.9	3.9	2.4	24	16.7		
31																										0		
NO.:	28	28	28	28	28	28	28	28	28	26	28	28	27	28	28	28	27	28	27	28	28	28	28	28	28			
MAX:	17.7	25.7	22.1	16.2	25.2	18.8	26.0	16.2	17.4	23.8	24.8	16.9	37.7	23.5	17.4	27.7	16.2	19.8	22.1	20.0	24.7	23.8	20.8	25.5				
AVG:	5.98	6.12	5.95	5.71	5.93	5.59	6.42	5.29	5.57	5.66	5.49	5.22	7.43	6.01	5.43	5.46	5.46	6.45	7.29	6.30	6.15	6.76	6.36	6.76				

MONTHLY OBSERVATIONS: 667 MONTHLY MEAN: 6.03 MONTHLY MAX: 37.7

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2015

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	1.7	2.7	3.6	4.1	5.3	2.7	-2.2	.9	3.7	1.7	-.7	1.7	1.7	.9	.7	-2.5	-3.2	-.2	-.2	.4	-.5	-2.2	-1.2	.2	24	5.3	
2	-.5	-3.2	-3.7	-2.2	-1.7	-1.2	-.5	1.4	-.2	-.5	2.9	-.5	-1.5	.5	-1.5	-1.5	1.4	.0	-1.5	-2.0	4.2	2.9	1.7	1.7	24	4.2	
3	-.2	.7	2.7	.7	-2.0	-1.2	.2	.5	1.2	-1.5	-1.0	.7	-2.2	-.7	-.4	-2.0	-.2	-.7	-2.4	-3.5	.7	2.2	.4	.0	24	2.7	
4	.5	-2.2	-2.2	.9	-.5	-1.5	-.7	-3.2	-2.0	-2.7	-3.0	.4	3.2	.0	AV	1.2	.0	-1.7	.2	.0	-1.2	-1.7	-3.2	-1.0	23	3.2	
5	.0	2.4	3.2	1.2	-2.2	-3.0	1.9	1.7	1.9	2.7	5.6	3.7	-.2	-.4	.0	-1.7	.0	.7	-1.5	-2.7	2.2	5.1	5.4	4.4	24	5.6	
6	6.5	6.7	4.9	4.4	4.6	4.9	2.7	.7	3.9	5.9	5.3	AX	BA	3.9	.2	.5	5.5	4.7	4.7	4.7	10.5	10.0	6.0	2.9	22	10.5	
7	8.0	4.6	9.5	7.3	11.5	6.5	11.3	11.3	9.3	8.5	3.7	3.7	6.0	3.2	3.2	2.7	2.4	3.7	4.9	14.7	11.8	6.5	9.8	8.8	24	14.7	
8	8.0	6.8	12.3	9.0	5.8	1.2	1.2	3.4	11.5	11.8	8.5	10.8	12.3	8.8	6.5	6.8	4.9	11.5	9.5	11.0	10.3	18.3	6.3	8.0	24	18.3	
9	10.0	13.0	11.8	15.2	7.0	16.2	12.0	16.2	11.5	12.5	10.5	5.1	4.7	5.1	13.0	10.5	10.0	11.5	12.3	6.3	18.6	10.3	8.0	4.4	24	18.6	
10	1.4	6.3	4.7	4.9	3.7	4.4	4.7	11.8	9.3	10.0	7.3	5.1	1.7	3.9	7.2	6.8	4.9	4.7	3.2	4.7	3.9	.2	.0	3.9	24	11.8	
11	6.3	4.6	6.8	5.8	6.0	3.9	2.7	5.4	6.8	6.5	4.2	4.4	2.7	.2	6.3	4.8	3.6	4.1	1.9	4.8	3.7	1.0	2.7	2.4	24	6.8	
12	2.9	6.8	9.3	8.0	7.3	5.8	8.0	7.3	7.8	6.3	3.7	3.7	3.4	4.8	3.8	6.0	6.8	4.6	7.5	12.5	10.3	10.3	11.5	8.0	24	12.5	
13	5.3	5.8	7.8	7.0	5.8	13.8	8.0	5.3	6.5	7.3	6.5	4.4	3.2	8.0	6.1	4.2	7.8	8.5	6.5	6.3	9.0	7.0	6.3	8.3	24	13.8	
14	8.5	6.8	6.5	5.6	7.3	7.0	6.3	9.0	8.0	7.0	7.0	7.5	4.9	2.9	7.5	4.9	2.5	5.3	6.8	7.0	5.3	6.8	5.1	3.7	24	9.0	
15	3.4	3.2	2.9	8.8	5.9	1.9	3.7	5.4	4.7	2.9	1.5	1.5	5.3	.2	.7	2.2	.2	3.7	3.9	2.2	2.7	8.8	16.2	6.0	24	16.2	
16	11.0	10.3	6.8	5.8	9.5	7.8	6.0	8.0	15.7	9.3	6.3	6.8	7.0	7.5	5.8	8.0	5.1	4.2	6.3	7.0	9.5	6.8	6.0	5.2	24	15.7	
17	5.4	4.7	3.7	3.7	2.7	6.5	6.8	3.4	2.2	.2	1.7	.7	.2	3.7	5.8	4.2	4.9	2.5	1.9	1.5	5.2	3.9	3.9	2.9	24	6.8	
18	3.9	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	1	3.9
19	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0	
20	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AX	BA	3.1	4.8	2.8	7.6	9.1	8.1	9.6	12.6	11.6	8.9	13.9	11	13.9	
21	11.1	12.9	8.9	10.9	12.1	12.9	12.1	10.1	9.4	6.9	5.4	9.9	7.9	5.2	5.0	7.4	7.1	5.2	6.6	7.9	6.4	8.1	10.1	10.6	24	12.9	
22	12.1	10.1	14.4	12.6	11.1	16.3	12.4	11.1	11.6	11.1	11.4	6.9	3.8	7.1	5.9	4.3	5.2	7.9	7.4	9.1	8.6	13.1	10.9	9.6	24	16.3	
23	11.1	12.4	8.6	10.4	11.1	10.4	13.4	10.9	8.9	8.4	9.9	15.8	13.4	14.3	16.3	15.8	12.6	16.3	16.8	17.8	18.0	20.1	18.0	26.1	24	26.1	
24	24.3	19.6	11.4	11.1	13.1	11.1	11.1	11.9	10.1	6.1	6.9	6.4	5.6	9.1	8.4	6.4	8.4	9.8	8.9	8.6	8.9	9.6	9.3	11.3	24	24.3	
25	11.6	13.3	13.8	10.4	8.6	12.8	12.8	9.3	14.3	14.6	16.1	12.8	13.6	8.6	8.6	9.3	9.3	9.6	5.9	5.1	4.7	2.0	3.5	2.8	24	16.1	
26	6.6	6.4	6.1	5.0	4.0	1.3	.8	.8	.5	1.0	.3	1.3	2.8	5.6	3.7	.5	.0	3.0	4.2	3.2	5.2	6.1	5.7	3.2	24	6.6	
27	2.5	2.2	2.7	4.9	4.7	5.9	4.2	3.7	4.5	3.5	3.7	3.0	1.7	4.5	4.2	4.5	7.1	4.2	1.3	2.0	3.2	6.9	5.7	5.2	24	7.1	
28	2.3	.5	3.3	3.2	.5	3.0	5.0	5.6	4.0	2.5	.3	.0	2.8	2.2	-3.9	-1.4	6.8	5.0	5.6	4.0	-.1	2.2	3.2	6.3	24	6.8	
29	5.6	4.9	5.1	4.7	10.6	6.1	5.3	9.1	5.3	3.7	8.1	7.8	4.7	10.6	8.1	9.6	11.3	9.1	6.6	9.6	7.1	14.8	9.0	13.3	24	14.8	
30	10.3	13.3	8.5	3.0	-2.7	3.2	5.2	5.2	6.3	4.7	2.7	3.2	3.7	2.0	1.5	2.0	2.5	4.2	5.8	8.0	5.6	6.8	5.2	8.5	24	13.3	
31	8.8	5.7	12.6	7.5	5.9	4.7	6.1	6.8	7.5	6.1	2.5	2.2	4.4	5.2	5.3	10.5	8.5	8.8	8.6	10.1	11.8	9.8	18.0	15.8	24	18.0	
NO.:	29	28	28	28	28	28	28	28	28	28	28	27	27	29	28	29	29	29	29	29	29	29	29	29	29		
MAX:	24.3	19.6	14.4	15.2	13.1	16.3	13.4	16.2	15.7	14.6	16.1	15.8	13.6	14.3	16.3	15.8	12.6	16.3	16.8	17.8	18.6	20.1	18.0	26.1			
AVG:	6.50	6.48	6.64	6.21	5.54	5.84	5.73	6.18	6.58	5.59	4.90	4.78	4.33	4.48	4.74	4.37	4.93	5.49	5.17	5.86	6.83	7.15	6.63	6.77			

MONTHLY OBSERVATIONS: 681 MONTHLY MEAN: 5.74 MONTHLY MAX: 26.1

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2015

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	15.3	12.3	14.0	9.8	13.1	15.5	14.3	14.5	18.0	19.3	15.8	12.8	14.0	19.1	9.1	19.6	12.8	19.1	18.1	16.8	15.3	13.5	15.0	9.6	24	19.6	
2	7.6	4.9	4.7	5.1	7.8	11.3	9.0	6.8	3.9	5.3	5.8	3.2	1.8	2.2	3.7	5.6	5.3	3.5	4.7	4.2	4.2	11.8	10.6	9.0	24	11.8	
3	6.6	11.0	13.5	10.1	8.5	6.3	5.6	6.8	13.0	12.6	10.6	8.6	7.3	6.3	17.7	12.1	16.5	18.8	9.6	10.1	12.8	11.8	15.0	15.0	24	18.8	
4	12.1	18.2	13.5	18.9	18.7	11.8	9.8	14.8	9.0	4.7	2.2	6.1	7.8	8.8	9.3	9.8	10.6	8.3	7.3	11.3	15.8	16.2	10.5	16.0	24	18.9	
5	14.0	10.1	16.7	15.0	19.6	18.2	17.0	17.5	15.5	12.8	AX	BA	BA	BA	BA	5.8	8.2	10.2	8.5	8.5	9.7	8.2	6.3	8.9	19	19.6	
6	11.0	8.7	9.0	5.8	6.7	7.7	8.7	14.4	12.2	10.5	6.7	6.3	9.5	9.5	4.1	1.9	4.6	4.1	3.1	2.4	3.1	12.2	8.7	6.8	24	14.4	
7	10.2	11.5	9.2	13.7	13.2	8.7	13.4	13.2	8.7	7.2	12.0	8.5	8.5	6.5	10.5	8.2	5.3	3.9	2.9	4.1	4.6	4.4	4.3	2.6	24	13.7	
8	4.8	5.8	3.3	5.1	6.3	4.6	2.6	2.1	4.3	4.1	3.3	2.8	4.1	6.5	4.8	3.1	4.6	3.3	6.3	9.2	12.2	10.2	8.7	8.4	24	12.2	
9	6.3	7.4	6.7	6.3	5.8	7.2	8.4	9.7	9.7	8.2	5.5	4.4	2.9	3.0	1.2	3.9	3.7	1.5	-1.7	-2	.5	-1.7	-3.7	-3.4	24	9.7	
10	-2.4	-.7	-.9	-1.2	-.4	-1.4	-1.7	-.9	2.2	3.2	1.2	.0	1.2	.5	2.7	2.7	4.2	2.5	.5	3.5	2.5	3.2	3.4	3.7	24	4.2	
11	3.5	5.2	4.2	1.7	.5	3.5	3.5	4.9	4.9	2.2	1.2	1.2	1.7	1.7	-.2	3.7	7.5	8.8	8.5	6.6	6.5	11.5	13.3	11.5	24	13.3	
12	16.7	11.0	15.0	13.5	11.3	13.0	13.8	11.3	11.1	11.3	7.8	10.1	9.5	8.5	10.8	12.3	10.3	10.8	10.3	12.1	7.8	7.3	3.2	2.2	24	16.7	
13	2.5	2.7	1.7	1.7	3.7	5.9	7.5	4.4	2.5	4.4	2.0	1.5	1.0	-.4	1.5	2.2	.5	.7	1.0	2.5	1.0	-2.4	-.2	-.2	24	7.5	
14	.7	3.2	5.2	3.0	2.7	3.7	3.7	3.0	2.0	.2	1.0	2.5	2.9	3.4	1.2	-.4	-.2	-1.7	1.2	2.2	5.2	10.0	7.0	3.9	24	10.0	
15	2.2	4.2	5.2	7.0	7.6	4.9	7.5	9.0	5.9	4.4	2.5	1.0	1.0	1.7	1.0	2.5	6.1	4.9	3.7	4.0	7.6	16.3	12.3	15.8	24	16.3	
16	10.0	15.5	12.3	12.0	16.7	15.5	16.7	16.0	14.3	14.0	9.8	5.2	2.7	4.7	7.8	8.3	8.1	6.3	6.1	10.0	7.8	10.1	10.1	13.3	24	16.7	
17	11.8	15.0	14.0	19.6	15.5	20.3	22.1	18.9	14.8	12.8	18.4	7.3	8.6	9.3	11.3	16.3	11.6	18.2	13.8	12.1	10.8	10.6	10.8	9.5	24	22.1	
18	10.3	11.3	9.8	9.3	6.4	4.2	9.1	8.8	8.8	5.9	4.0	5.4	5.7	3.5	5.2	3.9	5.7	9.8	7.6	7.1	7.1	4.2	1.2	1.5	24	11.3	
19	1.2	.8	.8	.0	.2	1.3	2.7	1.5	1.8	-.4	-1.2	AZ	AZ	AZ	AZ	3.3	6.9	6.6	-4.9	-4.8	4.2	6.2	5.4	7.1	20	7.1	
20	5.4	3.7	4.5	5.2	3.0	3.5	4.7	4.0	2.2	-.7	-.4	-.4	1.5	2.7	2.0	4.7	3.5	7.3	5.4	2.7	8.0	6.8	3.7	24	8.0		
21	2.0	2.4	5.9	6.6	6.2	12.3	7.3	5.2	4.7	5.2	3.0	-1.9	-3.2	-2.4	-1.4	5.4	4.2	2.0	5.4	5.9	10.8	6.6	4.7	8.5	24	12.3	
22	9.1	10.5	8.8	6.3	7.3	7.8	8.8	6.3	3.2	3.2	3.9	2.2	.7	3.7	2.5	2.2	2.5	1.7	2.2	6.8	5.0	2.7	2.7	3.7	24	10.5	
23	5.9	4.2	5.4	4.4	2.7	1.5	2.0	2.7	3.2	1.5	1.0	2.2	.2	.5	1.3	3.5	1.7	1.2	1.5	5.9	6.2	7.1	8.3	6.8	24	8.3	
24	10.0	10.3	10.0	11.3	9.6	10.6	15.3	12.6	8.3	5.4	1.7	2.2	5.4	6.3	4.7	3.7	3.5	1.8	1.5	2.5	2.2	4.0	10.1	11.6	24	15.3	
25	8.8	9.6	12.6	17.5	11.5	10.3	16.0	11.1	10.6	8.3	6.3	3.5	.0	-1.2	.7	-.4	2.5	6.1	6.3	7.3	5.7	5.2	6.6	5.4	24	17.5	
26	5.4	7.3	8.6	9.3	7.8	8.3	12.8	9.5	7.8	9.5	7.6	5.2	2.7	1.0	1.0	.8	2.2	5.7	6.1	5.9	6.8	7.6	6.8	4.5	24	12.8	
27	5.7	11.3	8.3	8.6	9.8	7.3	7.6	6.6	2.7	-.4	3.5	3.0	1.3	2.8	4.0	3.3	2.0	2.5	5.7	8.3	6.6	7.1	8.8	10.8	24	11.3	
28	9.6	8.6	6.2	5.7	8.6	6.8	9.6	6.8	5.2	4.5	4.5	6.1	4.8	3.7	2.5	5.2	10.6	13.8	10.6	14.6	15.0	10.8	14.3	8.8	24	15.0	
29	9.8	14.8	11.1	11.3	9.8	12.8	12.6	15.8	14.3	18.5	6.8	5.9	3.5	3.0	3.7	7.1	5.6	2.0	3.0	8.6	7.8	7.8	6.8	4.7	24	18.5	
30	1.5	-1.1	-1.1	-2.6	-3.7	-2.4	2.0	2.0	-1.9	-1.6	1.8	5.0	6.2	3.5	1.7	1.8	-.4	-1.1	3.2	3.2	1.5	-1.1	-2.2	1.7	24	6.2	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	30	29	28	28	28	28	30	30	30	30	30	30	30	30	30	30		
MAX:	16.7	18.2	16.7	19.6	19.6	20.3	22.1	18.9	18.0	19.3	18.4	12.8	14.0	19.1	17.7	19.6	16.5	19.1	18.1	16.8	15.8	16.3	15.0	16.0			
AVG:	7.25	7.99	7.94	8.00	7.88	8.03	9.08	8.67	7.49	6.63	5.10	4.28	3.98	4.19	4.47	5.31	5.71	5.96	5.35	6.54	6.97	7.65	7.19	7.05			

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: 6.64 MONTHLY MAX: 22.1

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2015

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	2.5	1.7	2.7	1.3	.0	.2	1.0	2.5	.5	2.2	2.7	-.4	1.5	2.7	5.2	4.0	5.5	7.3	5.0	3.0	3.0	2.0	-.9	1.0	24	7.3	
2	5.7	4.5	5.5	6.3	4.5	4.2	4.2	3.2	4.0	4.7	4.2	4.2	5.7	5.2	4.0	6.4	4.7	3.7	5.7	4.7	5.4	3.7	1.2	.5	24	6.4	
3	-1.1	-2.4	-1.4	1.3	1.0	2.7	3.2	2.2	1.5	-.4	.0	4.2	3.2	-.4	.8	2.5	3.4	3.2	7.3	18.0	7.5	4.7	3.0	11.0	24	18.0	
4	7.0	4.7	3.2	17.2	7.3	12.6	11.1	6.2	2.7	2.2	3.7	4.0	.7	1.0	2.7	1.0	1.5	4.7	6.3	11.3	7.1	6.2	13.8	21.1	24	21.1	
5	16.5	11.3	9.1	10.5	8.6	9.3	8.5	7.1	9.8	7.8	6.2	6.6	7.5	6.8	8.3	5.9	5.9	10.3	19.6	9.6	7.8	24.8	15.8	14.5	24	24.8	
6	14.3	25.5	15.3	14.5	14.3	17.7	8.6	19.6	7.3	12.8	13.3	7.8	8.6	7.1	5.0	2.7	5.4	6.1	8.8	5.7	4.5	7.1	8.3	7.1	24	25.5	
7	14.8	10.1	6.8	11.3	13.3	13.1	12.1	8.8	9.3	10.3	7.6	10.8	6.3	2.2	2.7	5.9	4.2	3.5	6.6	11.3	9.8	6.3	12.6	7.8	24	14.8	
8	5.7	4.5	6.8	5.2	3.9	4.5	6.2	7.1	6.6	6.0	5.7	AX	BA	.3	3.5	2.8	6.8	8.6	6.6	8.8	6.6	5.2	10.3	9.3	22	10.3	
9	7.8	4.9	13.1	9.1	6.2	8.8	7.6	7.6	9.6	12.6	10.6	10.3	7.8	11.8	7.8	5.0	4.7	6.8	5.2	13.6	10.6	9.3	9.6	13.8	24	13.8	
10	15.5	11.6	11.6	17.5	14.8	13.8	11.8	7.6	15.3	15.1	9.3	7.8	6.1	6.8	8.6	7.1	11.1	9.5	12.1	14.6	19.4	15.0	13.1	16.3	24	19.4	
11	13.3	18.0	13.8	13.8	15.1	12.8	14.1	17.3	13.3	12.8	19.9	14.3	13.1	14.3	8.6	6.6	AV	AV	AV	AV	AV	AV	AV	AV	AV	16	19.9
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	0	
13	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	
14	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	
15	AV	AV	AV	AV	AV	AV	AV	AV	AV	AX	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0	
16	1.2	3.4	5.4	4.4	3.9	2.2	1.9	4.7	5.2	2.9	1.0	-1.7	2.0	4.9	3.4	3.2	8.3	6.1	6.1	5.9	8.3	7.0	5.9	6.1	24	8.3	
17	7.0	10.3	8.3	7.5	6.8	7.3	7.5	4.4	5.6	5.6	5.6	5.6	2.4	1.7	2.2	3.2	2.0	.5	4.9	5.4	5.9	9.3	8.8	8.5	24	10.3	
18	11.3	8.3	5.6	5.6	5.4	6.3	5.2	5.6	4.2	3.4	4.9	5.2	2.9	.2	4.2	3.7	3.4	4.2	2.9	2.7	2.7	2.0	3.9	4.2	24	11.3	
19	2.5	1.2	.5	1.4	3.2	2.4	4.2	3.9	2.0	2.9	4.7	4.4	2.9	2.4	.5	3.2	5.2	2.7	3.7	5.4	4.9	3.4	5.6	6.1	24	6.1	
20	4.2	6.4	5.4	4.2	3.2	5.7	6.6	5.4	6.4	3.9	3.7	3.5	2.2	2.7	5.2	3.4	3.4	2.5	4.0	4.7	6.6	5.6	5.9	6.2	24	6.6	
21	8.8	7.8	7.3	9.0	7.0	10.6	8.6	4.2	3.5	3.4	4.9	7.1	8.6	7.1	6.8	7.6	7.1	8.8	6.3	9.1	9.3	7.1	9.1	14.5	24	14.5	
22	11.6	12.3	11.3	11.3	9.3	16.3	9.8	11.3	7.6	6.1	11.1	11.1	9.1	7.1	5.0	9.8	8.8	10.6	7.6	9.3	6.1	6.6	8.1	5.4	24	16.3	
23	5.2	4.9	2.7	2.7	3.5	4.7	6.3	5.2	2.2	.0	4.7	5.7	2.7	.7	3.0	4.2	6.1	2.0	3.0	3.5	5.0	3.5	5.7	5.0	24	6.3	
24	4.5	3.2	5.2	3.7	2.0	5.4	6.6	7.6	6.3	13.8	17.3	7.1	5.7	15.3	8.1	9.6	9.3	7.6	10.3	13.5	11.4	15.5	6.8	7.3	24	17.3	
25	16.3	7.5	15.0	10.6	11.1	10.8	4.9	1.7	3.7	8.8	6.4	5.6	5.7	7.1	5.7	4.7	10.6	8.8	8.0	13.0	13.5	11.3	10.0	8.8	24	16.3	
26	7.0	9.0	11.8	12.0	7.3	7.1	5.4	4.9	4.9	11.1	9.5	9.1	7.8	7.8	12.0	9.8	6.3	2.9	.5	1.7	5.2	2.5	.0	2.7	24	12.0	
27	6.6	5.9	8.3	10.8	10.8	9.8	5.4	5.2	2.5	2.2	3.5	3.9	8.3	9.8	11.5	8.5	5.8	5.8	6.1	4.7	4.4	7.3	5.4	7.0	24	11.5	
28	4.2	.2	4.4	4.9	5.2	7.0	9.8	4.7	1.0	1.7	2.0	3.4	1.4	-1.7	4.4	3.4	-.9	2.0	6.6	6.1	5.6	2.4	2.2	2.7	24	9.8	
29	-.7	2.0	2.7	3.2	2.2	.0	4.2	4.4	3.4	3.9	4.4	2.7	1.7	AV	AV	7.5	7.3	9.0	5.9	2.9	4.2	6.5	5.6	2.7	22	9.0	
30	5.2	4.9	5.2	5.4	38.9	4.7	7.0	7.3	4.9	4.4	3.2	1.2	-.7	-.9	1.5	4.2	3.2	5.4	3.4	1.9	3.0	3.7	3.5	8.0	24	38.9	
31	4.9	5.2	5.9	5.4	8.5	6.8	4.4	4.2	5.9	3.7	.5	4.4	4.7	5.2	6.6	6.4	4.9	7.0	5.6	5.2	5.4	4.7	5.2	4.4	24	8.5	
NO.:	27	27	27	27	27	27	27	27	27	27	26	26	26	26	27	26	26	26	26	26	26	26	26	26	26		
MAX:	16.5	25.5	15.3	17.5	38.9	17.7	14.1	19.6	15.3	15.1	19.9	14.3	13.1	15.3	12.0	9.8	11.1	10.6	19.6	18.0	19.4	24.8	15.8	21.1			
AVG:	7.47	6.92	7.09	7.78	8.05	7.66	6.90	6.44	5.53	6.07	6.32	5.69	4.92	4.89	5.28	5.27	5.54	5.75	6.47	7.52	7.05	7.03	6.87	7.77			

MONTHLY OBSERVATIONS: 636 MONTHLY MEAN: 6.52 MONTHLY MAX: 38.9

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2015

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			20.3					7.4				
2		5.0				4.4	16.3				7.5	4.0
3	10.3			5.5	10.1 V				15.3	SA		
4			5.2					11.8				
5		6.3				6.6	7.5				8.6	13.1
6	8.0			7.0 V	AJ				10.2	6.5		
7			10.1					7.0				
8		11.5				8.3	10.8				4.2	13.7
9	5.9			11.6	9.1				7.0	9.3		
10			11.0					11.0		7.6		
11		8.7				8.1	8.5				6.3	16.7
12	13.0			9.4 V	8.9				3.3	5.9		
13			6.4					8.6				
14		9.0				12.2 V	3.0				4.1	3.7
15	12.5			2.2	12.3				7.1	4.5		
16			5.6 V					12.0				
17		18.2				8.8	11.8				13.4	9.4
18	6.7			6.7	10.9				9.7	3.7		
19			10.9					5.2				
20		10.6 V				8.5	9.8				6.2	12.6
21	8.8			4.7	7.6				5.1	11.2		
22			10.3					10.9				
23		11.0				13.3	11.8				6.2	3.8
24	AN			5.8	9.5				5.4	16.2		
25			14.3					7.9				
26		11.2				11.9	15.9				12.3	4.6
27	5.6			7.0	4.3				1.5 V	3.8		
28			3.7					14.8				
29						7.5	11.1				15.7	4.0
30	4.8			9.7 V	6.8				2.8	6.4		
31	5.9		7.0					9.3				
NO.:	10	9	11	10	9	10	10	11	10	10	10	10
MAX:	13.0	18.2	20.3	11.6	12.3	13.3	16.3	14.8	15.3	16.2	15.7	16.7
MEAN:	8.15	10.17	9.53	6.96	8.83	8.96	10.65	9.63	6.74	7.51	8.45	8.56
ANNUAL OBSERVATIONS:		120		ANNUAL MEAN:	8.68	ANNUAL MAX:	20.3					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2015

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			20.4									
2											3.9	4.0
3									14.2	SA		
4								11.9				
5		6.8				AN	8.8					
6	8.0			7.0	AN							
7			10.5									
8											4.4	12.3
9									6.4	8.7		
10								11.6				
11		9.2				AN	8.7					
12	12.4			9.7	9.0							
13			6.4									
14											3.9	4.9
15					12.4				7.5	4.9		
16								11.5				
17		18.4				9.2	12.1					
18	6.6			7.7	10.4							
19			11.0 V									
20											6.0	AW
21					7.3				4.9	11.2		
22								11.2				
23		11.3				13.4	11.7					
24	4.2			6.5	AN							
25			14.3									
26											11.6	4.4
27					4.2				1.2 V	2.9		
28								14.9				
29						7.3	AJ					
30	5.0			AN	AN							
31			7.2									
NO.:	5	4	6	4	5	3	4	5	5	4	5	4
MAX:	12.4	18.4	20.4	9.7	12.4	13.4	12.1	14.9	14.2	11.2	11.6	12.3
MEAN:	7.24	11.43	11.63	7.73	8.66	9.97	10.33	12.22	6.84	6.93	5.96	6.40
ANNUAL OBSERVATIONS:		54		ANNUAL MEAN:	8.81	ANNUAL MAX:	20.4					

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-035-0004 POC: 3
 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 Environmental Quality
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2015

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	34.3	38.2	30.1	28.9	25.5	25.2	25.2	26.9	19.6	4.6	6.3	6.7	3.8	9.2	11.1	8.4	15.7	11.4	13.3	12.1	16.0	14.5	20.6	24	38.2											
2	2.8	2.6	6.2	5.5	5.8	11.6	12.1	16.0	12.8	12.6	14.3	17.4	16.7	7.0	11.4	11.9	11.9	9.4	12.9	18.4	19.4	19.8	25.0	27.4	24	27.4											
3	25.3	23.6	24.0	17.4	17.2	19.6	21.6	19.1	19.6	15.7	8.7	13.1	7.9	11.6	6.7	2.6	1.6	4.3	3.8	5.8	8.4	7.7	6.3	6.7	24	25.3											
4	7.5	2.6	1.6	3.8	5.3	1.4	8.4	7.2	4.3	6.7	3.8	1.9	.0	.9	2.1	2.1	4.3	2.9	4.1	6.3	7.9	7.2	5.8	24	8.4												
5	7.0	4.8	2.6	3.6	2.3	1.4	2.6	3.8	7.0	5.3	4.3	6.7	4.3	AX	AX	BA	DL	DL	DL	DL	DL	DL	DL	DL	DL	13	7.0										
6	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0											
7	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0											
8	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0											
9	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	BA	BA	7.5	6.1	4.9	5.4	4.1	5.1	9.2	9.7	9.2	9.5	12.7	11	12.7											
10	15.3	13.5	16.0	5.4	9.7	7.0	4.1	5.4	6.3	5.1	4.1	2.7	3.9	9.0	8.5	5.8	5.6	6.8	7.0	11.0	10.9	15.5	27.2	27.4	24	27.4											
11	33.1	30.6	34.6	33.8	36.6	30.9	32.1	28.0	25.1	17.0	23.6	12.4	8.2	12.6	9.2	13.8	13.4	14.3	14.1	17.5	16.5	22.6	23.6	12.2	24	36.6											
12	19.4	23.6	19.4	11.7	11.9	14.8	13.1	10.5	10.5	14.8	10.0	10.9	16.5	13.4	13.8	14.6	11.2	10.2	11.2	12.9	17.5	13.6	18.4	16.8	24	23.6											
13	14.8	17.2	19.9	15.5	20.6	13.7	7.0	8.0	6.1	6.6	5.8	4.9	5.1	12.9	14.8	13.8	18.2	16.0	20.4	18.4	19.9	15.8	14.6	17.5	24	20.6											
14	12.9	12.4	8.2	9.7	9.5	8.5	6.3	5.3	6.8	8.0	7.5	6.5	7.0	6	6.3	5.5	9.9	8.4	7.2	7.0	7.0	6.0	18.9	9.9	22.8	24	22.8										
15	17.0	17.7	16.0	17.0	12.4	14.8	10.4	10.2	7.7	16.2	10.2	12.1	11.1	12.6	15.0	11.1	16.5	19.4	16.7	23.8	20.6	19.9	21.6	26.9	24	26.9											
16	27.4	21.8	23.6	19.1	16.7	16.7	11.9	15.5	16.5	6.0	4.9	2.9	1.9	3.3	2.1	2.6	3.9	5.1	4.4	7.3	8.7	13.1	16.9	21.1	24	27.4											
17	14.0	17.9	17.9	22.1	18.9	17.0	16.7	18.6	14.3	10.7	11.1	9.7	7.5	7.9	6.5	4.3	4.1	5.3	5.6	7.7	8.5	9.4	14.8	10.9	24	22.1											
18	12.9	11.1	8.2	16.7	15.3	6.5	19.1	19.9	20.9	20.4	8.0	4.8	2.3	1.1	3.8	6.3	3.6	7.2	5.3	1.7	1.4	1.6	1.1	1.1	24	20.9											
19	2.9	1.9	1.6	4.1	3.4	2.9	6.1	4.4	3.9	4.4	2.3	.2	6	.0	6	2.3	6	1.3	6	.9	6	3.8	6	5.7	5.6	12.1	10.7	7.0	15.5	20.1	24	20.1					
20	14.8	12.1	17.4	17.0	17.2	12.1	16.5	13.5	11.4	9.7	9.4	7.2	6	4.3	6	3.0	6	4.0	6	5.0	6	3.7	6.4	5.8	8.4	6.5	16.2	17.7	16.5	24	17.7						
21	20.6	22.8	23.8	20.6	19.1	19.6	17.2	17.4	20.1	13.1	11.1	7.9	5.2	6	4.3	6	3.7	6	4.0	6	3.5	6	4.1	5.3	4.6	6.3	6.7	5.8	8.0	24	23.8						
22	12.1	8.2	13.8	14.3	11.9	20.4	17.0	18.9	23.3	24.8	8.0	5.1	2.6	2.3	4.3	3.8	5.8	3.6	5.6	10.4	18.1	20.8	17.4	10.9	24	24.8											
23	12.6	12.9	8.4	8.0	9.9	8.5	11.4	12.4	12.4	15.7	14.5	19.4	10.9	10.7	11.4	15.5	10.9	8.7	6.8	5.1	3.4	4.1	6.3	4.9	24	19.4											
24	4.3	4.3	2.1	4.3	6.3	5.8	7.2	6.3	5.8	7.2	6.3	4.9	5.6	3.1	3.9	5.8	5.8	5.3	5.6	6.5	8.7	7.3	4.6	6.1	24	8.7											
25	6.3	5.1	7.7	8.9	7.2	6.8	8.2	12.9	11.1	11.7	8.0	5.5	3.6	3.6	2.3	3.3	4.3	4.4	7.5	8.2	5.8	4.8	6.8	7.5	24	12.9											
26	7.2	9.9	9.4	6.3	7.0	18.9	13.5	14.8	18.6	13.8	16.7	15.3	7.2	5.3	3.1	1.9	3.2	6	11.9	6	7.0	6	6.5	6	5.3	6	5.6	6	10.2	6	7.0	6	24	18.9			
27	10.4	6	6.6	6	8.7	6	6.8	6	8.0	6	8.7	6	7.3	6	6.5	6	6.3	6	7.2	6	8.2	5.8	3.1	6	1.4	1.4	5.1	8.7	7.7	10.9	9.7	8.9	6.5	8.0	6.8	24	10.9
28	5.4	4.4	4.4	3.6	3.4	6.1	7.7	6.1	4.9	4.9	5.1	3.6	1.2	4.4	4.9	6.7	5.5	6.8	5.6	4.9	7.3	14.8	24.1	16.7	24	24.1											
29	21.4	18.9	20.6	23.6	26.4	26.3	28.2	28.9	17.4	16.5	14.0	12.4	16.3	11.6	14.6	18.7	16.7	12.4	16.0	21.4	22.8	24.6	15.8	20.9	24	28.9											
30	20.9	17.7	15.8	6.5	7.5	4.9	5.6	3.9	2.2	4.6	3.1	2.4	3.1	4.6	4.1	3.1	4.6	4.1	3.1	3.9	4.4	2.2	6.8	7.5	24	20.9											
31	7.0	7.0	5.6	5.4	3.6	6.8	9.2	8.5	10.9	6.8	3.9	3.6	2.4	5.8	3.6	1.6	14.1	9.0	8.0	10.9	8.2	6.1	11.4	10.4	24	14.1											
NO.:	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27											
MAX:	33.1	34.3	38.2	33.8	36.6	30.9	32.1	28.9	26.9	24.8	23.6	19.4	16.7	13.4	15.0	18.7	18.2	19.4	20.4	23.8	22.8	24.6	27.2	27.4													
AVG:	14.13	13.54	13.91	12.62	12.67	12.49	12.80	12.86	12.34	11.30	8.68	7.69	6.17	6.35	6.52	7.04	7.59	8.13	8.17	10.03	10.46	11.77	13.37	13.82													

MONTHLY OBSERVATIONS: 648 MONTHLY MEAN: 10.60 MONTHLY MAX: 38.2

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-035-0004 POC: 3
 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 Environmental Quality
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2015

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	13.6	19.2	17.2	16.0	16.7	20.4	16.0	13.8	16.3	14.6	11.7	11.7	13.8	11.2	7.5	5.6	7.3	9.5	11.9	14.6	14.8	16.0	21.1	20.9	24	21.1								
2	14.6	8.5	3.4	.0	1.7	2.9	3.1	3.9	2.2	4.1	4.9	2.9	3.6	6.1	6.3	7.8	6.0	9.2	9.9	7.3	8.0	9.0	9.7	7.3	24	14.6								
3	7.8	8.7	9.0	11.4	8.7	16.7	12.6	12.7	27.7	AX	BA	BA	6.5	5.6	8.0	5.6	8.2	9.4	7.5	7.0	17.2	13.4	16.0	13.8	21	27.7								
4	12.9	16.2	17.7	21.9	23.3	23.3	28.1	27.7	28.2	28.9	17.4	13.1	9.7	9.2	12.4	10.7	10.4	9.7	6.8	5.8	7.7	10.2	9.4	14.0	24	28.9								
5	18.2	19.9	19.9	17.7	11.2	13.4	10.9	16.2	6.3	5.6	3.9	2.9	4.6	4.6	3.1	4.1	.4	4.1	5.8	4.6	7.7	5.4	7.3	5.4	24	19.9								
6	7.5	12.2	13.6	13.5	14.0	19.1	24.1	26.5	12.7	8.0	4.7	AZ	AZ	3.9	8.9	5.6	4.4	11.9	12.2	11.9	17.0	15.3	19.4	23.3	22	26.5								
7	24.3	25.3	24.3	23.3	29.1	27.2	27.9	33.8	30.6	24.1	20.6	19.9	11.9	7.4	8.9	8.6	5.2	6	7.7	10.9	9.9	8.7	8.7	11.6	17.0	24	33.8							
8	18.4	23.8	24.8	25.5	22.6	17.9	20.6	21.8	15.8	14.8	8.4	5.0	6	6.9	6	5.3	6	2.8	6	8	6	10.1	6	8.6	11.4	10.4	8.0	12.9	11.2	8.7	24	25.5		
9	12.9	19.1	19.1	23.6	24.1	20.4	20.4	24.6	27.6	16.0	21.9	18.9	17.9	13.8	18.4	20.4	19.9	26.8	26.5	27.6	32.3	29.6	28.1	20.4	24	32.3								
10	19.9	16.0	19.1	15.3	18.6	25.5	15.8	6.3	6.8	6.0	2.6	2.1	4.3	8.7	9.7	8.0	5.8	9.2	10.7	11.1	14.0	12.9	13.8	11.1	24	25.5								
11	13.1	12.9	13.8	15.5	10.7	17.9	16.5	16.2	10.2	15.7	7.5	7.2	6.7	5.5	4.8	5.0	6	3.5	6	7.7	6	6.7	6.3	8.2	10.1	11.6	12.9	24	17.9					
12	15.7	15.0	16.9	10.6	14.8	12.6	15.3	18.4	20.4	8.9	11.1	11.6	8.4	4.3	4.6	16.3	6	.4	6	6.3	5.3	6.3	6	7.0	6.0	4.1	7.2	24	20.4					
13	5.8	3.9	3.9	2.1	1.4	3.1	3.4	4.1	4.1	2.9	7.2	7.3	3.6	3.6	3.7	2.4	4.9	7.0	7.7	11.6	12.9	11.9	18.9	19.1	24	19.1								
14	20.6	18.9	16.2	19.6	24.6	23.1	23.6	22.1	16.0	9.7	10.2	8.0	3.9	2.4	5.8	2.9	3.1	2.6	1.4	4.6	8.0	7.0	4.9	4.9	24	24.6								
15	8.4	8.2	9.4	5.8	2.9	6	4.4	8.0	7.0	2.7	.7	4.1	4.1	2.1	.4	1.1	4.1	4.1	4.6	4.1	3.4	5.1	9.0	8.5	7.3	24	9.4							
16	9.0	7.3	7.3	6.5	7.0	7.0	4.9	8.5	7.0	9.0	8.5	4.6	5.1	4.4	4.4	4.9	7.5	11.4	13.1	11.4	11.7	21.1	10.0	12.9	24	21.1								
17	15.1	16.3	14.3	17.7	19.2	22.8	26.7	17.5	20.9	17.5	22.1	20.6	15.5	10.9	24.1	21.1	22.1	23.6	25.8	24.6	28.2	17.9	23.6	26.7	24	28.2								
18	24.3	22.4	20.4	13.2	15.3	16.5	36.8	32.8	15.8	19.1	20.4	13.5	6	18.6	6	7.7	6	6.7	5.3	3.8	4.6	5.6	5.8	4.3	2.9	4.6	6.8	24	36.8					
19	8.0	8.5	5.8	6	7.3	6	6.1	6	6.4	6	7.1	6	12.7	6	8.5	6	5.8	3.6	4.6	4.1	3.9	4.1	6.8	4.6	6.0	7.5	9.5	6	11.4	11.7	9.2	15.3	24	15.3
20	15.3	20.9	14.3	11.7	6	13.2	6	10.2	6	15.3	6	15.8	6	11.9	8.7	6.3	5.8	4.6	8.5	10.0	9.4	8.2	10.0	13.6	10.4	13.8	10.9	11.7	12.9	24	20.9			
21	11.9	11.7	10.2	8.2	13.6	14.1	13.1	15.1	13.8	11.7	9.7	10.4	14.0	12.4	10.4	9.0	17.7	14.8	15.5	19.6	17.7	26.3	28.4	27.9	24	28.4								
22	38.3	34.3	30.3	30.1	24.8	25.3	29.9	29.6	28.6	29.6	20.9	19.9	21.9	13.4	17.2	12.6	11.3	16.5	18.4	23.8	30.8	29.9	34.3	28.2	24	38.3								
23	26.5	23.1	32.1	24.3	21.8	18.9	19.9	10.4	11.2	7.0	7.0	5.1	5.3	8.5	11.4	9.9	10.9	11.9	8.5	13.5	13.8	12.1	9.9	10.2	24	32.1								
24	8.2	8.0	9.7	7.2	8.2	11.4	11.4	13.5	13.5	15.0	14.8	13.1	14.3	16.7	11.9	18.9	18.2	21.8	26.2	26.7	23.1	24.1	26.0	26.0	24	26.7								
25	20.9	25.5	18.4	22.3	19.9	21.4	28.9	34.3	25.5	20.6	15.7	17.2	6	8.2	13.6	13.9	12.9	14.3	15.5	14.8	12.6	13.1	24.3	16.0	14.6	24	34.3							
26	17.0	16.0	14.5	13.1	AN	6.5	9.4	15.8	15.5	14.8	15.3	8.7	13.4	8.5	12.4	11.2	9.9	11.7	14.3	20.6	17.0	22.1	27.2	29.9	23	29.9								
27	13.6	20.9	18.9	23.8	24.6	25.5	21.8	20.1	30.3	18.9	13.1	14.0	13.1	19.1	12.4	12.6	8.5	9.0	8.4	17.0	16.3	11.4	18.9	13.8	24	30.3								
28	13.6	13.4	11.9	14.3	12.4	9.7	12.6	10.7	14.3	16.5	18.9	17.0	13.6	17.5	17.0	15.8	24.6	20.4	18.4	20.1	23.8	16.0	23.6	26.3	24	26.3								
29																										0								
30																										0								
31																										0								
NO.:	28	28	28	28	27	28	28	28	28	27	27	26	27	28	28	28	28	28	28	28	28	28	28	28	28	24								
MAX:	38.3	34.3	32.1	30.1	29.1	27.2	36.8	34.3	30.6	29.6	22.1	20.6	21.9	19.1	24.1	21.1	24.6	26.8	26.5	27.6	32.3	29.9	34.3	29.9										
AVG:	15.55	16.29	15.59	15.05	15.20	15.84	17.29	17.57	15.87	13.12	11.57	10.35	9.47	8.47	9.35	9.23	9.12	11.13	11.75	12.79	14.34	14.58	15.68	15.89										

MONTHLY OBSERVATIONS: 666 MONTHLY MEAN: 13.39 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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-035-0004 POC: 3
 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 Environmental Quality
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2015

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	23.4	27.7	19.9	17.4	21.9	17.0	23.3	19.4	21.9	21.1	23.3	20.1	25.3	21.4	25.0	27.9	24.3	19.1	23.1	26.9	20.1	17.2	14.8	16.5	24	27.9	
2	12.6	10.7	8.5	7.0	7.5	8.7	9.2	12.1	18.7	9.2	4.0	2.5	2.8	1.3	.9	AX	AX	BA	BA	5.3	4.1	5.6	6.0	6.3	20	18.7	
3	10.2	11.4	9.4	11.2	13.4	12.6	9.4	9.7	9.2	9.4	14.5	13.8	12.1	9.9	13.4	17.2	21.1	14.5	23.1	25.0	21.4	13.9	17.9	19.1	24	25.0	
4	19.4	11.4	12.6	7.0	5.1	4.9	5.6	7.0	7.7	8.7	7.7	9.6	6.8	6.4	6.4	3.7	6.6	6.6	8.6	6.7	6.7	9.6	7.7	9.4	24	19.4	
5	8.4	6.5	6.5	5.3	6.2	8.9	7.4	7.4	6.2	5.7	3.8	4.8	4.1	2.1	.4	.2	1.8	1.3	3.1	1.8	.6	6.5	6.0	7.4	24	8.9	
6	12.8	8.4	6.5	6.7	7.4	7.7	6.7	7.7	10.4	6.9	7.4	9.1	7.4	7.7	7.7	8.1	7.7	4.8	8.4	8.7	17.6	20.3	18.3	21.3	24	21.3	
7	22.3	21.0	21.8	28.4	26.4	22.5	26.9	26.0	16.4	8.4	7.0	4.0	5.3	8.6	6.5	3.0	3.3	4.0	8.4	6.5	6.0	9.9	10.4	11.1	24	28.4	
8	11.6	10.1	7.7	6.7	6.7	4.1	2.3	2.9	4.1	5.3	4.3	.5	2.3	6.5	5.0	2.8	4.0	6.5	3.3	4.3	7.2	6.0	7.2	15.7	24	16.9	
9	7.2	16.2	9.2	9.2	7.0	6.5	6.7	6.2	7.9	8.9	7.5	5.5	3.1	2.0	2.3	3.2	5.2	5.2	9.0	13.8	10.3	18.3	13.3	14.7	24	18.3	
10	17.1	14.4	14.2	11.3	14.7	20.6	13.6	15.7	21.8	20.8	18.6	18.6	7.6	8.0	6.1	7.8	7.8	7.3	13.1	15.1	8.8	7.8	13.0	16.6	24	21.8	
11	13.2	11.8	14.4	12.3	10.8	12.0	17.6	16.1	13.2	13.6	16.8	6.1	15.3	6.1	3.2	11.0	7.4	2.5	5.0	5.7	9.6	7.7	7.4	6.9	6.5	24	17.6
12	5.3	4.3	7.9	7.4	6.4	10.8	16.7	18.3	15.4	10.6	7.1	11.2	9.0	6.1	11.5	9.5	6.1	10.5	8.0	6.1	11.7	9.1	9.1	8.1	8.6	24	18.3
13	7.2	8.1	8.1	7.4	5.5	8.9	8.6	10.9	7.4	5.0	4.8	5.5	7.4	8.1	6.0	7.9	6.0	6.2	13.5	9.9	6.0	6.5	6.2	5.3	24	13.5	
14	5.0	4.3	2.8	2.8	3.3	5.0	4.8	3.8	1.8	1.6	4.1	6.2	4.3	3.8	5.5	3.2	.1	3.0	4.0	5.7	7.0	8.2	7.7	4.5	24	8.2	
15	2.6	2.8	2.6	4.8	4.3	2.6	6.0	6.7	6.9	6.5	3.8	.0	.5	1.7	1.0	.6	-1.2	-1.2	2.0	5.7	3.8	3.6	3.3	7.4	24	7.4	
16	6.5	6.2	7.4	11.8	10.6	10.4	8.4	17.6	14.0	10.3	4.7	-1.4	-1.9	-1.2	.2	-2.0	-2.2	1.7	3.4	10.3	7.6	5.2	6.6	5.7	24	17.6	
17	5.5	4.0	.8	1.0	6.0	4.8	2.3	6.2	5.7	6.1	6.1	6.9	6.8	6.6	10.0	6.1	11.5	10.2	9.3	6.6	12.2	10.0	14.7	12.3	9.4	24	14.7
18	4.3	4.8	4.8	4.0	5.7	10.8	7.7	6.9	6.0	5.8	3.3	1.3	1.2	3.5	4.0	3.0	3.0	5.5	7.2	11.8	10.4	13.3	11.6	15.9	24	15.9	
19	15.2	13.1	13.7	16.2	14.7	14.2	15.7	15.5	11.8	18.6	8.6	12.6	8.4	8.2	9.9	12.6	11.8	11.8	15.0	11.6	9.4	7.7	11.4	9.1	24	18.6	
20	6.2	7.4	4.8	3.8	7.4	6.0	9.9	9.9	6.5	11.3	10.6	8.6	14.0	10.1	11.8	10.4	6.9	6.5	5.1	11.8	16.4	16.7	19.8	21.8	24	21.8	
21	13.6	21.1	16.7	21.1	17.6	12.1	13.7	15.0	11.3	9.6	4.7	.5	1.3	1.7	.3	-.2	3.7	3.7	9.8	8.4	6.4	8.2	11.8	11.4	24	21.1	
22	9.9	14.0	18.1	16.2	17.6	14.0	9.4	11.3	9.4	11.3	10.1	7.6	5.2	6.6	8.8	7.3	9.5	12.5	15.4	7.9	11.3	17.4	13.0	14.2	24	18.1	
23	11.6	8.9	9.1	11.8	11.9	11.8	13.3	12.8	17.6	16.4	14.8	14.7	13.7	11.3	15.4	11.5	11.2	13.1	14.2	16.0	13.6	10.9	15.0	14.0	24	17.6	
24	14.5	14.5	12.6	13.1	17.9	15.0	10.4	17.9	14.2	16.0	12.3	13.7	12.7	13.1	8.3	7.8	17.1	13.4	11.8	13.6	15.1	16.6	17.3	14.0	24	17.9	
25	15.7	17.2	15.0	10.4	11.6	13.1	20.8	22.3	20.8	20.1	15.0	17.4	20.8	17.1	19.8	17.1	15.9	18.6	21.8	17.4	19.3	22.5	15.2	12.4	24	22.5	
26	18.8	16.4	15.7	17.9	19.3	21.5	22.0	22.5	29.8	30.3	24.0	15.1	10.0	8.0	8.5	7.5	11.4	8.5	8.5	11.4	9.5	8.1	7.3	6.9	24	30.3	
27	5.4	3.5	.6	.0	1.0	4.0	6.7	4.2	2.5	2.0	1.8	1.8	1.8	3.5	2.8	4.0	6.2	5.5	7.9	10.6	8.6	11.5	8.1	5.5	24	11.5	
28	8.9	6.9	6.0	7.4	7.2	5.7	4.3	4.3	4.5	5.3	5.0	6.0	5.5	4.6	5.8	6.0	5.3	3.0	3.0	5.0	7.4	4.8	6.5	7.4	24	8.9	
29	7.6	15.0	9.4	10.8	13.4	14.5	11.8	16.4	6.7	6.0	5.0	5.1	6.5	5.1	7.2	7.2	6.5	5.8	9.4	13.5	9.6	12.1	9.9	11.1	24	16.4	
30	9.6	6.0	6.3	9.2	5.8	4.6	9.4	11.4	12.3	14.7	10.3	8.1	9.8	5.4	3.8	5.0	4.5	5.4	6.4	6.7	6.0	7.2	6.7	6.2	24	14.7	
31	4.3	8.7	12.8	12.8	8.4	18.6	11.1	7.9	6.9	3.0	3.5	3.2	.8	1.3	3.7	3.0	7.1	8.8	7.8	11.5	12.9	15.1	15.2	15.0	24	18.6	
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	30	30	30	30	31	31	31	31	31	31		
MAX:	23.4	27.7	21.8	28.4	26.4	22.5	26.9	26.0	29.8	30.3	24.0	20.1	25.3	21.4	25.0	27.9	24.3	19.1	23.1	26.9	21.4	22.5	19.8	21.8			
AVG:	10.84	10.86	9.87	10.08	10.41	10.77	11.02	12.00	11.26	10.60	8.85	8.00	7.52	6.63	7.21	7.20	7.57	7.53	9.95	10.88	10.08	10.97	10.91	11.13			

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 9.68 MONTHLY MAX: 30.3

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-035-0004 POC: 3
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 Environmental Quality

MONITOR TYPE: Multiple Monitor Types

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2015

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	10.1	15.7	13.3	10.9	12.1	13.1	15.2	12.1	6.2	1.5	AX	BA	4.5	3.5	2.0	2.3	3.0	6.2	6.7	5.7	4.8	2.8	6.5	11.9	6	22	15.7								
2	10.4	6	9.7	6	13.9	6	12.6	6	13.4	6	10.4	6	17.4	6	9.7	6	8.7	6.2	7.4	7.7	10.9	10.4	9.7	6	11.4	9.4	8.9	10.7	16.0	7.2	9.4	13.3	13.6	24	17.4
3	10.4	6.0	7.5	7.2	8.9	9.2	16.0	6	9.9	11.6	10.1	6.4	5.2	5.4	4.0	5.7	7.1	7.4	5.0	5.0	9.5	8.3	7.1	8.6	8.4	24	16.0								
4	7.9	8.2	9.1	9.1	5.1	1.8	3.8	2.9	6.0	10.4	6.7	4.3	4.0	3.2	3.2	3.7	2.2	4.0	6.7	4.1	2.3	4.3	4.6	7.4	24	10.4									
5	6.0	4.8	5.8	5.8	9.4	9.6	8.4	4.3	1.8	.3	-.9	1.2	1.2	.5	1.2	4.2	6	4.0	6.4	5.7	4.3	6	6.7	5.3	5.8	6.0	24	9.6							
6	6.7	7.7	10.6	8.7	14.5	8.4	13.6	9.9	12.4	6.9	2.3	2.5	6.4	5.4	5.7	11.8	10.5	9.1	10.8	9.6	9.3	10.6	13.3	12.8	24	14.5									
7	13.1	11.4	12.6	10.6	12.1	11.6	10.9	17.2	13.1	10.1	5.9	12.5	10.1	13.4	13.0	9.3	14.7	11.8	9.1	9.1	13.5	10.8	12.8	15.0	24	17.2									
8	9.1	8.7	12.3	12.8	8.7	4.1	7.0	10.4	6.6	BA	BA	2.7	6.8	7.8	6.4	6	8.5	6	9.0	7.8	9.5	10.8	12.0	13.5	17.3	12.7	22	17.3							
9	13.5	15.8	16.3	21.0	19.5	16.9	14.0	11.8	9.8	14.6	18.2	15.6	17.0	12.2	13.4	6	11.2	9.5	6	10.5	6	9.0	11.0	9.5	10.0	13.4	10.3	24	21.0						
10	13.0	9.3	16.3	13.8	12.7	11.0	20.0	16.3	13.8	14.4	12.0	12.7	10.8	8.0	4.9	7.6	7.1	7.1	3.9	5.9	6.1	5.4	7.8	6.4	24	20.0									
11	4.9	4.2	2.8	6.2	6.0	3.3	7.9	5.7	3.7	3.4	5.2	7.1	6.6	5.4	8.5	6	6.6	6	5.2	6	6.1	6	7.8	11.0	11.0	9.0	10.5	13.0	24	13.0					
12	10.3	17.9	14.7	16.9	15.4	15.0	13.9	10.6	8.4	8.9	10.8	8.8	10.5	12.2	11.2	8.8	13.0	13.0	10.0	16.8	15.6	18.6	16.9	14.5	24	18.6									
13	17.9	6	12.8	14.1	15.9	18.6	18.8	18.6	10.4	12.0	10.6	8.8	9.7	11.2	9.0	11.7	11.9	11.2	14.3	13.4	15.3	13.7	14.6	8.0	3.9	24	18.8								
14	7.5	5.6	4.2	8.3	9.3	8.8	3.9	2.5	3.5	.5	2.2	3.4	6.3	4.2	2.7	5.8	5.2	3.9	7.3	10.7	10.7	11.2	6.6	3.5	24	11.2									
15	4.0	1.4	1.1	2.0	2.0	1.1	2.5	5.0	5.0	4.2	5.2	6.0	9.1	6.7	6.4	6.9	10.8	10.3	5.9	2.3	5.5	7.1	4.5	5.7	24	10.8									
16	4.5	4.7	6.4	9.1	11.1	11.3	9.3	6.9	4.0	12.8	10.3	7.1	3.1	1.0	.9	1.3	.9	2.0	4.7	5.5	6.0	2.8	2.8	3.0	24	12.8									
17	2.0	2.0	2.5	1.1	.9	1.3	1.3	1.8	5.7	8.4	5.4	2.7	1.5	4.7	4.4	4.4	4.1	2.4	2.7	2.4	6.1	9.5	6.1	5.6	24	9.5									
18	7.1	10.8	12.5	9.0	11.3	7.3	9.1	9.3	10.2	8.8	6.6	11.4	11.4	10.0	10.0	7.8	5.1	4.9	5.6	9.2	10.2	9.2	13.6	15.3	24	15.3									
19	11.4	14.1	15.8	11.5	12.7	13.5	11.5	8.1	3.8	6.9	5.7	4.0	3.3	2.5	1.3	1.6	4.5	4.7	3.5	1.3	.1	3.2	4.0	3.5	24	15.8									
20	6.6	4.9	4.9	5.7	4.7	5.0	6.1	7.8	7.0	5.6	5.6	5.8	7.3	10.0	7.8	6.8	5.1	6	4.1	9.7	7.5	7.5	9.3	9.3	24	10.0									
21	6.2	4.2	4.7	7.8	6.9	6.2	5.7	4.0	5.6	4.7	9.7	7.0	6.8	5.4	5.1	2.9	6	2.4	6	6.3	6	5.4	6.6	6.2	6.9	5.2	7.1	24	9.7						
22	6.9	5.7	8.1	12.3	7.9	13.0	10.6	9.1	5.4	4.7	3.0	1.0	1.0	1.7	3.2	4.2	9.3	6.6	9.0	8.5	9.5	9.5	6.9	7.1	24	13.0									
23	8.6	8.1	9.1	5.5	3.3	7.7	6.4	6.0	5.0	2.2	.5	-.2	.7	5.6	5.6	4.7	6	2.7	6	1.7	6	6.1	6.7	6.5	5.7	3.8	3.6	24	9.1						
24	6.9	6.5	4.1	7.7	8.1	8.9	9.9	6.5	6.2	4.2	.8	5.0	3.7	1.0	6	3.7	6	6.1	6	7.8	6	7.1	5.9	6	9.3	9.4	13.8	11.4	11.6	24	13.8				
25	11.9	13.1	13.1	13.6	13.3	13.1	13.1	8.9	8.7	8.4	16.2	13.8	19.8	24.0	18.4	18.1	13.3	11.1	10.4	13.8	8.7	7.4	7.2	7.9	24	24.0									
26	8.9	8.4	6.0	6.2	8.9	9.7	6.7	7.5	6.7	5.8	5.1	4.1	3.1	7.7	3.8	1.4	4.3	5.1	5.8	6.5	6.2	5.1	7.0	5.3	24	9.7									
27	7.4	6.0	6.2	6.2	6.2	8.4	9.1	7.2	6.9	7.8	6.6	5.0	6.9	BA	BA	4.2	4.0	5.7	4.7	6.0	8.9	6	9.4	13.6	11.8	22	13.6								
28	13.3	14.7	14.2	18.8	15.2	10.9	18.1	12.3	8.6	8.8	6.6	8.1	6.6	8.1	8.8	4.7	2.7	6.4	7.1	6.9	8.6	9.9	9.6	15.0	24	18.8									
29	12.6	8.9	12.3	16.2	12.3	11.1	13.8	12.1	14.5	9.6	10.3	13.0	9.1	8.1	8.5	9.1	8.3	7.3	9.8	8.6	17.8	12.8	14.3	14.3	24	17.8									
30	17.4	15.5	17.2	14.8	15.5	13.1	14.1	12.3	12.5	7.4	9.1	8.4	5.2	6.6	10.5	9.1	6.9	7.4	8.4	10.6	9.4	6	6.5	6	5.8	5.8	24	17.4							
31																																			0
NO.:	30	30	30	30	30	30	30	30	30	29	28	29	30	29	29	30	30	30	30	30	30	30	30	30	30	24	15.3								
MAX:	17.9	17.9	17.2	21.0	19.5	18.8	20.0	17.2	14.5	14.6	18.2	15.6	19.8	24.0	18.4	18.1	14.7	14.3	13.4	16.8	17.8	18.6	17.3	15.3											
AVG:	9.22	8.89	9.72	10.24	10.20	9.45	10.60	8.62	7.78	7.18	6.85	6.74	7.01	6.98	6.82	6.78	6.79	6.91	7.34	8.38	8.58	8.69	9.02	9.04											

MONTHLY OBSERVATIONS: 714 MONTHLY MEAN: 8.25 MONTHLY 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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-035-0004 POC: 3
 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 Environmental Quality
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2015

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	5.1	4.1	1.6	1.8	1.6	.2	7.0	7.7	6.0	4.3	4.8	4.8	3.5	2.0	4.0	4.7	3.0	2.8	3.8	6.9	12.3	13.6	11.4	10.4	24	13.6	
2	10.9	9.1	11.1	13.1	16.0	12.6	13.1	10.9	6.9	4.5	3.7	5.5	5.2	9.1	6.4	3.5	4.5	5.7	5.4	6.1	7.1	20.8	22.3	15.0	24	22.3	
3	21.3	16.0	21.3	18.4	10.1	10.6	14.1	9.4	7.2	7.4	7.8	10.8	10.0	9.6	9.1	10.8	9.6	9.8	7.1	9.6	10.0	17.8	15.2	13.4	24	21.3	
4	11.3	11.3	15.2	14.1	17.7	18.6	18.4	15.0	12.8	17.6	16.6	10.8	13.0	10.3	9.6	13.2	13.5	10.5	13.0	12.2	16.1	20.0	15.2	16.4	24	20.0	
5	10.8	7.9	6.5	9.9	11.4	10.9	13.8	11.5	AZ	AZ	AZ	10.5	15.1	17.3	16.3	11.5	10.0	10.0	13.2	14.9	19.7	15.9	13.7	11.5	21	19.7	
6	15.1	23.9	20.5	17.6	22.0	23.2	17.5	18.7	18.0	18.5	20.5	16.1	16.6	10.3	11.0	12.7	16.1	12.7	12.5	16.8	18.3	19.0	17.8	23.9	24	23.9	
7	20.5	21.2	19.7	19.0	17.5	17.1	15.9	22.9	21.7	AX	BA	BA	BA	10.8	13.7	14.2	15.6	14.7	18.0	21.7	20.5	18.8	16.4	21.5	20	22.9	
8	24.7	19.8	21.2	20.5	22.0	19.5	23.0	18.5	13.7	11.8	12.2	11.8	10.5	12.2	12.7	16.4	16.3	17.5	11.5	16.3	14.0	17.1	18.3	20.7	24	24.7	
9	19.5	22.0	18.0	16.6	16.6	19.0	12.8	15.9	9.1	7.4	4.5	5.9	5.9	4.5	8.3	9.3	6.9	10.8	9.3	10.5	15.2	14.3	11.3	10.1	24	22.0	
10	13.8	10.8	12.8	12.3	9.8	8.3	9.3	7.6	10.6	10.0	10.8	6.2	4.5	8.3	7.1	6.4	6.4	7.1	11.8	9.5	11.8	12.5	13.5	11.5	24	13.8	
11	7.9	9.8	9.8	13.0	8.6	12.0	9.6	13.7	10.5	10.3	9.5	7.8	8.3	9.8	15.1	15.8	20.2	17.3	16.8	16.6	9.5	11.0	15.1	16.8	24	20.2	
12	12.0	16.1	14.9	10.8	11.5	16.3	13.2	18.0	16.1	16.6	16.8	14.2	15.4	12.2	8.1	7.1	6.4	6.4	8.3	12.7	13.2	10.3	6.4	7.6	24	18.0	
13	5.7	5.9	7.3	7.8	8.8	7.3	6.6	5.4	7.9	AX	BA	BA	BA	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	9	8.8
14	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
15	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
16	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
17	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
18	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
19	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	BA	8.0	4.1	5.8	9.0	6.1	7.5	9.2	12.9	8	12.9	
20	13.2	9.0	8.8	11.9	11.0	11.0	10.2	12.4	7.0	4.6	6.8	5.1	1.9	4.4	3.4	2.2	.8	1.0	5.8	8.7	6.8	7.5	9.5	11.0	24	13.2	
21	9.0	12.7	13.2	9.5	10.0	11.2	15.3	12.7	15.1	20.4	15.6	12.4	6.8	7.5	6.3	3.7	2.2	3.7	1.5	.5	4.7	5.9	9.0	7.8	24	20.4	
22	3.7	.1	.3	1.5	2.5	5.0	7.6	7.5	6.1	6.6	10.5	6.8	3.5	2.2	.1	1.5	3.9	4.4	3.2	4.9	5.2	12.2	15.1	14.4	24	15.1	
23	11.7	13.9	10.0	10.0	9.0	10.3	9.5	6.6	5.6	4.2	3.0	5.0	5.7	4.2	4.5	4.9	2.5	4.7	6.1	10.5	12.7	9.8	11.0	15.6	24	15.6	
24	20.2	10.3	9.5	10.3	13.8	17.3	14.4	11.3	9.3	6.4	5.4	6.1	9.8	9.5	6.4	7.1	9.5	10.0	8.8	12.5	10.8	14.0	14.6	10.3	24	20.2	
25	10.5	11.5	12.0	10.0	11.0	11.8	8.6	8.1	9.3	8.8	10.3	7.1	5.7	5.9	7.3	5.9	4.5	4.7	5.2	5.4	6.4	6.1	10.3	9.1	24	12.0	
26	8.8	6.4	7.6	10.3	9.8	10.3	10.5	12.0	9.3	6.4	3.5	4.0	8.1	4.9	3.9	3.7	4.7	5.2	3.4	5.9	6.9	4.2	3.2	.6	24	12.0	
27	-.2	-1.7	.5	4.4	3.9	2.4	6.1	3.4	8.0	5.2	3.2	3.9	4.2	4.7	3.7	3.2	4.2	5.2	7.6	5.4	3.9	6.6	8.8	6.6	24	8.8	
28	5.4	9.0	6.1	5.9	8.0	5.2	6.1	8.0	9.5	9.7	10.5	6.1	9.0	6.6	8.0	7.2	7.3	15.3	6.3	4.9	9.7	7.3	6.3	7.1	24	15.3	
29	6.6	4.9	6.6	6.3	7.3	6.1	6.8	7.1	6.6	18.2	12.9	14.7	16.3	10.2	12.2	12.4	9.7	8.5	7.8	13.7	12.9	10.7	11.7	9.0	24	18.2	
30	13.4	10.7	12.9	7.8	5.1	7.3	12.7	8.8	8.5	10.0	7.8	4.6	4.7	4.9	5.1	5.2	4.4	6.1	6.6	7.8	8.0	7.8	6.8	5.4	24	13.4	
31	6.3	6.3	9.0	5.2	7.3	7.6	5.9	5.2	2.7	4.4	8.8	8.8	8.8	5.9	7.1	4.9	7.3	6.6	8.3	6.8	8.5	5.9	8.0	6.8	24	9.0	
NO.:	25	25	25	25	25	25	25	25	24	22	22	23	23	24	24	24	25	25	25	25	25	25	25	25	25		
MAX:	24.7	23.9	21.3	20.5	22.0	23.2	23.0	22.9	21.7	20.4	20.5	16.1	16.6	17.3	16.3	16.4	20.2	17.5	18.0	21.7	20.5	20.8	22.3	23.9			
AVG:	11.49	10.84	11.06	10.72	10.89	11.24	11.52	11.13	9.90	9.70	9.34	8.22	8.37	7.80	7.89	7.81	7.90	8.19	8.28	9.99	10.81	11.86	12.00	11.82			

MONTHLY OBSERVATIONS: 586 MONTHLY MEAN: 9.98 MONTHLY MAX: 24.7

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-035-0004 POC: 3
 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 Environmental Quality
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2015

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	5.9	5.9	7.1	5.2	4.9	3.5	3.4	6.8	4.9	5.2	9.0	7.5	7.3	7.1	7.1	7.8	7.0	6.8	8.8	5.2	2.2	2.0	4.2	4.4	24	9.0	
2	1.7	1.3	5.6	4.4	2.4	3.4	5.4	4.7	4.7	6.6	3.0	2.5	6.1	5.9	3.7	4.4	6.8	6.8	7.1	4.2	3.7	4.2	4.7	3.7	24	7.1	
3	5.9	5.6	4.7	3.7	7.1	5.9	4.9	5.4	5.2	3.0	3.2	2.5	2.2	4.0	3.9	6.3	6.4	8.0	7.1	7.6	7.6	11.5	7.1	5.4	24	11.5	
4	5.4	6.6	3.7	.1	3.0	4.5	2.0	3.0	3.0	2.7	2.5	1.5	.8	1.3	1.7	.8	2.7	2.5	1.3	7.6	8.0	10.8	9.8	7.3	24	10.8	
5	8.8	5.6	3.0	3.0	4.9	5.9	4.9	7.3	7.0	AX	BA	6.1	8.5	9.5	6.8	8.5	7.3	5.9	6.3	7.8	8.0	10.8	11.0	7.8	22	11.0	
6	11.2	7.1	8.5	12.2	8.5	7.8	9.8	9.5	9.5	11.2	16.0	15.1	11.5	11.9	14.2	12.2	12.4	10.3	11.2	13.2	12.7	21.2	18.0	13.7	24	21.2	
7	20.2	13.7	16.8	15.1	13.2	12.7	13.7	16.3	12.7	9.8	14.5	12.9	8.0	9.3	12.2	10.0	7.8	10.5	17.0	12.7	12.0	11.7	11.7	17.8	24	20.2	
8	12.2	10.3	13.7	9.1	8.3	9.8	5.4	3.2	9.5	9.8	7.6	11.7	11.0	12.2	11.5	18.0	7.3	7.3	6.1	7.6	10.7	9.3	6.6	3.7	24	18.0	
9	3.2	2.0	.8	4.7	3.4	.8	3.0	4.7	2.7	4.9	4.6	8.5	9.9	8.5	5.3	8.0	9.4	6.8	8.0	18.2	13.2	20.7	13.7	16.6	24	20.7	
10	18.2	19.2	15.8	15.6	16.5	23.1	16.5	18.2	12.9	19.4	18.7	16.0	17.0	14.9	14.7	16.5	14.2	13.7	18.7	18.2	16.8	14.2	17.0	14.7	24	23.1	
11	16.8	8.8	12.9	11.7	15.3	13.4	14.7	13.7	11.7	14.9	11.0	10.5	9.0	7.3	7.5	4.9	.0	3.9	3.9	3.4	5.4	4.7	3.7	24	16.8		
12	6.3	5.9	3.7	5.1	4.9	8.3	8.0	7.3	6.3	9.2	8.0	6.8	4.4	7.5	8.5	7.5	11.2	6.8	10.0	13.9	12.2	8.5	5.4	9.3	24	13.9	
13	9.5	7.3	7.8	6.3	4.4	6.6	7.1	7.3	5.6	6.3	7.3	10.7	8.3	4.9	6.6	10.9	12.7	10.5	12.4	9.7	12.9	9.2	12.7	12.0	24	12.9	
14	9.2	12.5	13.2	14.7	10.0	12.7	12.2	12.9	17.0	16.8	16.1	10.5	11.0	17.0	8.7	14.4	15.5	11.7	11.7	17.7	14.9	19.7	57.9	15.6	24	57.9	
15	10.0	10.7	10.5	8.0	8.5	4.7	6.1	8.8	7.0	BA	BA	BA	BA	10.9	8.9	6.8	10.9	8.2	7.0	10.2	14.7	11.0	15.5	11.2	20	15.5	
16	9.7	12.4	11.5	15.1	12.2	16.0	14.7	22.9	22.1	15.2	15.8	12.4	14.9	8.5	8.2	7.2	6.1	11.7	14.1	13.4	20.9	14.1	11.7	12.9	24	22.9	
17	10.0	6.1	10.5	8.0	5.1	8.7	10.0	9.2	10.2	8.2	6.8	8.2	7.7	9.7	11.7	11.2	11.2	10.5	8.7	8.3	8.7	6.3	7.0	10.5	24	11.7	
18	11.9	13.2	10.2	10.2	11.2	11.0	16.5	15.3	14.9	14.9	13.4	11.4	15.1	8.7	15.5	12.4	10.2	9.9	6.5	6.1	9.7	12.7	8.7	10.0	24	16.5	
19	7.0	12.4	12.4	10.7	12.7	10.7	12.2	10.2	9.0	7.3	11.4	15.5	12.4	13.7	11.2	6.3	5.4	8.0	8.7	9.2	6.6	11.2	7.0	8.7	24	15.5	
20	6.3	3.7	4.7	7.8	6.1	5.6	11.0	10.9	13.4	14.4	12.2	10.0	9.5	AV	13.4	12.9	14.2	10.2	7.8	8.2	5.4	6.6	5.4	3.7	23	14.4	
21	8.0	6.3	8.0	6.3	7.5	8.3	7.1	4.7	6.1	6.8	11.7	11.2	7.8	4.9	4.7	4.4	2.9	6.8	7.5	9.2	8.0	8.3	4.9	5.8	24	11.7	
22	4.4	4.4	10.0	6.1	9.5	8.5	4.9	3.9	2.7	5.6	5.6	5.1	6.3	5.8	6.8	8.3	4.9	6.8	6.5	7.0	15.0	14.2	9.0	10.2	24	15.0	
23	15.5	3.7	10.2	6.8	6.1	10.0	9.0	8.8	12.4	22.6	28.9	29.6	29.1	20.7	20.6	21.4	24.1	25.5	28.7	28.9	32.1	28.4	28.9	27.8	24	32.1	
24	21.4	25.5	26.3	25.5	22.4	22.1	21.9	17.5	13.2	BA	BA	BA	BA	14.4	13.6	17.4	10.6	13.6	19.6	17.4	11.2	12.9	9.5	8.2	20	26.3	
25	5.8	4.9	4.6	11.9	13.7	9.7	11.7	10.5	12.6	17.5	22.4	19.6	11.9	10.2	9.0	11.4	13.4	8.5	10.4	14.6	12.4	10.9	12.4	14.2	24	22.4	
26	12.6	8.7	17.0	19.7	15.8	16.5	18.2	17.2	25.5	17.9	16.5	12.4	15.3	18.2	20.9	16.5	16.0	13.2	17.9	13.7	13.9	12.9	11.4	14.7	24	25.5	
27	12.2	9.5	14.2	10.5	9.5	12.9	14.7	12.4	17.0	10.0	15.3	11.2	8.5	11.4	8.3	8.2	9.5	7.3	5.1	6.3	8.0	8.5	5.9	2.7	24	17.0	
28	2.9	3.4	2.2	1.5	3.4	4.2	4.4	3.4	2.9	2.4	3.2	6.6	4.9	1.5	1.3	1.5	3.2	3.4	3.9	5.1	5.8	8.3	6.8	12.9	24	12.9	
29	9.5	5.6	5.1	6.8	9.5	8.5	6.1	8.3	7.3	4.4	4.4	2.7	-.2	2.0	3.7	3.9	4.9	10.9	8.5	9.5	7.5	4.9	8.0	9.0	24	10.9	
30	9.5	8.5	11.2	11.2	8.5	11.0	9.8	10.7	10.2	6.6	4.7	3.7	1.8	2.7	10.0	8.0	10.2	10.7	13.7	16.8	13.4	13.7	13.2	15.1	24	16.8	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	27	27	28	28	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	21.4	25.5	26.3	25.5	22.4	23.1	21.9	22.9	25.5	22.6	28.9	29.6	29.1	20.7	20.9	21.4	24.1	25.5	28.7	28.9	32.1	28.4	57.9	27.8			
AVG:	9.71	8.36	9.53	9.23	8.95	9.56	9.64	9.83	9.97	10.13	10.88	10.09	9.29	9.12	9.34	9.60	9.28	9.09	10.14	11.05	11.05	11.47	11.66	10.44			

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: 9.89 MONTHLY MAX: 57.9

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-035-0004 POC: 3
 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 Environmental Quality

MONITOR TYPE: Multiple Monitor Types

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2015

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	11.0	15.1	11.0	15.6	16.8	14.2	14.7	17.5	14.7	BA	26.5	25.6	27.5	32.4	38.0	34.3	35.1	32.1	31.4	45.3	41.6	37.8	38.8	37.3	23	45.3	
2	35.1	28.7	33.4	32.1	31.4	29.6	35.6	35.3	23.4	9.7	11.9	14.9	11.9	9.5	6.6	5.8	2.9	1.3	3.4	4.7	8.7	7.8	5.4	6.6	24	35.6	
3	4.9	1.0	1.8	5.8	7.3	5.1	6.3	6.1	4.9	7.3	9.2	9.0	10.2	8.3	4.7	3.4	9.2	5.6	1.5	.5	3.4	6.1	2.4	5.4	24	10.2	
4	7.1	4.2	3.9	4.4	2.9	3.4	4.9	4.4	8.0	6.6	3.4	2.9	4.4	2.2	4.4	3.2	.8	.0	6.5	5.9	9.0	10.9	8.8	8.8	24	10.9	
5	6.1	9.3	12.4	12.9	12.2	12.4	13.2	22.9	16.3	11.4	13.7	12.7	15.1	11.2	7.3	7.0	4.9	4.1	9.0	7.3	4.4	4.2	2.9	2.9	24	22.9	
6	2.5	1.9	.3	-.2	3.9	4.9	5.8	5.8	5.1	1.3	5.6	4.4	6.6	BA	BA	AX	20.4	27.5	24.3	23.6	21.9	24.8	20.9	22.4	21	27.5	
7	26.3	18.0	27.5	26.3	23.9	22.6	24.8	26.6	26.1	19.7	24.8	16.7	19.2	13.7	13.1	16.5	13.6	16.7	16.3	14.7	20.6	17.2	19.7	22.1	24	27.5	
8	20.4	18.7	18.0	15.3	18.9	18.2	22.4	16.5	18.2	20.7	23.8	19.4	17.0	17.2	18.9	5.4	15.5	9.7	12.7	9.2	11.9	9.7	15.8	13.2	24	23.8	
9	7.8	8.3	7.5	13.7	11.9	9.5	10.7	17.9	15.5	22.1	25.3	13.9	19.4	24.3	16.3	13.6	18.2	19.4	23.3	22.7	19.9	23.6	20.9	24.1	24	25.3	
10	22.6	21.2	26.6	27.0	23.4	22.4	22.6	16.5	25.1	26.1	28.0	26.1	28.4	24.8	28.2	26.3	23.6	27.0	24.8	27.3	27.3	26.3	27.5	27.3	24	28.4	
11	21.2	22.2	20.2	19.4	25.3	20.2	17.7	14.8	10.2	6.8	4.2	6.8	5.6	1.3	6.1	4.4	4.7	9.0	6.3	5.6	6.1	6.6	7.3	5.6	24	25.3	
12	4.4	6.1	6.8	6.3	8.5	7.8	6.6	7.0	10.5	9.7	8.8	8.8	10.2	8.8	14.4	15.1	10.0	15.3	17.7	18.5	14.4	13.4	14.7	12.7	24	18.5	
13	12.7	12.7	18.7	17.7	15.3	12.2	16.1	13.7	13.7	12.2	14.7	10.7	10.0	10.5	10.4	11.4	7.7	13.4	16.7	9.7	4.9	2.4	1.8	2.7	24	18.7	
14	2.4	-.5	1.0	2.9	2.4	4.4	5.8	3.4	1.3	1.3	2.5	1.5	1.0	.0	.8	1.5	1.5	-.5	2.2	1.9	1.6	3.2	3.9	4.2	24	5.8	
15	3.9	6.8	7.1	4.4	4.7	3.9	3.4	4.1	6.1	4.2	2.4	3.9	3.7	2.7	1.9	2.7	2.7	3.9	3.9	4.2	3.4	10.9	10.2	7.0	24	10.9	
16	5.1	4.4	5.6	3.9	2.4	4.7	5.4	7.0	7.8	4.9	4.4	10.9	6.1	2.7	6.6	5.8	5.1	3.4	4.7	7.0	9.7	8.8	11.2	12.2	24	12.2	
17	10.0	8.8	11.5	10.2	12.2	10.5	13.4	14.2	12.2	17.0	16.0	11.7	12.2	17.7	14.2	11.7	9.0	8.5	8.7	15.3	13.7	13.4	11.9	10.5	24	17.7	
18	12.2	10.5	9.7	13.7	15.8	14.9	16.3	12.9	19.2	14.2	13.7	10.7	11.2	9.7	5.4	5.6	8.5	8.7	9.0	6.1	14.7	10.7	5.8	11.4	24	19.2	
19	9.2	6.1	9.0	8.0	10.0	11.2	9.5	12.9	12.7	10.0	11.2	10.7	10.2	7.7	7.3	14.2	9.7	8.5	8.7	17.2	9.2	7.0	6.3	6.0	24	17.2	
20	8.5	8.2	8.5	9.2	12.2	14.9	7.8	17.2	8.0	11.4	12.2	12.7	9.4	8.7	12.4	10.9	10.7	6.0	10.9	7.5	5.8	7.5	4.9	10.9	24	17.2	
21	7.5	6.0	6.0	6.8	5.6	6.0	7.0	10.2	8.7	6.3	9.7	8.7	9.7	8.5	8.5	9.2	6.8	7.2	7.5	7.7	7.0	8.0	9.9	6.0	24	10.2	
22	7.5	9.5	7.8	6.5	7.3	9.2	9.2	12.4	8.7	5.3	3.6	11.7	10.2	9.2	10.2	8.0	7.0	5.1	7.0	10.7	11.4	20.9	15.1	14.6	24	20.9	
23	18.2	10.4	10.0	12.4	14.6	11.2	8.7	17.5	13.7	14.4	10.2	7.5	11.9	8.7	14.2	8.5	10.7	8.5	4.4	3.7	9.2	9.5	10.0	14.6	24	18.2	
24	15.3	12.9	15.3	20.2	18.4	22.6	15.2	17.0	22.6	17.5	11.7	18.2	17.2	13.4	14.4	16.8	9.0	10.9	15.3	27.0	19.2	21.9	14.9	16.5	24	27.0	
25	16.7	16.7	17.7	14.9	13.7	12.9	17.0	16.7	19.4	19.4	11.9	11.4	17.7	19.9	15.3	20.4	18.2	16.8	21.6	20.9	20.4	17.9	19.2	23.6	24	23.6	
26	20.2	18.0	17.7	20.9	20.2	16.5	21.4	19.4	21.6	14.2	13.4	19.7	16.5	11.9	11.7	10.2	15.1	10.4	16.3	19.2	17.0	18.4	21.4	14.9	24	21.6	
27	20.2	12.7	19.9	17.5	25.6	20.4	16.3	16.7	16.7	20.9	13.2	13.4	15.8	15.5	12.9	15.3	8.3	5.4	8.0	7.8	9.7	14.2	12.9	9.7	24	25.6	
28	8.5	6.5	8.7	15.5	13.9	10.2	16.8	6.3	17.0	11.7	10.0	11.2	14.7	12.4	8.7	15.8	12.2	8.7	13.4	11.4	6.1	9.7	8.5	6.6	24	17.0	
29	8.0	5.6	3.7	3.2	6.3	8.0	14.4	9.0	8.0	6.8	7.8	16.5	13.6	16.0	14.2	18.2	10.0	15.1	15.5	14.1	10.9	10.9	13.4	10.9	24	18.2	
30	13.2	14.2	13.7	11.7	8.5	10.5	10.5	9.5	10.5	11.4	15.4	10.5	13.1	11.2	10.7	9.9	6.3	10.9	16.3	13.9	12.4	10.2	11.4	10.7	24	16.3	
31	8.8	8.0	13.7	13.4	9.5	9.5	10.5	8.3	7.5	7.8	7.0	4.4	4.1	2.4	7.7	6.5	3.6	2.7	4.1	4.1	13.4	8.0	10.9	13.7	24	13.7	
NO.:	31	31	31	31	31	31	31	31	31	30	31	31	31	30	30	30	31	31	31	31	31	31	31	31	31		
MAX:	35.1	28.7	33.4	32.1	31.4	29.6	35.6	35.3	26.1	26.1	28.0	26.1	28.4	32.4	38.0	34.3	35.1	32.1	31.4	45.3	41.6	37.8	38.8	37.3			
AVG:	12.18	10.72	12.09	12.63	13.06	12.39	13.23	13.54	13.34	11.74	12.14	11.85	12.38	11.42	11.52	11.25	10.35	10.36	11.77	12.75	12.45	12.90	12.61	12.75			

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 12.15 MONTHLY MAX: 45.3

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-035-0004 POC: 3
 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 Environmental Quality
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2015

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	8.0	16.3	9.0	9.5	8.5	6.6	7.8	7.0	6.3	5.1	3.2	4.1	4.1	3.9	3.7	3.4	2.9	6.6	7.3	10.2	10.7	11.9	11.7	24	16.3
2	14.2	9.5	9.7	10.0	8.5	8.3	10.2	9.5	9.2	6.8	4.7	3.9	2.2	1.5	5.4	7.5	6.8	7.0	6.1	4.9	5.6	6.4	7.5	7.5	24	14.2
3	9.5	9.7	8.5	14.4	9.3	8.3	8.8	10.2	13.4	8.3	AZ	AZ	18.9	16.5	7.3	12.4	11.7	8.0	12.7	12.9	9.5	17.5	14.7	15.6	22	18.9
4	9.0	6.8	13.2	13.2	13.5	15.1	9.3	17.0	8.0	11.0	13.4	7.3	8.0	10.0	11.5	10.0	7.1	11.0	15.8	13.2	16.5	18.9	11.9	12.4	24	18.9
5	12.9	10.5	9.5	17.7	18.2	25.1	23.9	27.1	28.4	AX	BA	28.6	20.2	13.4	12.1	10.2	10.2	16.5	13.2	28.0	17.5	16.3	11.9	10.7	22	28.6
6	13.9	16.0	16.5	20.4	17.2	15.6	15.8	10.5	12.7	10.0	19.2	13.7	16.0	14.4	12.9	14.9	15.5	15.8	10.7	11.0	6.6	8.5	6.3	3.7	24	20.4
7	6.8	4.9	3.2	8.5	11.4	7.5	7.8	4.4	5.6	6.6	10.5	12.7	7.3	5.4	9.5	10.9	9.7	12.2	10.2	8.0	5.8	6.6	5.9	3.9	24	12.7
8	2.7	3.7	2.7	5.6	6.8	8.5	10.7	11.0	10.2	6.3	5.4	3.7	3.2	3.9	6.3	9.0	5.9	4.9	4.4	5.1	5.6	6.6	6.1	12.2	24	12.2
9	6.8	10.7	13.7	11.5	10.7	13.2	11.9	9.0	8.0	8.3	6.3	10.2	7.0	4.6	8.5	8.5	12.4	10.5	8.7	10.5	11.9	12.2	10.0	7.5	24	13.7
10	9.5	6.1	8.8	7.8	12.7	11.0	15.1	8.7	16.3	17.0	12.7	13.9	14.2	14.9	14.9	10.0	10.2	13.4	9.7	6.8	6.1	4.9	6.3	3.7	24	17.0
11	3.4	6.8	6.3	5.4	2.9	6.6	5.4	3.2	7.1	8.7	10.2	7.2	6.0	7.9	8.7	7.4	7.4	7.0	4.1	6.7	7.0	10.2	9.4	8.7	24	10.2
12	8.2	8.2	12.6	11.2	8.5	11.9	8.7	13.6	11.9	10.2	9.0	8.0	6.3	3.1	2.4	2.4	2.4	5.3	5.6	3.4	3.1	8.5	12.7	12.4	24	13.6
13	11.2	7.7	7.0	10.2	8.5	8.5	7.7	6.0	5.3	9.7	10.2	7.0	7.5	7.3	5.3	6.5	6.8	5.8	6.5	9.4	9.2	8.7	11.7	10.7	24	11.7
14	17.7	13.4	14.4	13.9	12.4	8.7	14.2	10.7	10.2	17.9	10.7	8.3	13.4	9.7	11.7	8.0	14.2	13.6	10.2	8.5	10.0	8.3	5.6	7.5	24	17.9
15	12.7	11.2	11.2	9.9	9.7	9.0	6.8	11.0	11.9	9.0	8.7	12.2	9.5	7.7	6.3	9.0	9.7	7.3	9.0	11.0	14.7	12.7	23.1	16.0	24	23.1
16	14.2	11.4	12.2	8.0	10.2	12.4	14.2	20.4	25.8	11.9	10.5	9.0	11.7	7.0	6.3	7.5	7.3	7.0	12.2	10.7	9.7	8.7	9.7	11.9	24	25.8
17	11.7	9.2	6.3	12.9	10.0	12.4	10.7	7.8	11.9	12.9	13.2	10.7	11.7	12.7	9.5	6.3	14.1	17.0	17.7	14.1	17.2	15.3	14.7	8.5	24	17.7
18	9.2	7.3	4.4	1.8	11.4	7.3	3.9	5.4	5.6	3.6	1.3	.0	.8	1.2	2.0	2.4	1.8	2.4	4.4	2.2	-.8	3.4	5.3	4.6	24	11.4
19	5.3	3.2	1.0	1.5	4.9	6.3	4.1	3.4	4.9	7.3	5.1	4.4	6.8	4.9	3.4	1.7	5.6	5.1	4.6	2.9	2.0	1.5	.8	.7	24	7.3
20	1.7	.0	.0	3.6	5.3	2.4	2.9	3.6	18.9	7.7	6.3	3.1	3.2	3.9	5.3	4.4	3.2	2.9	6.8	4.6	4.1	5.4	3.2	2.4	24	18.9
21	6.6	3.9	1.0	8.2	7.5	5.1	2.7	4.4	5.1	3.2	1.0	3.4	6.1	5.8	6.5	4.1	7.0	9.2	8.7	8.5	8.7	7.8	4.9	6.1	24	9.2
22	7.3	9.0	8.3	9.7	10.7	8.3	9.7	10.5	10.2	11.7	10.2	11.2	12.9	10.2	14.9	11.7	15.3	9.5	10.2	13.7	14.7	11.2	15.1	13.7	24	15.3
23	11.4	11.7	16.8	11.4	12.9	12.7	16.3	17.2	11.2	13.9	12.2	18.0	14.2	14.4	8.0	7.0	11.2	8.0	11.4	9.5	8.5	11.9	6.3	2.2	24	18.0
24	5.4	4.7	3.4	.8	2.0	4.2	2.4	2.0	3.9	3.4	2.2	2.4	3.6	4.6	BA	BA	5.6	5.1	7.3	6.8	7.5	4.1	7.7	6.8	22	7.7
25	4.9	4.6	6.3	9.9	9.2	11.4	11.2	11.4	14.9	7.7	8.0	6.3	4.6	6.3	9.5	8.0	6.3	9.5	8.7	8.5	7.0	4.9	5.4	3.9	24	14.9
26	5.4	8.5	10.5	7.0	4.4	6.8	5.8	7.0	5.9	3.7	2.2	6.5	4.9	8.7	6.1	6.1	4.4	4.9	11.9	8.3	6.1	11.7	8.5	6.8	24	11.9
27	7.3	8.0	7.5	7.5	8.0	8.3	5.1	11.7	9.3	11.2	10.2	11.9	10.2	12.7	10.5	13.4	11.9	11.9	12.2	12.7	11.2	16.3	11.7	13.2	24	16.3
28	14.6	12.4	17.0	17.7	26.8	36.6	21.9	24.1	24.1	7.3	10.2	7.8	7.6	10.5	9.7	9.0	10.2	9.5	14.8	12.2	16.3	14.8	20.2	13.9	24	36.6
29	20.7	22.2	21.7	35.1	33.4	26.1	29.9	20.4	15.3	18.4	13.7	11.7	9.7	17.5	8.8	9.7	7.5	13.9	13.4	12.0	14.0	18.2	11.0	11.5	24	35.1
30	9.8	16.8	13.9	13.9	14.2	15.3	15.6	8.0	15.6	9.0	12.0	10.0	11.5	15.3	9.5	13.4	15.1	11.0	9.5	14.8	11.9	11.7	9.3	7.5	24	16.8
31	9.0	9.3	10.5	10.5	9.8	13.2	10.5	10.5	13.9	12.2	9.5	14.7	13.2	12.0	10.4	6.1	9.7	6.1	4.4	5.8	5.8	8.0	9.9	7.7	24	14.7
NO.:	31	31	31	31	31	31	31	31	31	30	29	30	31	31	30	30	31	31	31	31	31	31	31	31	31	
MAX:	20.7	22.2	21.7	35.1	33.4	36.6	29.9	27.1	28.4	18.4	19.2	28.6	20.2	17.5	14.9	14.9	15.5	17.0	17.7	28.0	17.5	18.9	23.1	16.0		
AVG:	9.51	8.88	9.50	10.59	11.05	11.44	10.64	10.56	11.67	9.37	8.76	9.03	8.92	8.78	8.24	8.04	8.70	8.85	9.41	9.48	9.14	10.06	9.64	8.57		

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 9.54 MONTHLY MAX: 36.6

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-035-0004 POC: 3
 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 Environmental Quality
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2015

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	13.9	10.2	12.9	8.3	6.8	7.5	9.5	9.0	7.8	8.3	6.8	4.6	10.4	8.7	6.8	8.2	9.0	9.2	7.5	8.0	10.2	14.2	14.2	11.2	24	14.2	
2	10.7	10.7	8.0	7.0	6.6	8.2	5.6	4.2	9.2	5.1	7.5	8.5	6.6	8.5	5.8	8.2	9.7	8.7	14.9	12.9	10.0	13.9	8.5	9.5	24	14.9	
3	9.2	9.5	7.8	8.0	10.7	10.5	9.0	11.4	17.0	19.2	13.4	12.9	19.2	11.7	10.5	9.7	17.0	17.0	17.5	19.9	17.2	13.2	10.9	10.5	24	19.9	
4	15.3	11.9	17.2	13.2	14.2	14.2	15.8	19.0	17.7	15.1	16.6	AX	BA	BA	14.4	19.6	19.4	15.7	20.1	18.6	10.9	8.9	6.7	12.9	21	20.1	
5	10.9	11.6	12.6	8.2	11.2	10.2	16.9	18.4	21.1	18.6	17.0	17.2	17.0	11.7	18.7	8.7	15.5	17.9	21.1	18.4	18.4	16.5	14.4	17.7	24	21.1	
6	19.2	12.4	11.4	11.9	8.7	11.2	11.2	10.4	12.7	11.4	9.7	8.7	9.2	7.5	11.2	12.2	10.2	10.7	10.7	16.7	10.2	9.7	13.9	13.7	24	19.2	
7	13.2	12.4	10.2	6.8	9.7	8.0	5.8	8.2	8.3	4.9	2.7	5.1	5.8	6.1	5.1	3.2	2.9	3.4	3.2	8.3	7.5	4.7	8.3	10.7	24	13.2	
8	7.8	6.8	9.0	5.6	4.2	10.9	8.5	10.7	6.8	6.1	3.4	6.8	12.2	7.8	4.9	11.2	6.8	5.6	4.6	5.6	11.2	7.5	5.1	4.9	24	12.2	
9	4.7	4.4	5.4	7.3	8.5	6.8	11.2	6.1	8.7	6.6	6.8	2.7	1.0	2.2	4.4	3.7	6.5	5.6	8.7	5.4	2.2	8.5	8.0	3.6	24	11.2	
10	2.7	2.7	5.4	5.4	3.9	2.9	5.1	4.9	6.0	3.4	1.5	5.8	7.5	5.1	7.7	6.5	3.9	5.6	2.6	10.2	7.0	6.8	4.8	6.7	24	10.2	
11	5.1	5.6	5.1	2.9	.7	2.7	1.9	2.2	2.9	6.0	8.5	7.2	6.3	5.6	2.9	3.1	8.5	5.3	6.3	8.0	5.3	3.4	2.4	4.4	24	8.5	
12	6.0	3.1	1.0	2.4	1.2	.0	-1.3	-1.0	3.9	4.6	4.1	2.1	.5	-5	1.5	1.7	.8	1.5	3.1	2.9	5.3	3.4	1.9	2.9	24	6.0	
13	4.6	2.9	4.2	6.3	6.1	2.7	1.4	1.4	2.7	1.7	.5	.8	1.2	1.9	3.9	3.1	1.9	1.4	4.9	5.6	5.4	4.7	5.1	7.1	24	7.1	
14	4.2	2.4	4.9	5.6	3.4	3.4	3.7	4.2	3.4	AX	BA	BC	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	9	5.6
15	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
16	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
17	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
18	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	BA	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
19	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	BA	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
20	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
21	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	BA	3.4	3.1	5.1	8.9	4.9	2.1	5.3	4.1	7.7	9	8.9	
22	5.3	3.9	2.6	2.9	3.4	3.4	4.1	4.4	4.2	3.7	2.4	1.0	3.2	3.4	1.5	1.7	7.5	9.0	6.6	9.2	6.3	4.2	10.2	7.3	24	10.2	
23	4.4	2.7	4.7	10.0	7.1	8.0	8.8	11.5	7.8	7.3	6.8	5.4	4.2	4.4	2.7	2.7	5.6	3.4	2.5	3.5	4.7	6.8	8.0	7.3	24	11.5	
24	6.3	7.5	6.1	9.5	7.1	6.1	4.0	3.7	7.3	5.1	5.4	4.4	4.9	8.3	6.8	4.7	3.9	4.5	5.2	4.2	9.8	9.3	4.7	7.6	24	9.8	
25	4.5	-2.2	-2.9	3.0	5.7	2.7	7.3	5.7	3.5	1.5	-2.2	-2.4	.6	1.1	-.5	-.7	-1.2	-1.7	.8	2.7	5.2	3.2	2.0	1.7	24	7.3	
26	2.0	1.1	-.7	-2.4	-2.4	-1.7	-.2	-.4	3.2	2.2	-1.9	-1.4	-2.4	-1.2	1.3	1.7	1.1	-.4	.1	1.7	2.7	.8	-.4	.1	24	3.2	
27	-.7	1.5	2.0	1.6	-.2	1.3	1.1	-.2	3.0	1.1	-2.9	-1.4	-1.2	.0	1.9	.8	-1.7	-1.2	.1	-1.5	-.7	-.2	-2.2	-1.4	24	3.0	
28	-.5	.3	5.1	3.9	.3	1.3	1.7	3.2	5.4	7.6	5.4	3.9	3.2	3.2	5.4	6.0	3.9	4.4	8.5	8.5	6.8	2.7	-.5	-.7	24	8.5	
29	.8	-2.0	-4.0	.5	2.4	4.9	2.4	1.2	1.9	1.0	3.1	3.7	.7	3.1	6.3	5.3	5.8	4.1	6.3	6.5	6.5	6.5	2.0	.8	24	6.5	
30	2.7	.0	2.9	3.4	1.8	4.2	2.9	3.7	6.8	5.8	3.4	4.1	4.1	3.9	5.6	4.1	3.1	2.9	2.2	2.2	3.2	2.2	1.5	4.1	24	6.8	
31																										0	
NO.:	23	23	23	23	23	23	23	23	23	22	22	21	21	21	22	23	23	23	23	23	23	23	23	23	23		
MAX:	19.2	12.4	17.2	13.2	14.2	14.2	16.9	19.0	21.1	19.2	17.0	17.2	19.2	11.7	18.7	19.6	19.4	17.9	21.1	19.9	18.4	16.5	14.4	17.7			
AVG:	6.62	5.19	5.69	5.71	5.27	5.63	5.93	6.17	7.45	6.65	5.36	4.75	5.44	4.88	5.85	5.60	6.23	5.99	7.23	7.93	7.28	6.79	5.81	6.53			

MONTHLY OBSERVATIONS: 543 MONTHLY MEAN: 6.09 MONTHLY MAX: 21.1

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-035-0004 POC: 3
 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 Environmental Quality
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2015

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	.8	.0	3.6	3.4	3.4	3.6	1.3	2.7	AX	BA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	9	3.7	
2	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		
3	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		
4	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		
5	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	BA	BA	BA	BC	BC	BC	2.9	2.9	4.4	6.3	4	6.3	
6	5.1	6.2	7.5	5.8	5.6	5.8	6.3	6.3	9.7	7.3	5.6	4.6	2.9	1.2	1.9	2.2	4.4	9.0	7.0	9.2	14.8	21.6	21.4	6	24	21.6	
7	12.9	6.1	10.2	9.5	5.9	2.2	7.1	4.9	3.5	5.4	6.8	5.4	4.7	2.7	2.4	5.1	4.4	3.2	4.4	10.0	7.1	5.4	16.3	12.2	15.3	24	16.3
8	16.3	10.0	9.0	8.0	7.6	8.1	7.3	5.4	4.4	5.9	6.3	5.9	5.2	7.3	11.7	6.6	11.9	9.3	12.5	8.0	10.0	8.5	7.3	9.3	24	16.3	
9	8.0	6.4	6.4	12.5	15.1	18.0	14.5	15.6	13.0	10.5	12.0	7.6	10.7	6.8	5.9	6.4	7.6	6.1	8.5	16.8	8.1	12.5	10.0	14.0	24	18.0	
10	10.5	9.8	8.1	10.3	7.8	8.8	8.3	7.8	9.0	8.8	10.0	11.7	12.5	9.1	11.8	10.8	9.1	9.3	10.3	5.9	4.0	7.6	4.5	5.7	24	12.5	
11	6.2	5.5	5.0	5.0	3.7	3.0	8.6	7.4	6.6	6.2	5.9	4.2	2.7	4.5	3.2	3.2	3.5	3.0	7.6	7.6	5.2	9.3	6.9	6.6	24	9.3	
12	10.1	7.4	5.2	6.7	9.1	8.6	9.3	4.7	5.4	5.7	7.1	8.8	7.3	2.7	5.7	5.4	3.7	4.2	5.4	8.1	9.3	10.3	10.1	10.0	24	10.3	
13	9.8	13.8	9.8	8.8	6.4	10.3	8.3	11.0	8.3	7.4	8.5	7.1	12.7	8.3	5.2	4.2	3.9	3.0	3.4	6.6	6.8	6.1	4.7	6.6	24	13.8	
14	6.4	7.4	5.0	9.3	7.8	11.5	8.1	13.2	7.6	4.7	4.4	6.8	5.4	3.9	2.9	4.4	4.7	3.7	6.3	9.8	10.7	9.3	7.3	3.7	24	13.2	
15	3.7	4.5	7.8	10.5	8.1	6.4	14.1	9.8	5.4	2.2	3.7	5.2	3.2	2.7	4.4	6.6	4.2	10.5	7.1	5.4	5.9	10.8	10.5	7.6	24	14.1	
16	7.1	9.5	11.3	8.6	7.4	8.3	7.1	7.9	9.3	6.6	5.0	3.7	3.0	5.9	5.4	3.2	6.9	9.0	9.8	10.8	13.2	8.6	5.4	5.9	24	13.2	
17	8.1	6.4	5.9	8.1	7.8	7.1	6.6	9.3	8.5	4.2	2.0	3.5	2.7	2.7	2.7	2.2	1.7	3.3	5.5	7.1	11.3	6.4	4.0	4.0	24	11.3	
18	3.5	4.5	2.8	4.0	5.2	6.7	8.1	5.2	3.8	7.8	5.2	1.7	2.0	1.8	4.7	4.5	1.8	.4	6.2	5.5	4.8	6.9	6.7	10.1	24	10.1	
19	12.8	11.3	14.9	8.4	6.2	6.2	9.3	5.7	2.8	.8	1.8	4.0	BA	BA	AX	AX	1.5	5.5	8.8	31.0	3.5	16.6	11.3	13.4	20	31.0	
20	14.7	12.5	9.6	14.2	16.6	8.4	12.0	12.8	8.9	6.9	5.2	4.2	6.2	5.0	2.5	3.0	3.0	4.7	5.5	8.1	10.1	11.3	10.3	13.7	24	16.6	
21	19.3	15.9	11.3	10.6	14.2	12.3	7.7	6.9	5.7	4.0	4.0	4.7	3.0	.6	.3	2.5	7.1	10.5	18.5	12.5	11.1	14.7	12.0	13.5	24	19.3	
22	11.3	12.3	11.0	11.5	11.5	10.6	8.4	8.1	10.5	6.7	4.8	5.4	5.5	4.2	1.0	3.5	5.0	3.3	10.5	21.0	13.3	15.9	15.4	17.1	24	21.0	
23	11.8	11.1	7.4	5.7	11.1	9.3	8.6	7.9	4.7	4.5	3.0	8.3	11.3	8.3	12.2	10.3	12.5	11.0	13.0	38.9	24.2	21.2	19.3	15.9	24	38.9	
24	18.8	16.4	16.4	19.8	20.3	19.8	20.5	15.9	15.2	14.9	11.3	11.8	12.3	12.3	14.0	13.5	11.8	13.5	14.4	23.7	27.0	25.2	24.4	22.5	24	27.0	
25	24.9	19.3	15.4	24.9	20.0	24.7	21.7	17.6	17.3	18.5	14.2	15.1	11.5	9.3	9.8	8.8	6.6	9.3	8.8	16.1	15.1	11.5	5.9	.8	24	24.9	
26	1.5	3.0	3.0	2.8	4.0	5.7	5.7	7.1	4.5	2.8	3.0	3.0	3.3	3.7	5.5	4.5	2.3	2.5	2.3	2.2	3.3	3.5	2.0	1.8	24	7.1	
27	3.0	3.7	4.2	2.5	1.8	4.2	4.7	4.7	4.2	3.0	4.2	4.7	3.2	.3	-.9	4.5	3.3	1.0	-.9	-1.4	.1	-3.3	-4.4	1.0	24	4.7	
28	1.3	1.3	2.0	.1	-2.1	-1.6	-1.1	.1	4.7	1.5	-1.9	.3	1.1	1.5	1.7	1.3	-.2	-2.4	-2.9	3.0	4.7	4.5	4.5	3.2	24	4.7	
29	3.7	3.5	.8	-1.9	1.0	.6	-1.7	3.7	4.2	5.4	6.1	4.2	3.2	4.2	7.8	5.2	11.0	11.2	9.6	13.3	17.1	12.0	8.3	35.2	24	35.2	
30	8.3	10.0	9.1	10.3	8.6	8.6	12.3	9.8	5.4	2.7	4.5	3.0	1.2	2.5	1.2	2.0	3.5	5.7	7.8	8.6	10.3	12.5	14.7	12.0	24	14.7	
31	9.3	8.1	9.8	13.2	8.8	10.5	8.1	9.1	7.4	8.3	8.1	9.6	8.3	8.8	9.5	8.3	7.1	9.8	12.8	16.1	14.4	24.0	26.8	19.0	24	26.8	
NO.:	27	27	27	27	27	27	27	27	27	26	26	26	25	25	25	25	26	26	26	26	27	27	27	27	27		
MAX:	24.9	19.3	16.4	24.9	20.3	24.7	21.7	17.6	17.3	18.5	14.2	15.1	12.7	12.3	14.0	13.5	12.5	13.5	18.5	38.9	27.0	25.2	26.8	35.2			
AVG:	9.34	8.41	7.71	8.49	8.12	8.61	8.57	8.07	7.21	6.31	5.75	5.92	5.72	4.80	5.41	5.26	5.43	6.18	7.99	11.58	9.87	11.36	9.85	10.61			

MONTHLY OBSERVATIONS: 633 MONTHLY MEAN: 7.81 MONTHLY MAX: 38.9

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-035-0004 POC: 3
 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 Environmental Quality
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2015

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	13.5	13.0	14.2	13.0	14.9	15.6	12.3	11.5	19.0	13.5	18.1	21.2	19.8	18.1	13.0	19.3	14.9	17.8	14.0	16.1	11.8	12.3	14.4	10.3	24	21.2	
2	7.4	9.8	6.9	10.3	7.8	8.8	7.8	7.9	5.2	2.5	6.4	4.7	3.2	2.0	4.2	4.4	3.2	3.9	2.5	5.4	4.4	3.4	3.2	6.1	24	10.3	
3	5.4	4.9	3.7	2.7	10.5	6.8	6.4	7.3	8.6	5.2	3.9	6.8	3.7	1.7	4.7	4.5	3.5	6.4	7.6	6.6	10.5	11.5	11.5	10.5	24	11.5	
4	11.0	15.1	11.0	10.3	9.3	8.6	12.5	8.5	11.3	10.5	10.0	8.3	6.6	5.4	7.6	7.8	9.0	7.3	13.7	11.9	15.9	14.9	9.8	10.3	24	15.9	
5	11.5	10.5	8.1	11.5	8.8	14.4	11.2	17.3	13.2	11.0	10.8	14.6	13.2	12.2	8.0	8.3	8.5	15.8	14.6	12.9	14.3	14.3	17.0	13.4	24	17.3	
6	18.7	14.6	14.6	10.7	10.0	7.3	10.5	6.6	5.6	AX	BA	BA	-2.4	2.7	4.4	5.2	7.3	6.1	6.6	11.2	8.8	5.1	5.9	6.8	21	18.7	
7	8.5	8.0	13.4	13.5	12.0	8.5	7.1	5.9	4.2	7.0	6.8	5.2	3.7	6.1	10.0	6.8	3.9	3.4	2.9	2.2	5.2	3.5	2.0	2.7	24	13.5	
8	2.2	3.2	3.9	3.2	3.2	3.2	2.7	4.4	4.4	3.2	2.2	1.7	5.6	5.2	3.2	4.9	3.7	5.7	5.0	4.7	5.0	6.4	3.7	2.7	24	6.4	
9	3.2	5.4	4.0	4.9	8.3	11.7	12.0	11.0	9.3	8.1	4.7	1.8	.3	.1	-2	-2	-9	1.7	1.5	.6	2.2	4.7	2.5	.1	24	12.0	
10	-.9	1.5	3.5	2.5	.1	-2.1	.1	1.5	.8	BA	BA	BA	-1.2	-2.4	-1.9	-1.2	.1	3.7	2.2	1.2	3.2	1.7	.3	3.2	21	3.7	
11	4.7	4.7	4.2	5.9	6.9	9.3	13.4	13.2	8.6	6.1	5.7	6.4	3.7	.6	.6	3.0	4.7	4.0	9.5	7.6	5.4	7.8	11.7	27.3	24	27.3	
12	17.1	17.8	14.6	15.1	13.6	9.8	11.7	17.8	14.4	16.1	AZ	AZ	AZ	4.9	4.7	4.4	2.2	.1	1.7	3.2	4.4	3.0	3.7	4.7	21	17.8	
13	2.5	.1	-.2	-.4	-.2	3.2	3.0	3.2	3.2	1.0	-.2	.3	1.0	.5	-.4	-.7	1.7	3.5	12.7	6.9	1.8	1.3	.3	.1	24	12.7	
14	4.7	3.7	2.0	2.7	2.3	2.8	4.5	3.3	2.5	4.3	1.2	-.9	-1.2	-2.2	-1.2	.7	1.1	3.7	5.0	3.7	7.1	21.0	11.8	11.8	24	21.0	
15	13.9	14.9	13.7	16.2	10.6	9.3	7.4	6.2	5.0	2.0	-.7	-2.4	-2.4	2.3	2.5	4.0	3.5	5.7	7.1	4.7	6.9	8.6	14.7	12.0	24	16.2	
16	19.7	11.3	17.3	14.4	13.4	13.4	13.7	9.6	9.8	11.6	7.1	7.6	9.3	4.7	2.0	2.8	3.0	4.2	10.8	12.7	16.8	23.9	17.5	23.2	24	23.9	
17	20.2	21.2	20.2	22.9	18.5	20.5	17.1	16.8	16.1	13.0	15.1	6.4	12.5	13.0	10.8	14.7	12.0	9.3	17.3	10.6	11.3	14.7	16.6	17.8	24	22.9	
18	14.4	18.0	13.9	11.0	13.0	11.5	11.5	12.0	14.2	13.9	12.5	12.3	10.5	12.0	13.3	16.1	7.6	5.9	5.7	4.5	5.0	3.5	3.5	3.0	24	18.0	
19	1.1	-.1	-.9	-2.4	-2.9	-1.9	.6	1.3	-2.4	-3.6	-1.4	1.7	1.7	-1.9	-3.1	-2.6	-.9	-.2	1.5	2.5	3.3	8.1	8.3	11.3	24	11.3	
20	6.6	4.0	10.3	8.6	6.4	5.9	12.2	15.1	6.9	4.2	.1	-2.9	.3	.7	-2.2	-1.7	3.7	3.0	2.0	4.7	6.4	10.5	13.2	14.9	24	15.1	
21	12.5	15.6	13.7	13.9	13.0	15.2	12.0	6.9	7.1	7.6	5.4	1.0	.2	2.0	1.0	1.2	3.0	5.9	6.4	6.9	9.6	7.4	7.1	9.1	24	15.6	
22	6.9	6.9	10.3	10.0	13.3	8.6	5.9	6.2	4.2	4.2	4.2	1.8	-.6	-1.6	.1	3.0	4.0	3.7	5.5	5.5	5.9	7.9	7.6	6.7	24	13.3	
23	5.5	4.5	3.3	3.3	4.7	7.1	10.1	14.2	12.0	6.7	3.5	2.5	4.0	3.5	1.8	6.9	4.3	2.5	5.2	4.7	6.7	16.6	13.2	16.6	24	16.6	
24	20.3	11.8	10.6	16.6	16.6	11.3	9.3	6.4	8.6	7.2	7.1	8.6	4.2	3.7	3.0	1.8	2.0	3.3	6.2	7.9	13.0	25.9	18.1	19.0	24	25.9	
25	21.7	21.5	22.7	22.5	25.0	19.5	18.3	21.8	19.0	19.8	15.6	11.8	8.1	7.9	6.4	5.7	7.1	12.5	16.6	23.7	25.9	26.3	19.5	25.2	24	26.3	
26	28.3	27.5	23.4	17.8	20.0	12.7	14.4	14.2	12.0	14.7	8.1	3.7	6.1	5.7	4.0	6.2	4.7	5.2	17.1	14.7	12.5	13.3	12.5	11.8	24	28.3	
27	11.5	11.3	10.8	13.9	20.8	10.8	16.4	14.9	11.3	9.6	7.4	6.1	4.0	2.0	1.2	2.7	3.5	4.0	8.6	18.0	44.4	22.5	18.8	28.5	24	44.4	
28	32.0	24.0	17.6	24.9	18.5	14.4	10.8	16.4	8.3	7.1	6.6	5.2	5.7	5.9	6.9	3.7	7.1	9.3	18.5	16.8	19.3	13.9	25.2	19.0	24	32.0	
29	18.5	12.3	26.4	25.4	24.2	15.4	16.6	14.4	13.0	14.9	9.5	7.6	7.9	5.4	7.6	9.8	7.9	18.3	17.6	15.6	14.7	14.7	9.3	7.6	24	26.4	
30	9.6	11.0	7.4	5.2	5.2	6.2	4.2	3.0	-.2	-2.1	.3	.3	.1	.5	-.7	-.2	1.7	.5	-1.2	-.2	-.7	-1.1	2.0	1.7	24	11.0	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	28	27	27	29	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	32.0	27.5	26.4	25.4	25.0	20.5	18.3	21.8	19.0	19.8	18.1	21.2	19.8	18.1	13.3	19.3	14.9	18.3	18.5	23.7	44.4	26.3	25.2	28.5			
AVG:	11.74	10.93	10.82	11.00	10.93	9.59	9.86	9.96	8.51	7.83	6.30	5.24	4.40	4.02	3.71	4.71	4.57	5.87	8.15	8.25	10.03	10.92	10.16	11.25			

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: 8.31 MONTHLY MAX: 44.4

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-035-0004 POC: 3
 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 Environmental Quality

MONITOR TYPE: Multiple Monitor Types

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2015

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	4.0	4.2	2.8	2.3	5.0	6.2	7.9	7.8	7.6	11.8	15.6	11.7	16.1	8.0	7.8	4.4	1.2	2.0	2.0	4.5	4.9	4.7	4.5	3.5	24	16.1	
2	4.7	4.5	4.2	3.5	3.5	2.0	-2	1.8	3.7	1.5	.1	3.2	1.0	-7	1.5	4.7	4.9	5.0	7.4	4.7	1.7	1.8	2.7	2.2	24	7.4	
3	1.0	.5	2.2	7.3	5.4	2.5	3.7	4.0	4.0	3.7	4.5	.8	-2	2.7	4.2	5.0	5.4	7.8	14.7	11.5	9.5	13.2	12.5	17.8	24	17.8	
4	18.8	14.4	12.0	10.8	8.3	17.1	11.5	8.1	8.3	5.7	3.0	3.5	3.3	AX	BA	7.3	5.2	8.8	7.6	19.3	21.0	20.5	21.7	20.3	22	21.7	
5	23.0	21.5	20.8	18.8	12.0	10.6	15.9	13.4	9.8	10.6	7.4	5.7	3.3	1.3	5.7	6.2	5.7	6.4	13.3	14.7	21.0	24.5	25.4	21.3	24	25.4	
6	19.5	23.2	15.9	13.9	11.8	14.7	10.8	8.9	6.7	5.7	4.2	13.4	8.1	7.1	4.7	1.7	5.0	5.5	6.9	20.7	21.7	21.3	19.0	22.0	24	23.2	
7	21.3	14.9	22.7	19.5	9.6	10.3	8.6	12.8	9.8	8.6	7.1	7.1	5.4	5.2	7.1	BA	BA	10.3	11.0	6.4	8.3	8.8	12.0	14.9	22	22.7	
8	14.9	22.5	14.2	16.1	20.0	21.5	13.4	14.4	18.8	13.9	11.3	10.5	9.0	8.6	6.9	9.0	10.0	10.5	15.1	8.8	14.9	25.4	25.2	24.4	24	25.4	
9	24.5	13.4	18.8	24.4	23.7	19.3	15.4	17.1	17.6	17.6	17.1	18.3	18.3	12.7	13.2	13.5	13.5	13.9	14.2	15.4	17.8	23.7	13.5	12.0	24	24.5	
10	14.9	25.2	26.1	22.7	19.5	25.6	23.0	24.2	27.3	18.1	12.8	13.9	13.7	12.3	12.5	12.3	15.1	19.8	20.3	16.1	16.1	18.5	19.0	13.5	24	27.3	
11	19.5	16.4	21.0	17.6	19.0	24.4	22.5	26.1	28.8	22.5	16.1	11.5	10.0	16.4	15.4	15.6	17.1	16.4	24.4	19.8	24.5	24.9	23.5	27.6	24	28.8	
12	19.3	17.1	15.2	13.0	8.6	12.5	9.1	13.5	12.3	7.4	9.3	8.8	9.6	11.3	12.5	13.7	11.3	14.7	19.0	15.9	18.8	17.3	21.0	23.5	24	23.5	
13	21.0	13.7	17.1	15.7	9.8	13.9	9.3	10.8	14.9	14.7	11.8	19.0	12.0	8.1	8.1	5.7	4.7	7.1	14.0	14.4	14.9	19.3	25.2	21.2	24	25.2	
14	14.0	12.5	12.3	9.8	7.4	5.0	4.7	2.3	-2.1	.1	.8	-4	-1.2	-1.9	-4	2.5	1.8	1.7	.6	.1	.8	2.0	2.3	1.3	24	14.0	
15	3.2	5.2	4.2	3.0	1.7	14.1	14.7	8.8	8.6	4.7	3.2	2.9	1.4	2.0	2.7	3.0	1.0	3.4	4.7	19.5	14.9	14.6	13.6	12.5	24	19.5	
16	13.9	15.1	15.6	11.5	14.6	12.0	15.6	10.5	18.5	10.0	6.4	5.4	5.7	3.9	7.1	6.3	12.2	11.5	8.5	13.5	12.0	12.0	13.0	9.8	24	18.5	
17	11.3	10.8	9.5	9.5	10.3	15.6	16.1	13.5	9.8	10.3	6.4	3.5	11.0	9.3	5.7	3.3	10.3	13.2	10.0	16.6	12.0	8.8	8.8	10.5	24	16.6	
18	6.4	4.5	5.0	9.3	7.3	4.7	6.4	5.2	4.2	1.8	3.2	5.0	2.2	3.0	4.5	5.4	2.2	2.0	6.9	6.9	4.2	3.3	5.2	3.2	24	9.3	
19	4.0	4.7	5.9	5.9	5.4	6.6	7.1	7.1	6.9	6.9	2.5	.2	1.7	.5	1.5	2.8	2.0	3.5	5.0	7.4	12.3	7.8	11.0	14.9	24	14.9	
20	20.8	18.0	17.3	21.2	18.0	22.7	17.1	20.2	19.7	13.6	8.8	5.2	2.8	6.7	5.2	3.3	3.3	7.9	10.3	13.4	11.8	27.8	20.8	25.9	24	27.8	
21	20.8	26.6	25.4	23.5	24.9	23.0	23.5	17.8	15.7	20.5	15.0	11.3	11.3	10.3	9.1	7.1	15.9	19.3	21.5	18.3	20.7	22.8	23.0	17.8	24	26.6	
22	21.0	17.3	16.4	17.6	18.5	15.4	18.3	13.9	14.7	15.9	20.3	8.6	9.8	11.8	10.6	8.9	18.3	13.3	11.6	10.8	10.3	12.5	8.9	5.5	24	21.0	
23	4.8	3.0	1.8	-6	4.8	4.5	3.0	4.0	4.0	3.0	3.3	3.3	2.0	6.0	4.3	.9	4.7	5.7	3.8	4.5	3.5	2.0	.4	1.8	24	6.0	
24	2.3	-1.6	-2.6	-9	-1.1	-1.2	-2.4	-2.9	-1.7	.3	1.5	.8	.6	3.5	2.7	1.1	1.7	1.7	6.4	6.1	4.9	2.5	2.0	4.7	24	6.4	
25	3.9	1.5	-2	1.7	.5	-1.7	-4	-5	1.2	2.2	-9	-2.4	-2	6.4	5.9	6.4	3.9	2.5	4.2	2.7	1.5	13.7	7.5	.1	24	13.7	
26	-2.4	-4	.3	2.7	1.5	-1.2	.3	1.3	2.0	2.2	1.5	3.7	2.7	3.9	3.9	4.4	7.3	5.4	5.2	4.7	4.9	3.4	7.1	10.2	24	10.2	
27	6.1	1.0	-1.2	-5	-1.7	-2	1.9	-2	.8	1.7	1.1	1.7	.3	-1.5	-2	5.2	5.8	4.7	1.7	-5	2.0	1.5	-5	-2.4	24	6.1	
28	-2.7	.3	2.2	1.5	1.7	2.7	.3	4.9	3.9	2.2	1.3	-1.2	.8	3.7	3.9	2.2	3.0	2.0	.3	2.7	1.0	4.9	4.7	.3	24	4.9	
29	-1.7	-2.2	.5	3.7	1.5	1.7	1.2	-1.0	.7	.3	-1.2	6.6	6.8	5.4	4.9	3.4	4.9	5.9	10.2	8.0	6.4	14.6	8.6	8.3	24	14.6	
30	15.4	12.0	13.2	13.7	12.2	18.0	19.7	12.2	12.5	15.6	12.0	10.0	10.3	9.5	8.5	8.5	12.7	7.5	8.0	5.6	10.5	11.0	6.8	4.9	24	19.7	
31	4.2	2.7	1.2	3.2	3.9	4.7	9.0	12.7	7.1	3.9	2.4	2.9	3.4	2.9	3.4	3.2	1.2	1.9	3.2	3.2	10.7	6.8	3.4	3.9	24	12.7	
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	30	30	30	30	31	31	31	31	31	31	31	31		
MAX:	24.5	26.6	26.1	24.4	24.9	25.6	23.5	26.1	28.8	22.5	20.3	19.0	18.3	16.4	15.4	15.6	18.3	19.8	24.4	20.7	24.5	27.8	25.4	27.6			
AVG:	11.35	10.40	10.32	10.37	9.28	10.55	9.90	9.44	9.55	8.29	6.71	6.27	5.84	5.95	6.10	5.90	7.04	7.78	9.42	10.18	10.95	12.77	11.99	11.53			

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 9.09 MONTHLY MAX: 28.8

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

May. 30, 2018

(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 Environmental Quality

MONITOR TYPE: SLAMS

REPORT FOR: 2015

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 Environmental Quality

MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			8.8									
2												
3									AN	4.2	3.0	4.7
4								7.3				
5		5.6 V				3.4	10.7					
6	5.5			6.5	7.7	9.0						
7			9.0 V									
8											5.2	6.6
9									AN	11.2		
10								8.0				
11		6.0				AI	12.7					
12	5.7			7.0	13.8				9.6			
13			4.9								6.2	3.0
14									8.6	6.6 X		
15								12.0				
16												
17		10.7				AI	8.9					
18	7.7			8.1	8.0							
19			10.6								4.2	8.8
20												
21									8.6	9.3 X		
22								9.5				
23		15.5				AI	12.1					
24	2.9			11.5	9.1							
25			6.3									
26						14.2					5.4	6.1
27									2.6	4.5		
28								9.2				
29						8.6	6.3					
30	5.7			5.1	AN							
31			9.8 V									
NO.:	5	4	6	5	4	4	5	5	4	5	5	5
MAX:	7.7	15.5	10.6	11.5	13.8	14.2	12.7	12.0	9.6	11.2	6.2	8.8
MEAN:	5.50	9.45	8.23	7.64	9.65	8.80	10.14	9.20	7.35	7.16	4.80	5.84
ANNUAL OBSERVATIONS:		57		ANNUAL MEAN:	7.75	ANNUAL MAX:	15.5					

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-051-0009 POC: 3
 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 Environmental Quality

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2015

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	
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24																											0	
25																											0	
26																											0	
27																											0	
28																											0	
29																											0	
30													BC	BC	14.0	9.0	15.0	-2.0	4.0	5.0	3.0	2.0	2.0	3.0	10	15.0		
31	2.0	2.0	1.0	2.0	5.0	4.0	2.0	2.0	3.0	8.0	3.0	1.0	7.0	7.0	5.0	8.0	-1.0	3.0	.0	1.0	3.0	4.0	3.0	3.0	24	8.0		
NO.:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2			
MAX:	2.0	2.0	1.0	2.0	5.0	4.0	2.0	2.0	3.0	8.0	3.0	1.0	7.0	7.0	14.0	9.0	15.0	3.0	4.0	5.0	3.0	4.0	3.0	3.0				
AVG:	2.00	2.00	1.00	2.00	5.00	4.00	2.00	2.00	3.00	8.00	3.00	1.00	7.00	7.00	9.50	8.50	7.00	.50	2.00	3.00	3.00	3.00	2.50	3.00				

MONTHLY OBSERVATIONS: 34 MONTHLY MEAN: 3.91 MONTHLY MAX: 15.0

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2015

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			18.0					7.0				
2		4.2				4.6	17.0				5.3 V	4.9
3	AR			7.8	10.9				14.3	.7 V		
4			6.6					10.2	AN			
5		6.7 V				4.8	10.7				7.4	16.0
6	AR			8.5	AJ				AN	6.2		
7			12.7					7.1				
8		9.8 V				10.2	17.1				4.5	11.1
9	AR			12.9	6.9				AN	10.3		
10			12.3					9.1	6.1			
11		10.8				9.6 V	11.1				6.3	14.5
12	AR			7.7	12.5				6.9	AN		
13			4.8					8.7	2.5			
14		8.1 V				12.2	5.4		AL	6.3	5.0	3.3
15	AL			3.3 V	13.0				8.0	5.1		
16	9.7		5.2					11.7				
17	12.2 V	12.5 V				8.3 V	10.0				13.4	7.7
18	9.0 V			8.2	12.7				10.0	5.0		
19	4.1 V		9.4					5.5				
20		AG				9.3	11.2				5.2	11.4
21	11.4 V			5.5	8.9				5.7	11.6		
22			12.7 V					11.0				
23		9.8				17.4	14.7	12.0			5.2	2.3 V
24	3.7			4.6	8.2				5.5	11.9		
25			9.9					9.0				
26		12.7				14.6	15.8				9.1	5.2
27	5.3			5.9	6.9				2.3 V	3.0		
28			4.1					AJ				
29						6.8	9.7				16.5	AM
30	5.6			10.7	9.4				3.6	6.0		
31			7.0					6.3				
NO.:	8	8	11	10	9	10	10	11	10	10	10	9
MAX:	12.2	12.7	18.0	12.9	13.0	17.4	17.1	12.0	14.3	11.9	16.5	16.0
MEAN:	7.63	9.33	9.34	7.51	9.93	9.78	12.27	8.87	6.49	6.61	7.79	8.49
ANNUAL OBSERVATIONS:		116		ANNUAL MEAN:	8.67	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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-057-0002 POC: 3
 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:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2015

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	42.3	36.0	33.5	35.0	33.8	33.5	28.8	23.7	26.1	30.3	14.7	16.9	10.0	6.6	6.4	8.8	9.1	7.8	10.3	20.0	12.0	14.4	11.5	12.5	24	42.3									
2	10.5	13.2	17.3	15.0	21.5	23.7	16.9	16.8	18.8	15.6	11.7	10.5	9.3	8.3	6.6	7.4	11.7	9.6	17.1	13.2	16.6	19.3	14.4	20.3	24	23.7									
3	15.4	16.4	21.7	20.3	19.8	20.2	16.6	20.3	18.1	20.5	14.2	15.0	14.2	13.5	11.7	14.0	12.0	8.3	15.2	10.5	10.5	10.3	9.5	7.4	24	21.7									
4	8.8	8.3	8.3	7.6	7.1	3.9	3.4	3.9	9.0	9.3	7.6	5.6	5.6	5.7	5.6	3.9	3.4	6	5.4	6	3.9	6	6.9	6.1	6.1	24	9.3								
5	3.4	4.4	7.8	6.4	4.2	4.7	5.2	8.0	6.6	5.4	5.2	5.4	3.7	2.4	10.5	9.0	7.6	7.8	7.8	10.8	12.2	8.6	6.8	9.3	24	12.2									
6	10.8	13.5	12.0	12.7	14.4	9.3	18.1	9.5	15.4	15.8	6	16.6	15.1	10.3	7.6	6.6	5.1	8.8	8.1	6.1	8.0	5.9	5.4	15.4	17.6	24	18.1								
7	13.4	12.0	11.5	13.5	12.2	15.6	12.2	13.2	10.3	8.8	7.8	6.9	7.6	4.7	AX	BA	BA	1.1	.8	2.7	6.6	7.8	8.1	5.4	21	15.6									
8	6.9	6.8	3.7	3.2	7.8	8.5	6.6	7.3	7.8	4.9	2.0	4.9	3.4	3.4	5.2	3.9	5.2	5.2	7.8	7.4	8.3	8.6	8.1	13.0	24	13.0									
9	7.6	4.9	7.1	8.3	10.8	7.6	15.9	8.1	9.5	8.8	8.3	8.1	6.4	4.7	9.1	8.6	8.3	8.8	17.1	9.1	7.8	8.1	10.0	10.5	24	17.1									
10	8.8	7.4	13.7	10.6	8.1	10.0	7.4	7.6	6.6	5.7	4.9	4.7	2.7	3.7	5.7	4.4	6.1	7.1	6.9	20.3	34.3	19.6	20.0	25.4	24	34.3									
11	27.2	30.8	33.0	26.4	38.7	37.7	40.2	45.8	35.8	34.5	18.6	16.4	10.1	9.6	10.8	9.3	7.8	10.3	14.5	9.6	12.7	12.5	9.8	11.5	24	45.8									
12	18.8	21.3	16.4	16.6	15.9	14.5	13.5	13.3	18.4	18.6	17.1	21.3	20.1	20.3	17.6	18.6	12.8	12.5	16.9	17.7	23.7	16.9	23.0	15.5	24	23.7									
13	24.7	18.6	15.9	12.8	8.8	7.1	6.2	4.5	9.8	8.6	12.0	10.3	12.5	10.3	12.7	17.9	16.1	13.7	13.0	12.5	13.0	11.0	9.1	10.0	24	24.7									
14	11.5	10.3	5.9	2.5	3.7	8.3	7.1	9.1	8.8	5.7	5.9	8.1	10.3	8.3	5.4	9.1	6.4	6.9	9.3	16.6	20.0	42.6	27.9	28.6	24	42.6									
15	21.5	20.8	22.7	30.1	25.9	27.9	27.9	24.7	24.7	24.2	18.8	22.2	26.4	20.7	17.6	17.9	21.5	23.7	22.0	23.9	24.2	22.5	24.4	25.6	24	30.1									
16	19.1	22.7	20.5	17.9	15.0	15.2	18.3	21.7	22.5	13.2	9.3	5.2	1.6	2.7	2.7	3.9	3.5	4.7	6.6	8.1	12.3	8.8	11.3	11.8	24	22.7									
17	16.1	17.4	13.0	16.9	13.0	14.0	23.2	17.1	23.5	11.0	8.6	7.4	9.1	7.6	8.3	7.6	6.2	6.9	7.8	10.1	15.0	11.3	14.2	11.8	24	23.5									
18	13.5	10.5	15.9	11.7	15.4	13.7	16.1	15.0	17.9	13.7	13.0	12.0	10.5	6	6.4	6	4.2	4.4	5.7	4.2	6.6	4.4	5.7	6.2	7.9	24	17.9								
19	7.6	8.6	11.3	8.1	9.3	8.1	5.4	2.5	7.4	9.6	6.9	6	3.0	6	2.7	6	3.5	6	3.2	6	1.5	6	5.7	6	4.2	5.2	6.6	9.8	9.5	24	11.3				
20	7.4	10.3	10.5	13.5	10.3	13.5	14.5	21.7	24.4	12.2	9.5	6	7.1	6	5.7	6	6.2	6	5.9	6	3.7	6	5.4	6	6.4	6	7.1	6	14.2	11.8	13.7	15.2	13.0	24	24.4
21	14.7	18.4	16.1	17.6	6.2	9.1	7.6	10.5	11.0	12.8	10.5	8.3	6	6.9	6	11.1	6	10.3	6	11.5	6	10.5	6	12.5	6	19.6	17.1	18.9	13.7	19.8	28.8	24	28.8		
22	22.0	29.3	20.3	24.0	23.5	24.9	26.9	34.1	27.7	22.3	25.2	22.1	6	4.7	6	6.7	6	5.9	6	5.9	6	7.1	6	6.4	6.6	16.9	11.8	9.1	8.3	14.2	24	34.1			
23	10.3	9.1	9.8	7.1	13.0	10.8	8.6	16.4	11.5	13.7	14.0	12.2	14.0	13.5	10.8	10.3	6.9	5.9	5.9	7.3	5.4	6.6	4.0	4.7	24	16.4									
24	4.2	4.0	2.3	.0	.0	2.5	3.2	8.1	6.4	4.7	3.5	3.7	4.0	2.5	1.9	2.1	5.9	8.3	8.8	9.8	7.4	4.9	5.4	6.6	24	9.8									
25	8.3	10.1	11.3	12.7	10.8	15.6	12.5	19.3	15.4	6.6	7.4	4.5	2.7	4.0	4.2	5.2	3.7	2.3	5.4	4.9	2.7	6.9	11.5	7.8	24	19.3									
26	7.4	6.2	8.8	8.6	10.8	13.7	11.5	12.3	11.8	13.5	13.0	11.0	6.1	5.4	7.9	8.6	10.3	6.1	7.6	7.1	6.4	4.4	4.7	5.7	24	13.7									
27	6.1	5.0	6.9	9.8	9.3	9.3	9.1	12.0	9.8	8.3	11.0	6.9	6.4	5.2	4.2	4.4	3.7	5.4	5.4	7.1	7.6	8.6	6.6	3.7	24	12.0									
28	4.2	5.9	7.1	10.5	11.0	11.5	10.6	11.3	10.0	9.5	5.9	5.9	6.4	5.9	5.4	6.1	7.1	8.6	9.8	16.6	20.3	24.7	24.2	19.1	24	24.7									
29	19.8	16.9	23.0	24.9	27.7	28.2	24.4	30.3	36.5	19.6	14.7	9.1	8.3	6.1	7.6	6.6	8.1	8.1	15.2	13.2	20.0	20.5	14.2	17.6	24	36.5									
30	18.6	18.9	26.2	25.9	13.7	9.3	4.7	2.2	.3	3.9	5.4	5.2	3.7	3.5	2.7	4.9	4.9	3.2	3.5	3.4	4.2	6.9	6.9	5.7	24	26.2									
31	6.9	9.1	9.3	10.3	17.4	7.8	10.1	14.7	12.3	9.1	8.8	6.4	1.6	3.2	3.7	4.7	6.1	4.7	6.6	16.1	12.5	17.1	12.7	15.9	24	17.4									
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	31	30	30	30	31	31	31	31	31	31	31	31										
MAX:	42.3	36.0	33.5	35.0	38.7	37.7	40.2	45.8	36.5	34.5	25.2	22.2	26.4	20.7	17.6	18.6	21.5	23.7	22.0	23.9	34.3	42.6	27.9	28.8											
AVG:	13.48	13.78	14.28	14.21	14.16	14.18	13.96	15.00	15.29	12.92	10.71	9.72	7.97	7.15	7.37	7.69	7.74	7.65	9.45	11.16	12.20	12.39	12.23	12.98											

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: 11.59 MONTHLY MAX: 45.8

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-057-0002 POC: 3
 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:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2015

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	17.4	16.9	19.1	17.6	15.6	16.1	16.6	14.5	16.6	16.1	18.6	11.3	8.1	10.1	8.6	6.6	9.6	7.8	4.7	4.4	4.2	4.2	6.9	6.4	24	19.1		
2	3.7	5.7	5.7	3.7	.9	2.1	3.3	1.8	2.3	2.3	6.6	6.2	3.5	6.9	4.7	4.0	5.9	9.6	11.8	8.1	8.3	10.1	7.4	9.1	24	11.8		
3	8.1	7.4	9.3	11.3	10.8	7.1	9.1	11.3	9.1	6.9	7.6	7.8	7.6	AX	BA	BA	7.4	7.6	8.1	23.9	17.6	17.4	14.7	17.1	21	23.9		
4	17.1	17.6	15.0	16.4	17.6	15.1	18.9	21.7	21.5	14.7	15.9	12.5	9.3	10.8	9.6	8.3	8.3	10.3	9.5	13.5	11.1	9.3	8.3	10.3	24	21.7		
5	15.9	12.7	16.6	14.2	15.4	16.6	15.4	15.4	11.3	10.3	8.1	4.4	2.7	4.7	4.7	3.7	4.9	6.1	5.7	3.4	2.5	4.4	8.8	10.1	24	16.6		
6	6.6	6.1	7.6	8.8	16.6	26.2	12.2	30.1	34.8	11.3	15.4	7.1	8.1	5.7	10.8	16.1	9.8	9.3	7.1	14.5	14.2	12.7	19.3	18.6	24	34.8		
7	14.9	23.2	23.4	26.7	20.5	25.9	25.9	29.6	33.6	22.3	14.0	15.2	12.3	9.6	7.6	8.8	9.6	9.1	16.4	14.7	20.5	19.3	16.2	19.6	24	33.6		
8	20.5	21.3	18.1	14.7	13.8	17.4	13.5	14.5	14.2	16.4	12.8	10.3	7.4	5.0	5.5	6	4.7	6	4.2	6	6.2	6	6.9	6	5.9	24	21.3	
9	16.9	18.4	13.0	11.5	12.8	9.6	13.5	11.3	11.3	14.2	16.9	15.4	6	16.1	6	16.7	15.0	17.6	16.2	14.7	18.4	15.9	22.8	15.9	14.0	24	22.8	
10	9.8	8.3	10.3	9.3	8.1	7.9	6.9	6.7	7.9	6.2	9.8	8.4	11.1	8.8	5.0	6.9	7.9	8.6	8.1	9.6	10.1	9.3	13.7	10.8	24	13.7		
11	8.9	9.6	11.6	15.2	13.3	8.6	18.9	17.9	15.9	14.0	13.0	10.8	6.9	7.1	6	9.6	7	10.1	7.1	6.1	10.3	14.2	15.4	15.2	15.9	24	18.9	
12	13.2	29.1	20.1	16.9	15.0	22.7	29.6	31.6	28.4	19.6	15.9	6	11.0	6	12.5	11.0	8.3	11.3	6	7.1	5.4	7.6	7.4	8.6	6.6	8.1	24	31.6
13	1.6	3.2	4.4	6.9	5.7	7.1	5.9	4.7	5.9	4.2	4.4	4.2	2.7	2.3	3.9	2.5	4.2	4.9	11.5	9.8	10.3	8.8	10.8	13.5	24	13.5		
14	19.8	13.0	9.6	13.7	13.2	11.3	10.8	12.8	12.5	15.2	12.0	11.0	7.4	5.4	9.1	7.6	5.9	5.9	5.2	6.9	7.6	8.3	5.9	6.2	24	19.8		
15	7.6	7.1	5.4	4.9	4.2	2.2	2.2	2.0	3.7	5.5	5.9	4.0	1.8	3.5	2.7	2.5	6.4	8.8	6.2	6.1	8.1	6.4	4.7	4.2	24	8.8		
16	7.4	5.2	4.0	3.5	6.9	5.4	8.6	6.6	5.2	6.9	5.9	8.7	9.1	6	6.2	7.6	7.1	6.9	6.9	7.4	13.2	12.7	11.5	13.7	12.5	24	13.7	
17	10.8	6.9	9.8	8.3	7.1	7.9	8.8	8.8	10.1	10.8	12.5	12.5	11.8	13.3	10.8	9.8	11.3	15.7	18.9	23.5	21.3	30.1	25.9	35.0	24	35.0		
18	19.1	14.7	16.1	10.1	14.5	15.4	17.6	19.4	22.3	11.3	11.5	12.8	19.3	20.0	13.7	12.8	14.0	9.1	5.9	4.7	3.9	4.7	6.2	6.6	24	22.3		
19	4.5	5.4	9.1	5.2	10.8	7.6	7.1	6.9	6	8.3	9.1	7.1	6.9	AZ	BA	BA	4.7	5.0	8.8	11.0	8.9	9.1	8.8	11.5	10.5	21	11.5	
20	13.2	13.2	10.1	13.2	13.5	6	12.8	17.4	17.6	12.8	12.3	15.7	6.9	4.9	7.9	5.4	7.1	11.3	9.8	14.7	15.2	22.5	12.3	16.4	12.5	24	22.5	
21	13.3	10.3	14.2	11.5	12.3	8.6	11.8	10.8	9.8	12.5	10.6	9.1	14.7	11.8	16.1	20.1	19.1	17.9	22.5	29.8	25.9	25.2	22.0	23.5	24	29.8		
22	33.3	26.7	23.5	25.2	25.9	26.4	30.6	28.9	30.8	32.8	37.3	34.6	24.9	22.3	23.5	24.7	20.8	19.4	24.2	23.2	28.2	26.7	27.7	22.5	24	37.3		
23	15.9	8.9	6.7	5.5	5.9	6.9	6.4	9.1	15.0	9.1	16.1	16.6	9.1	9.6	12.5	15.7	15.2	18.6	11.3	17.9	11.5	8.8	11.3	7.1	24	18.6		
24	8.1	9.1	9.1	13.7	13.3	16.6	13.0	10.3	16.4	10.3	10.0	9.8	14.7	10.6	11.8	10.3	13.8	14.2	16.1	15.4	18.1	11.0	17.1	17.9	24	18.1		
25	21.3	20.0	22.3	18.9	21.5	23.2	25.7	30.8	32.3	17.9	10.0	9.1	6.1	6.4	8.1	9.3	12.2	13.0	11.3	13.7	15.4	20.3	14.2	10.3	24	32.3		
26	12.8	8.8	6.9	AV	AV	AV	5.7	6.4	9.3	7.4	7.4	9.3	11.5	12.7	10.1	13.2	12.5	12.8	18.4	30.8	31.1	32.3	25.4	22.5	21	32.3		
27	21.3	27.2	31.3	29.1	29.8	32.3	31.6	36.7	38.0	27.9	19.1	21.3	15.9	12.8	18.4	12.3	13.0	18.4	20.5	27.4	21.8	15.6	8.6	8.3	24	38.0		
28	8.1	9.3	8.6	9.3	8.8	6.9	7.1	14.5	9.6	17.4	17.8	16.6	17.4	16.6	16.9	16.4	15.2	14.2	21.0	14.0	14.0	21.0	25.9	24.0	24	25.9		
29																										0		
30																										0		
31																										0		
NO.:	28	28	28	27	27	27	28	28	28	28	28	28	27	26	26	27	28	28	28	28	28	28	28	28	28	24		
MAX:	33.3	29.1	31.3	29.1	29.8	32.3	31.6	36.7	38.0	32.8	37.3	34.6	24.9	22.3	23.5	24.7	20.8	19.4	24.2	30.8	31.1	32.3	27.7	35.0	24			
AVG:	13.25	13.05	12.89	12.79	13.10	13.55	14.08	15.45	16.03	13.03	12.78	11.21	10.26	9.92	10.00	10.16	10.14	10.61	12.14	14.18	14.38	13.95	14.11	14.00	24			

MONTHLY OBSERVATIONS: 663 MONTHLY MEAN: 12.73 MONTHLY MAX: 38.0

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-057-0002 POC: 3
 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:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2015

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	25.2	19.6	18.4	18.4	12.0	17.4	14.7	11.5	14.7	15.2	12.5	10.8	11.5	17.9	20.8	18.9	22.8	25.2	27.2	26.7	26.2	27.5	28.6	23.2	24	28.6									
2	16.7	14.0	14.5	14.0	10.3	12.5	10.8	12.3	11.8	16.4	13.5	10.1	4.8	6.6	1.2	5.0	4.7	3.7	4.9	8.6	8.4	5.2	7.9	7.1	24	16.7									
3	9.6	8.8	7.4	5.7	12.3	11.3	11.1	10.5	13.0	12.3	11.3	9.8	12.5	10.8	8.8	8.8	9.6	13.3	15.5	12.5	20.8	17.4	18.1	17.1	24	20.8									
4	18.1	15.9	18.4	17.9	12.8	9.8	9.1	7.4	8.3	6.9	3.7	4.5	6.2	6.6	10.8	9.3	6.2	3.7	3.7	5.0	5.9	6.9	6.9	9.8	8.4	24	18.4								
5	9.6	7.4	11.3	9.3	10.1	8.6	11.8	13.0	8.6	5.4	4.0	2.6	5.0	6.4	3.9	1.8	2.3	2.5	5.4	3.9	4.2	7.4	9.1	6.9	24	13.0									
6	7.9	8.6	10.8	8.6	9.6	8.6	8.1	9.5	8.1	8.6	6.6	8.8	9.8	8.6	5.9	8.9	6.9	8.6	9.5	15.6	24.4	20.3	26.7	22.3	24	26.7									
7	24.9	24.9	27.7	26.2	23.2	31.6	23.7	31.3	21.0	20.0	13.0	10.3	7.4	4.7	5.2	6.4	5.4	5.4	7.1	6.4	10.5	12.2	10.5	10.1	24	31.6									
8	12.3	16.4	23.2	15.6	18.6	20.1	26.9	15.4	13.7	10.1	6.2	4.5	5.0	4.2	4.9	5.2	6.1	4.7	3.2	4.4	9.1	15.9	14.2	14.7	24	26.9									
9	11.8	14.2	23.5	19.3	24.4	8.6	15.5	18.4	18.1	12.0	8.6	8.1	6.7	10.3	7.4	8.1	6.7	8.6	6.7	10.3	15.5	15.7	22.3	15.7	24	24.4									
10	21.5	18.4	19.3	16.9	16.9	16.7	20.3	19.8	23.0	20.8	20.1	15.2	10.6	12.3	7.9	10.8	7.6	5.7	7.4	9.6	11.8	13.0	11.3	17.2	24	23.0									
11	11.8	11.3	6	17.2	15.4	14.3	13.3	15.9	11.1	15.5	14.0	13.5	12.5	6	8.9	5.2	2.5	4.2	3.5	6	5.9	6.6	9.6	7.4	6	24	17.2								
12	5.2	7.4	7.4	5.9	8.3	11.0	10.8	11.5	12.3	11.3	6	12.0	8.1	9.1	6	AX	AT	BA	BA	3.3	7.1	6.1	6.4	8.3	7.6	6.1	20	12.3							
13	5.4	13.2	7.6	6.6	9.5	8.3	6.4	4.7	7.8	6.6	6.1	4.7	3.9	5.4	5.2	3.0	7.8	5.9	5.6	7.3	8.6	6.4	4.9	10.8	24	13.2									
14	11.5	8.1	6.9	9.1	9.1	10.8	10.3	8.6	7.4	8.3	9.6	10.0	8.6	7.1	7.1	6.9	9.6	8.3	5.7	5.4	10.0	9.5	11.5	12.0	24	12.0									
15	12.0	9.3	9.6	5.7	5.7	6.2	7.4	9.6	6.9	3.9	3.5	4.9	6	3.7	4.7	3.2	3.6	3.7	3.0	6	5.2	6.4	6.2	4.7	5.7	5.2	24	12.0							
16	10.8	7.1	8.3	11.3	10.8	9.5	7.6	17.1	12.0	13.5	8.6	6	3.7	6	-3.6	-8.6	1.4	1.6	1.8	6	1.3	6	6.2	10.3	6.9	8.1	24	17.1							
17	10.5	9.6	8.8	9.6	10.0	15.4	19.1	10.5	9.1	9.6	6	5.7	5.2	6.1	6.4	8.6	10.8	7.6	11.8	10.8	9.6	9.6	8.6	9.8	7.4	24	19.1								
18	5.2	7.4	4.9	5.2	7.4	5.4	6.9	5.7	5.4	10.3	4.9	3.0	3.2	3.7	4.0	2.3	2.5	6.6	7.6	9.3	15.0	9.1	15.7	9.3	24	15.7									
19	15.7	11.3	13.7	16.5	14.2	11.7	17.9	15.9	7.6	8.6	7.1	9.1	9.3	10.3	7.8	6	13.2	14.7	6	12.5	16.0	12.7	9.6	8.1	10.1	6	24	17.9							
20	8.8	6.9	7.1	5.0	3.7	4.7	3.7	4.9	9.8	6.6	5.2	6	7.8	8.3	7.1	6.4	8.6	8.1	5.9	8.8	15.2	16.7	17.6	11.3	20.3	24	20.3								
21	23.7	19.6	19.8	24.7	21.0	23.2	19.3	35.8	25.9	19.3	6	6.4	7.9	5.7	6	8.8	7.4	7.8	6.4	5.7	7.8	9.8	13.2	13.5	21.2	21.0	24	35.8							
22	20.0	20.3	22.8	16.9	20.1	24.2	14.5	17.4	17.9	9.8	15.0	11.5	9.1	9.6	11.0	10.5	11.3	10.1	14.2	10.8	10.8	16.1	14.2	15.2	24	24.2									
23	14.8	11.5	14.2	13.7	19.1	15.2	19.3	8.6	11.5	6	12.5	8.8	10.3	12.0	13.3	9.1	8.8	11.5	9.1	8.8	11.5	12.5	12.5	9.1	6.9	24	19.3								
24	9.6	8.6	11.0	10.3	9.8	8.3	11.7	9.6	8.1	9.3	6.6	6	7.8	8.8	10.0	9.1	7.4	10.8	11.0	12.3	11.3	10.5	14.7	21.2	14.5	24	21.2								
25	13.5	14.2	12.7	11.8	11.8	11.5	13.0	11.5	9.1	6	10.3	14.7	14.2	11.5	9.6	16.4	12.7	15.2	10.8	10.8	18.4	18.4	16.9	19.3	16.9	24	19.3								
26	17.9	16.6	20.3	18.6	20.3	24.2	20.3	21.7	23.5	10.8	17.4	17.4	6.6	8.8	8.6	10.3	8.1	5.7	7.6	12.2	12.0	14.7	13.0	9.6	24	24.2									
27	9.8	11.8	6.9	3.2	3.5	3.0	1.8	4.7	4.0	6	3.0	2.3	2.5	4.4	6	2.8	1.4	2.1	6	6.9	6.1	9.3	7.6	11.7	6	14.5	6	24	14.5						
28	9.3	7.6	7.3	7.3	9.3	7.1	8.8	6.4	4.7	5.7	6	9.0	5.4	5.9	5.6	4.9	6	7.3	6	8.1	6	5.4	6	12.7	6	8.3	6	6.1	6	5.9	6	6.9	6	24	12.7
29	4.7	7.1	5.4	6.1	9.8	8.6	6.4	5.9	4.7	4.4	3.3	4.4	3.4	0	2.1	6	2.1	6	1.8	3.4	4.4	6	6.6	6.6	7.1	6	10.5	6	7.8	6	24	10.5			
30	7.3	7.1	5.2	5.9	7.4	7.1	9.8	9.5	15.7	6	12.5	11.3	13.5	11.8	9.3	9.6	7.8	9.3	8.1	8.1	12.7	7.9	15.5	10.0	9.1	6	24	15.7							
31	7.6	9.6	9.6	8.3	10.1	9.6	18.4	15.0	9.6	6.6	6.2	5.9	4.4	2.7	2.6	4.0	4.5	2.6	4.0	9.8	14.0	10.0	11.0	14.2	24	18.4									
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	30	30	30	30	31	31	31	31	31	31	31	31	24									
MAX:	25.2	24.9	27.7	26.2	24.4	31.6	26.9	35.8	25.9	20.8	20.1	17.4	12.5	17.9	20.8	18.9	22.8	25.2	27.2	26.7	26.2	27.5	28.6	23.2											
AVG:	12.67	12.06	12.94	11.90	12.43	12.37	12.95	12.74	11.90	10.47	8.93	8.21	7.22	7.07	6.84	7.22	7.67	7.36	8.20	9.99	11.73	12.08	12.68	11.98											

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 10.42 MONTHLY MAX: 35.8

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-057-0002 POC: 3
 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:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2015

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	15.5	11.3	13.7	10.6	8.8	6.9	13.5	6 9.3	4.2	3.3	3.0	AX	BA	BA	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	11	15.5	
2	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
3	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
4	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
5	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
6	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
7	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	BA	15.7	10.8	13.0	9.3	11.8	10.6	12.0	9.8	15.7	13.7	10	15.7	
8	13.5	15.2	16.7	16.7	12.0	14.5	14.0	18.9	18.4	14.2	6 14.5	6 12.5	6 9.1	6 10.6	6 11.8	6 11.8	6 11.5	6 15.5	11.5	14.7	12.5	12.3	17.9	19.3	24	19.3	
9	18.4	16.7	17.6	13.5	15.0	13.5	11.0	13.3	10.3	10.3	13.7	6 16.5	6 17.4	6 23.7	6 19.1	17.4	17.6	17.6	20.3	15.5	22.2	19.3	21.7	20.3	24	23.7	
10	16.5	17.6	16.7	9.3	9.8	7.8	7.4	10.5	13.0	12.3	10.0	13.7	6 13.5	6 9.3	6 6.1	6 8.1	5.7	2.3	4.0	5.4	11.2	7.6	5.2	4.4	24	17.6	
11	4.7	3.5	7.1	3.9	2.3	6.1	4.9	7.3	8.3	5.6	2.8	6 4.9	6 9.3	6 5.9	5.6	6.9	6.4	4.5	6.8	14.4	11.3	9.5	10.3	10.3	24	14.4	
12	9.5	6 12.0	6 12.2	6 7.8	6 7.6	6 11.3	6 12.0	6 12.3	6 8.3	7.1	6.9	5.4	6.4	6.6	17.0	9.8	9.3	7.6	9.8	11.5	12.2	14.5	10.5	11.7	24	17.0	
13	15.0	6 9.5	6 6.8	6 12.0	6 13.7	6 12.5	6 11.7	6 10.8	6 9.3	8.6	6.4	5.9	8.1	7.9	8.3	7.8	13.2	15.5	14.7	22.0	8.8	8.1	7.1	7.1	24	22.0	
14	8.1	7.6	5.9	6.9	5.2	4.2	3.0	.6	3.0	3.7	6.1	8.3	8.1	9.0	6 7.1	6 5.9	5.4	6 4.9	9.1	8.8	6.1	2.6	1.1	2.6	24	9.1	
15	.6	2.5	2.8	2.1	3.5	3.5	9.0	8.6	6.6	6.6	6.6	7.3	6.4	5.2	6 5.9	6 6.8	6 8.1	6 6.4	6 6.8	6 8.3	6 5.6	6 3.8	6 7.1	6 4.7	6 24	9.0	
16	5.6	6 5.7	6 7.6	6 8.5	6 8.3	6 6.4	6 3.9	6 2.3	6 4.0	4.7	6.6	6.9	5.9	3.0	3.0	8.1	7.4	3.9	6.4	6.1	5.2	5.6	10.5	11.0	24	11.0	
17	9.8	11.0	8.3	10.5	12.0	10.5	15.2	11.5	15.7	8.3	7.6	9.8	6 7.6	6 6.4	6 11.2	8.6	4.9	4.7	8.1	10.3	10.0	15.0	17.1	8.3	24	17.1	
18	6.9	12.5	14.4	11.5	10.3	10.8	12.5	12.0	8.8	6 13.2	6 10.0	6 6.1	6 10.5	6 8.1	6 9.0	6 10.0	6 11.0	6 10.3	6 10.0	11.0	12.0	9.3	8.3	12.7	24	14.4	
19	10.8	8.3	10.5	11.7	7.3	6.6	10.5	16.4	11.5	7.6	8.3	7.3	3.7	1.8	2.3	1.1	3.3	2.8	.8	3	2.8	3.3	2.3	2.1	24	16.4	
20	2.5	5.9	4.2	5.9	5.9	7.3	5.4	3.9	6 5.9	6 7.5	6 6.1	3.9	6 5.6	6 10.7	6 AX	BA	6.3	4.1	4.9	6.1	5.4	7.1	12.5	9.3	22	12.5	
21	10.5	7.8	6.8	5.9	7.6	10.5	6.8	7.8	7.6	6 6.6	6 6.8	6 4.6	6 4.1	6 4.9	5.6	5.9	5.9	7.1	5.6	8.5	10.2	11.0	8.3	8.3	24	11.0	
22	8.3	5.9	12.2	13.2	11.9	12.7	8.3	6.6	6.3	4.4	6 5.4	6 3.7	6 5.2	6 6.8	7.1	4.7	5.6	6.6	5.9	8.3	7.1	13.5	10.0	9.0	24	13.5	
23	6.8	7.3	12.7	9.0	6.9	5.2	16.2	6 4.2	2.8	4.4	6 4.1	6 2.8	6 5.4	4.9	10.0	6.6	6.6	6.4	4.9	4.9	6.3	5.4	7.6	6.4	24	16.2	
24	5.2	6 3.5	6 3.5	6 4.2	6 7.3	6 7.3	6 7.3	6 7.8	4.4	2.7	5.2	6 3.4	6 6.4	6.8	5.4	3.2	3.7	3.7	9.5	6.1	8.6	9.3	9.0	15.9	24	15.9	
25	16.1	12.7	16.6	13.5	12.5	14.2	12.8	15.0	14.7	15.2	15.5	16.9	8.3	10.5	12.0	12.7	6 8.6	6 7.1	6 5.4	6 8.3	6 13.3	6 9.5	6 7.3	6 6.4	6 24	16.9	
26	9.5	6 7.8	6 6.4	6 5.9	6 5.9	6 6.2	6 4.2	6 3.8	6 5.7	6 7.6	6 5.7	6 3.5	6 1.8	6 2.1	3.3	7.1	5.4	2.1	.8	3.7	5.7	5.7	6 6.9	6 8.8	6 24	9.5	
27	10.5	6 7.1	6 7.6	6 11.0	6 9.1	6 7.8	6 7.6	7.1	11.3	9.8	6 7.1	6 4.4	6 7.3	8.8	8.1	6.9	6.1	9.6	9.5	9.1	11.5	9.6	8.6	9.1	6 24	11.5	
28	14.5	6 17.6	6 11.3	6 14.7	6 12.3	6 14.5	6 14.0	6 12.2	9.1	12.0	BA	BA	BA	4.7	3.9	6.4	9.8	6.9	9.8	8.8	8.1	8.3	10.3	17.6	21	17.6	
29	13.9	11.8	15.1	12.7	8.6	20.5	17.9	15.2	13.2	9.3	6.4	7.6	12.7	9.5	10.3	11.0	12.2	14.1	12.5	12.7	17.8	14.4	14.4	17.7	24	20.5	
30	21.3	17.6	13.9	17.6	16.1	17.4	20.7	23.9	19.6	15.4	11.6	17.4	9.6	13.0	13.2	13.5	12.5	14.0	16.4	11.5	12.0	8.8	9.6	7.4	24	23.9	
31																									0		
NO.:	24	24	24	24	24	24	24	24	24	24	23	22	22	23	23	23	24	24	24	24	24	24	24	24	24		
MAX:	21.3	17.6	17.6	17.6	16.1	20.5	20.7	23.9	19.6	15.4	15.5	17.4	17.4	23.7	19.1	17.4	17.6	17.6	20.3	22.0	22.2	19.3	21.7	20.3			
AVG:	10.58	9.93	10.44	9.94	9.16	9.93	10.41	10.05	9.19	8.35	7.63	7.85	7.84	7.83	8.74	8.31	8.31	7.79	8.55	9.45	9.91	9.30	9.97	10.17			

MONTHLY OBSERVATIONS: 568 MONTHLY MEAN: 9.17 MONTHLY MAX: 23.9

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-057-0002 POC: 3
 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:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2015

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	6.4	9.1	10.8	7.3	8.3	8.6	7.3	4.7	3.0	3.0	3.2	5.7	5.4	3.2	5.7	5.4	6.2	5.9	6.7	5.7	6.1	7.8	9.6	12.0	24	12.0					
2	11.0	10.3	9.8	12.5	10.8	14.9	16.7	14.4	11.8	12.3	10.3	9.1	6.9	8.3	7.1	7.6	11.0	8.3	5.7	12.0	13.5	14.4	14.7	15.4	24	16.7					
3	13.7	16.4	14.9	13.2	17.9	15.2	13.5	19.1	14.0	14.0	6	10.5	6	9.6	9.1	8.8	7.6	10.1	10.1	11.6	10.5	14.7	14.9	11.6	9.3	8.4	24	19.1			
4	12.8	11.5	14.7	16.7	14.2	16.4	14.0	19.8	14.9	6	18.1	6	14.7	AX	BA	BA	18.9	10.3	11.8	12.5	12.7	10.3	22.0	13.7	17.9	21	22.0				
5	18.9	15.2	14.9	14.7	17.9	12.8	14.2	20.1	14.2	14.9	18.1	7.4	8.3	14.2	16.7	12.5	10.8	9.6	8.6	15.9	17.4	12.0	12.8	13.0	24	20.1					
6	15.2	16.4	12.0	12.5	18.4	10.3	13.0	10.8	11.0	8.6	6	9.8	6	11.8	6	13.5	11.8	10.8	11.8	12.0	8.6	11.5	13.0	12.0	15.6	14.0	15.4	24	18.4		
7	16.4	14.9	16.9	17.4	14.4	15.6	13.8	15.9	8.6	13.7	12.3	9.8	12.3	17.4	14.5	14.2	14.9	12.0	17.9	14.0	20.3	18.6	20.5	19.1	24	20.5					
8	17.6	16.1	20.8	14.4	14.2	14.0	13.0	9.8	7.1	10.1	10.8	10.8	15.6	10.3	10.5	9.1	12.5	11.5	12.8	10.8	8.8	12.5	14.6	11.0	24	20.8					
9	14.2	15.2	12.0	11.5	9.6	8.9	7.4	8.3	9.8	15.4	12.0	7.1	7.8	8.8	11.8	10.5	10.5	10.0	10.0	7.6	6.4	7.4	6.7	5.0	24	15.4					
10	4.2	5.9	7.1	12.8	9.1	8.3	8.3	9.1	9.6	12.3	10.3	12.5	10.3	12.8	12.5	10.5	12.7	14.0	8.6	5.9	5.4	8.3	8.8	7.4	24	14.0					
11	5.7	5.9	8.1	8.3	5.7	7.1	7.6	29.8	9.8	6	9.6	6	8.3	6	13.7	6	13.2	6	14.7	11.5	12.0	11.0	17.9	17.1	17.2	22.0	13.5	8.3	8.8	24	29.8
12	10.8	9.3	14.9	9.6	9.1	13.2	18.6	22.0	23.5	20.7	16.4	18.1	14.2	16.1	20.5	17.6	18.9	13.2	17.1	14.5	9.5	8.5	7.1	5.9	24	23.5					
13	8.8	12.3	8.3	10.3	7.8	5.6	7.8	9.8	8.1	8.6	9.0	9.8	8.6	10.8	11.0	10.8	7.8	6.1	7.8	10.5	10.0	16.6	9.3	9.3	24	16.6					
14	4.9	6.1	7.8	8.1	9.3	7.6	5.7	6.1	13.2	9.1	AZ	BA	BA	11.5	9.8	6.4	13.0	9.0	8.3	9.3	12.2	16.1	11.5	12.0	21	16.1					
15	13.2	10.1	17.6	11.8	17.4	17.4	19.3	20.8	18.1	17.9	15.4	16.6	20.3	14.2	15.9	19.3	11.8	18.6	16.6	11.8	16.1	15.6	18.8	22.2	24	22.2					
16	18.6	17.1	19.1	17.9	14.9	16.2	13.7	15.9	13.5	10.8	17.4	14.5	13.0	15.0	14.2	15.6	14.7	13.0	12.8	15.4	15.6	15.1	18.6	19.6	24	19.6					
17	14.5	12.3	15.9	15.2	12.5	13.2	12.5	17.9	13.5	15.0	16.9	14.7	18.1	13.5	12.8	12.5	14.5	15.6	17.1	14.0	17.6	12.0	16.1	18.3	24	18.3					
18	20.8	16.9	19.6	18.4	19.6	16.6	19.3	15.9	17.9	17.9	16.6	6	14.0	6	15.2	13.7	16.7	12.0	18.4	14.0	14.2	10.8	13.5	15.4	13.5	10.5	24	20.8			
19	12.3	13.7	11.3	12.5	30.6	18.6	13.0	10.5	11.5	13.0	13.7	9.6	6	9.6	18.6	7.1	7.4	10.6	7.6	8.6	11.3	11.7	12.0	7.8	7.8	24	30.6				
20	6.4	10.8	8.3	8.6	10.0	9.3	8.8	8.6	8.8	7.8	6	8.3	6	7.8	6	5.2	5.7	9.1	4.4	3.4	7.3	8.1	5.9	11.8	13.0	11.5	12.0	24	13.0		
21	12.8	11.3	14.7	10.8	10.3	14.2	18.3	13.0	14.7	12.0	16.7	13.5	14.5	19.1	12.2	10.5	13.2	12.2	13.0	11.3	10.8	9.5	5.9	5.9	24	19.1					
22	5.2	4.2	3.2	6.1	6.9	7.4	7.6	8.1	7.3	8.8	6.2	2.9	1.6	8	3.9	2.9	4.7	6.6	6.6	10.5	13.0	22.0	14.6	13.2	24	22.0					
23	9.1	14.6	11.0	12.2	11.8	13.7	13.5	18.9	10.8	8.3	7.1	9.6	10.3	8.1	15.1	10.8	7.4	14.2	12.0	13.2	12.0	14.2	14.5	13.7	24	18.9					
24	11.8	8.1	11.5	13.2	9.3	11.5	15.6	12.2	9.3	8.1	10.6	6.9	9.3	10.1	10.5	11.5	10.5	12.0	8.1	14.0	17.6	12.5	13.5	8.6	24	17.6					
25	10.3	8.1	13.0	9.6	10.3	8.3	13.2	10.0	6.9	12.0	10.0	8.6	7.6	14.0	10.1	5.7	5.2	9.8	9.1	16.7	10.8	13.2	14.7	11.5	24	16.7					
26	8.8	6.2	11.0	8.9	5.7	5.7	9.3	18.9	7.1	11.5	8.6	11.1	9.6	10.2	8.1	5.7	6.4	5.4	4.2	6.2	7.4	5.4	10.3	6.9	24	18.9					
27	6.4	4.2	1.4	2.5	1.1	-3	2.7	4.7	4.2	4.2	6.2	5.7	6.7	8.4	7.9	8.8	8.1	6.2	5.2	3.2	5.5	7.8	6.2	5.2	24	8.8					
28	6.4	7.4	10.6	11.3	9.1	9.8	10.0	9.6	13.7	15.7	11.5	8.1	8.8	9.1	6.2	4.2	7.4	10.3	8.8	11.5	11.0	14.0	12.5	10.3	24	15.7					
29	10.5	12.3	9.8	16.9	8.8	10.8	12.0	14.5	13.7	13.7	12.5	9.1	12.0	10.6	9.1	9.8	11.0	16.9	11.8	10.6	14.7	16.9	19.3	14.2	24	19.3					
30	17.6	12.3	7.6	6.9	9.8	14.2	12.7	11.0	6.2	4.0	5.2	6.6	5.2	5.7	3.5	1.6	4.2	6.4	5.7	5.4	8.6	11.0	12.0	11.0	24	17.6					
31	9.3	8.6	9.6	14.0	12.5	11.7	8.3	11.0	9.1	7.4	8.8	7.6	6.2	9.1	7.4	7.9	9.1	11.0	8.6	11.3	8.3	8.6	10.3	7.1	24	14.0					
NO.:	31	31	31	31	31	31	31	31	31	31	30	30	29	30	30	31	31	31	31	31	31	31	31	31	31						
MAX:	20.8	17.1	20.8	18.4	30.6	18.6	19.3	29.8	23.5	20.7	18.1	18.1	20.3	19.1	20.5	19.3	18.9	18.6	17.9	17.2	22.0	22.0	20.5	22.2							
AVG:	11.44	11.06	11.88	11.81	11.85	11.51	12.04	13.40	11.28	11.46	11.36	10.23	10.29	11.15	10.66	9.94	10.40	10.86	10.50	11.19	12.09	13.00	12.29	11.57							

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 11.39 MONTHLY MAX: 30.6

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-057-0002 POC: 3
 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:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality

MONITOR TYPE: SFM

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2015

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	4.7	4.2	7.1	9.3	8.3	6.1	6.1	9.8	8.3	7.1	7.1	5.9	11.5	10.3	AX	BA	5.2	9.3	6.4	8.1	11.5	6.6	6.9	9.3	22	11.5								
2	6.9	3.2	6.6	6.4	9.8	9.3	8.3	6.4	9.1	13.0	8.3	6.6	7.1	6.1	8.1	10.0	11.7	8.8	9.3	11.3	5.6	.3	4.7	5.4	24	13.0								
3	3.9	2.2	6.6	5.6	4.9	3.4	1.4	.8	4.4	3.2	2.7	4.4	6.1	5.6	9.8	9.1	7.8	7.1	8.1	6.9	5.6	5.6	5.9	2.0	24	9.8								
4	5.2	3.2	-.3	6.1	7.6	4.9	2.2	4.9	5.2	3.4	2.2	2.5	2.2	4.2	5.9	4.9	5.9	5.9	3.9	6.6	7.3	4.9	5.2	4.4	24	7.6								
5	5.9	4.9	3.4	4.2	3.9	4.7	4.7	4.4	2.9	3.0	3.5	7.1	8.6	9.8	11.1	6.6	8.3	7.1	11.0	13.7	13.0	12.3	10.8	13.7	24	13.7								
6	12.3	9.1	11.5	17.1	16.4	13.0	11.0	11.0	13.0	18.4	14.5	16.6	12.0	17.1	15.9	16.1	21.7	15.9	18.6	15.4	19.3	17.9	14.5	14.5	24	21.7								
7	14.0	15.1	11.3	14.7	16.9	14.5	14.0	12.0	12.7	14.0	9.3	8.8	5.7	12.0	10.1	8.3	11.8	13.2	13.5	14.5	9.1	8.8	14.0	12.2	24	16.9								
8	13.7	8.8	13.2	9.6	11.3	13.0	11.0	12.2	14.7	12.5	11.5	12.5	14.0	14.7	15.9	15.5	13.2	16.6	10.3	15.6	8.6	11.7	18.1	11.8	24	18.1								
9	9.5	6.4	8.6	8.1	11.5	7.3	10.5	9.1	9.1	11.5	9.8	10.8	11.1	10.5	10.0	9.8	9.5	9.8	10.3	16.6	17.8	11.5	13.7	16.6	24	17.8								
10	14.2	12.2	12.2	10.3	14.5	15.2	14.2	16.6	17.6	20.0	21.5	23.7	23.4	24.2	20.3	18.6	18.6	13.5	17.4	18.6	21.7	23.4	14.5	22.7	24	24.2								
11	20.5	19.3	21.0	22.2	20.7	17.6	20.0	15.2	16.4	13.4	11.3	8.6	11.0	10.3	12.0	7.8	7.1	9.5	9.1	7.1	7.8	10.5	7.6	13.2	24	22.2								
12	8.6	7.1	10.3	12.2	10.0	15.6	11.5	16.6	8.1	10.0	9.3	9.0	13.5	13.7	13.7	9.3	10.5	7.6	9.8	8.8	10.8	15.6	11.0	9.5	24	16.6								
13	11.3	7.6	12.7	9.8	10.8	10.3	9.3	7.8	12.2	6	11.3	6	13.5	6	13.5	11.7	9.8	11.3	9.3	9.0	7.1	7.8	14.0	9.5	16.4	24	16.4							
14	13.5	13.5	11.0	12.5	12.0	11.5	13.2	15.2	18.4	6	18.1	6	16.1	6	17.8	6	18.8	6	17.1	16.9	19.3	18.6	17.1	16.4	16.9	17.8	24	21.2						
15	18.8	17.6	18.1	19.8	18.6	15.6	16.9	8.1	13.4	6	14.0	6	12.0	6	10.7	6	12.2	6	AX	BA	BA	17.3	15.2	9.8	13.2	24.6	23.9	12.2	22.5	21	24.6			
16	18.3	20.0	15.8	14.4	14.2	15.5	12.2	14.7	17.4	6	20.3	6	18.3	6	18.3	6	16.6	6	20.5	20.0	14.4	19.1	20.5	15.2	19.3	18.3	15.6	14.7	12.7	24	20.5			
17	9.3	6.8	7.1	8.8	6.9	9.5	10.8	9.8	10.8	9.1	6	6.9	6	10.0	6	11.5	6	12.7	11.5	10.8	14.5	13.4	13.2	11.0	14.4	17.1	15.0	14.4	24	17.1				
18	20.0	11.0	11.5	11.8	15.5	11.5	11.7	16.4	13.2	18.3	6	14.5	6	19.1	6	20.0	6	15.2	16.6	14.2	14.2	15.7	14.5	18.6	19.8	17.8	13.0	10.8	24	20.0				
19	9.5	6.6	8.6	9.6	11.0	12.2	18.3	13.0	19.8	6	17.9	6	11.3	6	15.2	6	18.1	6	8.6	11.5	10.0	15.0	8.8	7.6	6.9	6.4	11.5	7.6	4.2	24	19.8			
20	7.6	8.1	8.3	10.7	7.1	9.3	16.3	12.7	25.4	16.6	6	14.2	6	13.2	6	16.6	9.8	11.5	13.2	11.2	9.1	12.0	8.3	15.7	14.9	15.0	12.0	24	25.4					
21	9.8	7.8	15.0	15.0	16.1	13.0	12.5	8.8	9.8	6	12.5	6	9.1	6	9.8	6	10.5	6	12.2	10.8	14.0	10.8	11.5	11.7	15.7	7.3	10.7	8.0	7.3	24	16.1			
22	7.8	5.4	9.8	7.6	6.6	10.7	13.5	16.6	6	10.8	6	10.3	6	9.5	6	5.9	6	12.0	6	10.3	9.8	10.0	11.7	11.5	12.9	11.2	13.9	17.1	15.0	12.0	24	17.1		
23	20.7	11.0	14.0	14.2	18.8	27.4	21.5	18.1	18.8	6	14.7	6	24.4	6	26.9	6	35.3	6	29.5	32.3	30.0	32.1	36.5	34.5	30.3	26.7	31.3	30.6	28.6	24	36.5			
24	32.5	23.9	29.0	26.9	28.7	24.2	28.4	19.3	15.0	6	15.4	6	16.9	6	14.4	6	15.2	6	14.2	13.2	11.5	17.1	15.0	18.8	12.7	14.0	17.1	19.1	10.5	24	32.5			
25	12.2	15.9	19.3	15.4	22.5	24.7	17.1	19.3	16.6	21.2	6	23.9	6	23.2	6	19.1	6	23.0	18.3	24.4	23.7	19.3	23.0	19.3	22.2	23.2	20.0	22.0	24	24.7				
26	26.9	18.8	20.5	23.0	24.6	18.1	21.9	16.1	17.6	14.7	16.4	6	14.0	6	18.1	6	18.3	28.6	17.6	23.4	17.8	15.9	20.0	15.2	15.2	20.0	12.0	24	28.6					
27	11.5	7.8	6.8	7.8	5.9	6.6	7.1	5.6	15.4	13.2	16.6	16.6	17.1	18.6	20.5	22.2	12.0	10.3	6.9	9.1	8.1	5.7	6.4	6.8	24	22.2								
28	10.3	7.1	8.3	9.3	10.2	8.1	4.9	5.2	4.7	5.4	6.8	4.2	4.2	6.3	4.7	3.4	3.4	3.9	5.9	6.6	9.5	8.5	6.8	10.5	24	10.5								
29	12.0	7.6	8.8	8.1	6	12.5	6	11.2	6.8	9.3	7.1	6.4	6.1	4.9	7.3	9.0	14.6	11.3	7.3	10.3	11.2	8.1	12.7	15.0	14.0	14.4	24	15.0						
30	16.9	13.7	12.2	17.1	15.1	21.5	22.0	16.1	23.5	17.4	6	9.1	6	11.8	6	11.8	6	13.5	17.1	10.0	8.6	9.5	9.3	12.0	11.7	17.4	15.4	11.8	24	23.5				
31																																		0
NO.:	30	30	30	30	30	30	30	30	30	30	30	30	30	29	28	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
MAX:	32.5	23.9	29.0	26.9	28.7	27.4	28.4	19.3	25.4	21.2	24.4	26.9	35.3	29.5	32.3	30.0	32.1	36.5	34.5	30.3	26.7	31.3	30.6	28.6										
AVG:	12.94	10.20	11.61	12.25	13.10	12.85	12.64	11.70	13.05	13.00	11.81	12.20	13.47	13.41	14.30	12.99	13.35	12.62	12.45	13.01	13.68	13.92	13.24	12.64										

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 12.76 MONTHLY MAX: 36.5

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-057-0002 POC: 3
 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:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2015

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	14.2	12.5	14.7	17.4	15.4	16.4	14.7	15.6	19.3	20.5 6	24.2 6	32.6 6	31.8 6	36.5	42.1	37.7	38.5	47.0	36.2	32.3	34.5	32.0	31.5	38.0	24	47.0
2	38.7	34.3	36.5	36.5	33.3	33.3	29.5	25.2	23.7	15.2	11.5 6	12.2 6	16.9	15.4	16.6	15.2	12.0	12.0	10.0	7.1	8.6	12.7	12.0	13.5	24	38.7
3	12.2	8.6	11.0	12.5	15.6	9.0	9.5	17.1	7.3	7.6	6.1	5.9	8.1	6.1	3.4	9.5	9.3	9.5	7.3	3.9	3.2	3.9	1.8	2.2	24	17.1
4	4.9	5.2	9.5	8.6	12.2	11.0	11.0	13.7	12.7	14.7	10.8	12.0	10.8	9.1	5.9	4.9	4.4	6.6	4.4	7.8	16.3	19.3	21.0	14.2	24	21.0
5	18.4	13.7	21.7	14.5	18.8	15.0	18.6	16.9	18.3	18.3	17.8	26.4	23.4	15.0	20.3	11.5	13.2	10.5	8.3	7.1	6.1	9.0	9.3	6.4	24	26.4
6	8.1	5.9	5.4	8.3	9.5	10.8	11.7	11.3	10.5	6.1 6	9.8 6	9.1 6	11.0	AX	BA	BA	13.5	15.4	13.2	25.1	26.1	18.6	11.5	9.8	21	26.1
7	14.2	11.0	13.0	10.8	15.1	10.8	19.1	18.8	20.3 6	20.0 6	18.3 6	17.6 6	19.1 6	17.1	22.0	22.7	16.4	14.7	15.4	24.2	16.9	22.0	20.7	18.6	24	24.2
8	19.8	18.1	20.5	20.7	22.7	24.9	32.0	34.5	28.4	29.3	20.7 6	24.4 6	17.4 6	25.9	25.1 6	22.5 6	27.2	25.1	20.7	16.1	16.6	16.4	15.5	17.1	24	34.5
9	16.1	13.5	14.2	15.0	12.7	14.5	18.6	15.7	16.1 6	14.4 6	25.1 6	17.8 6	21.7 6	23.4	25.6	22.2	19.5	21.5	24.4	21.2	23.4	22.7	24.4	24.9	24	25.6
10	19.3	23.0	24.4	18.1	20.5	21.0	23.7	24.4	26.1 6	30.6 6	24.2 6	26.7 6	25.4 6	26.4	27.9	25.1	31.8	30.5	30.0	41.4	35.7	34.0	28.4	29.8	24	41.4
11	29.3	25.1	22.5	23.2	23.9	24.7	22.2	24.1	19.5 6	12.5 6	11.7 6	10.3 6	5.6 6	6.6	7.1	5.9	3.9	6.6	6.1	10.3	10.0	10.0	6.4	8.8	24	29.3
12	11.3	8.8	11.5	14.5	13.2	16.6	15.0	16.1	19.1 6	19.3 6	14.7 6	13.7 6	9.8 6	12.5	13.2	9.5	13.2	14.0	17.9	16.9	19.8	19.6	19.5	14.0	24	19.8
13	18.1	11.5	14.0	16.1	13.2	13.7	14.7	16.9	16.9	17.6 6	14.5 6	11.7 6	10.5 6	11.3	18.9	13.5	9.8	10.3	10.8	12.5	9.5	5.7	4.9	5.4	24	18.9
14	5.9	5.2	12.0	11.3	11.5	9.1	9.5	8.3	6.4	4.4	7.6	7.1	3.0	.6	1.1	3.7	3.2	5.2	7.4	8.3	10.5	10.8	10.0	9.3	24	12.0
15	11.0	6.8	6.6	9.3	9.3	11.0	6.9	4.4	2.5	5.9 6	6.4	10.5	6.4	4.2	4.9	4.2	3.4	2.5	4.9	8.1	7.6	10.5	7.4	10.8	24	11.0
16	7.1	3.7	7.6	7.6	11.5	11.0	12.7	11.0	8.3	7.1	8.8	9.3	9.8	10.3	10.5	5.9	10.5	8.5	13.2	16.4	13.2	13.2	12.5	14.7	24	16.4
17	16.9	12.5	13.7	13.0	11.5	12.5	12.0	12.2	13.5	8.6	12.2	11.5 6	8.3	10.0	12.0	10.3	11.3	9.8	12.7	12.7	12.2	13.5	19.1	17.9	24	19.1
18	17.9	9.1	11.3	12.5	18.4	18.3	13.0	18.3	16.6	17.6	12.5	17.6	13.7	11.0	15.9	14.5	10.3	11.5	10.0	16.4	13.7	16.6	12.0	10.0	24	18.4
19	12.0	8.1	11.5	14.5	9.1	12.5	12.2	13.7	12.0	12.2 6	17.6 6	16.6	15.7 6	14.0	12.0	17.3	13.2	13.7	9.8	13.5	16.9	14.0	17.6	15.2	24	17.6
20	12.7	9.3	14.5	14.5	15.2	19.8	9.5	18.3	17.9 6	11.0 6	19.1 6	17.4 6	13.0 6	12.2	14.0	15.5	10.8	12.5	16.4	9.8	15.2	12.2	13.2	11.5	24	19.8
21	16.9	6.4	9.8	11.7	15.0	10.3	11.3	11.2	12.0	AX	BA	13.2	11.7	10.5	13.0	13.7	15.4	14.7	16.6	13.7	9.8	11.0	9.3	8.5	22	16.9
22	11.8	6.8	7.3	7.8	8.6	12.5	9.3	30.0	22.2	14.0 6	13.0 6	12.5 6	10.5 6	8.1	12.7	11.7	14.2	13.0	14.5	18.1	14.7	17.4	14.2	15.2	24	30.0
23	15.9	15.9	15.7	14.9	19.8	19.8	19.1	17.4	19.3	18.1	20.7	13.2	14.5	24.6	14.0	17.6	19.8	22.0	18.9	21.7	17.4	22.5	18.6	15.9	24	24.6
24	20.3	17.8	20.8	15.9	20.2	23.2	19.5	14.2	22.2	16.9	18.8	14.2	13.5	12.2	18.1	15.9	19.5	11.5	19.8	18.1	22.5	17.1	16.9	21.2	24	23.2
25	17.8	16.9	24.6	19.3	18.1	18.1	20.2	19.6	13.7	15.2 6	17.8 6	15.7	18.6	14.5	13.7	18.8	14.5	18.6	17.4	18.8	17.1	22.2	15.9	22.0	24	24.6
26	24.9	23.7	19.8	19.1	19.3	15.6	21.7	17.1	15.7	15.2 6	14.5 6	12.5 6	16.6 6	18.8	18.6	18.8	18.9	22.0	16.9	19.1	19.3	18.6	17.4	16.4	24	24.9
27	16.4	14.2	16.4	12.7	10.0	13.5	17.4	11.0	15.5	7.0	13.0 6	15.5	11.0	15.0	14.2	15.7	16.6	22.0	16.1	14.4	11.0	12.0	14.7	12.0	24	22.0
28	8.6	6.6	11.5	10.3	13.5	9.8	6.1	4.4	7.4	8.8	11.5	9.8	16.4	8.1	11.3	14.7	8.3	12.7	8.6	14.0	11.0	11.8	9.6	7.6	24	16.4
29	13.0	8.1	11.8	10.8	13.2	13.2	15.2	12.3	11.0	11.5	13.0	15.5	16.2	15.2	13.0	15.5	13.0	9.8	8.6	9.8	12.0	10.0	9.6	10.8	24	16.2
30	7.1	9.5	10.8	10.5	13.0	11.8	15.2	17.8	15.5	14.0 6	15.7 6	9.8 6	12.5 6	16.4	15.2	14.2	16.4	17.4	14.0	18.1	18.8	14.2	13.2	11.5	24	18.8
31	11.5	8.3	12.7	12.7	10.5	8.8	11.8	9.3	10.3	12.0	10.3	12.0	11.0	11.5	8.1	8.8	7.6	9.3	11.2	10.0	12.7	13.7	11.5	15.7 6	24	15.7
NO.:	31	31	31	31	31	31	31	31	31	30	30	31	31	30	30	30	31	31	31	31	31	31	31	31	31	
MAX:	38.7	34.3	36.5	36.5	33.3	33.3	32.0	34.5	28.4	30.6	25.1	32.6	31.8	36.5	42.1	37.7	38.5	47.0	36.2	41.4	35.7	34.0	31.5	38.0		
AVG:	15.24	12.26	14.75	14.34	15.28	15.24	15.58	16.15	15.49	14.19	14.73	14.65	14.00	14.08	15.01	14.57	14.18	14.85	14.25	15.71	15.56	15.72	14.50	14.48		

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 14.79 MONTHLY MAX: 47.0

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-057-0002 POC: 3
 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:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2015

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	12.0	14.0	7.8	9.6	11.7	9.3	10.8	9.5	13.7	8.6	5.2	5.4	6.4	9.8	8.5	8.3	7.4	6.1	5.4	9.3	10.8	10.0	8.1	24	15.4
2	13.0	10.0	8.1	10.3	9.8	10.8	12.7	11.7	14.2	14.0	10.8	6.8	7.6	13.0	10.0	8.6	8.6	8.6	8.6	9.8	14.2	11.5	10.3	12.7	24	14.2
3	14.0	15.7	12.5	9.0	14.5	19.3	17.4	20.3	16.9	AX	BA	13.7	16.4	13.7	22.7	14.2	11.3	15.0	14.7	13.5	14.2	12.5	15.7	8.3	22	22.7
4	7.4	8.6	7.9	12.0	9.1	9.3	-4.4	18.1	11.8	12.5	17.8	16.6	17.4	10.3	11.3	12.5	12.0	14.0	10.8	16.4	12.5	19.1	16.6	16.1	24	19.1
5	14.0	12.0	12.2	13.2	11.5	20.3	13.2	14.4	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	8	20.3
6	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	7.1	12.2	17.9	13.0	11.8	17.9	13.0	7.8	4.4	3.2	10	17.9
7	2.5	3.5	2.3	.3	6.6	10.0	9.8	7.6	7.1	7.4	12.0	14.2	11.0	12.7	11.8	13.0	9.8	7.3	5.9	8.8	5.7	4.7	5.9	4.9	24	14.2
8	8.3	11.5	14.0	11.7	10.8	8.8	8.3	11.0	8.8	6.1	8.6	6.9	3.4	2.5	8.3	8.6	11.5	10.0	11.8	8.8	6.6	13.5	13.7	12.7	24	14.0
9	9.5	8.8	7.6	10.3	8.8	12.7	10.8	8.3	6.1	7.4	6.4	5.4	8.6	10.3	14.2	11.8	8.1	11.8	12.5	7.6	8.1	9.8	9.1	8.1	24	14.2
10	8.8	9.1	10.5	10.3	7.3	14.7	9.1	7.1	8.8	11.5	8.3	6.9	15.0	11.5	11.5	10.3	14.2	13.0	12.7	10.3	5.9	3.0	5.7	4.2	24	15.0
11	9.1	5.7	4.7	10.6	9.8	9.8	11.0	8.8	9.8	7.6	8.1	5.4	9.1	14.0	12.2	14.0	9.1	9.8	8.6	9.1	10.3	8.1	7.1	7.4	24	14.0
12	9.6	7.8	11.8	10.3	9.8	7.8	9.3	15.7	13.5	10.8	10.1	9.5	5.4	5.2	6.4	6.4	5.4	5.9	6.1	5.2	7.8	8.6	11.3	12.5	24	15.7
13	9.8	10.8	14.2	9.8	13.5	10.8	11.0	10.0	9.5	9.5	6.9	7.6	10.5	7.8	7.8	10.0	7.4	7.8	5.7	9.3	9.6	13.0	11.5	14.5	24	14.5
14	13.2	12.0	16.9	19.6	12.5	13.2	17.4	9.8	15.0	14.2	14.5	11.0	16.2	15.2	15.9	13.2	15.0	12.0	17.6	19.3	15.2	15.6	18.8	18.4	24	19.6
15	13.5	15.2	13.2	16.1	16.1	22.7	17.4	12.5	17.1	16.1	9.3	13.2	13.2	15.9	12.3	16.9	6.4	15.5	13.7	9.1	17.4	15.6	13.7	9.6	24	22.7
16	12.0	9.8	9.8	9.8	12.3	8.3	5.9	7.4	6.4	13.7	15.2	15.5	14.0	11.0	10.8	13.7	15.9	7.8	10.8	16.4	15.5	14.0	13.7	14.0	24	16.4
17	13.7	13.7	17.6	15.0	13.0	22.3	15.7	21.0	13.7	11.8	12.8	18.6	14.5	10.3	13.0	15.9	16.4	13.7	20.8	16.9	18.1	16.4	16.6	15.2	24	22.3
18	15.6	8.8	14.5	17.6	13.0	11.5	10.8	9.6	7.9	8.3	4.2	2.6	3.7	2.8	6.4	5.4	3.5	3.7	3.5	-.6	.8	3.2	3.4	4.4	24	17.6
19	3.7	-1.3	-2.7	-3.2	-3.5	-2.2	-2.5	-2.0	.8	2.8	8.8	8.6	9.5	13.7	9.3	9.3	8.3	4.7	3.5	4.4	4.9	3.5	2.3	3.4	24	13.7
20	1.1	1.1	2.7	4.4	7.1	6.1	5.2	11.5	7.4	3.7	4.0	4.4	4.4	4.2	4.7	8.8	7.6	6.6	8.3	7.8	3.9	1.1	.1	1.8	24	11.5
21	3.4	1.3	1.6	3.5	3.2	5.7	8.1	10.8	8.3	9.3	10.3	AZ	AZ	AZ	10.3	9.6	14.5	15.0	11.5	17.6	12.7	12.2	10.5	11.5	21	17.6
22	11.7	9.0	12.5	13.2	11.7	12.9	11.0	12.7	11.5	11.2	12.2	9.3	4.9	10.7	10.0	10.7	9.3	12.7	14.4	20.0	16.3	16.6	16.6	19.3	24	20.0
23	18.6	12.0	14.5	11.5	12.7	13.2	14.7	13.9	13.5	12.4	10.7	12.0	13.2	12.0	9.3	12.2	13.4	10.5	13.2	15.7	11.3	15.5	8.3	16.6	24	18.6
24	18.3	10.5	15.2	9.3	16.6	11.5	14.7	11.2	16.9	11.0	8.3	8.3	6.8	4.6	9.3	7.1	9.3	7.1	6.8	7.6	7.6	7.3	8.1	9.1	24	18.3
25	6.6	3.4	6.6	8.8	9.0	7.8	13.0	12.5	10.5	8.8	6.6	11.7	7.3	17.1	12.2	10.3	14.7	10.7	15.7	19.3	11.0	17.8	10.2	7.8	24	19.3
26	10.5	7.8	6.1	12.2	10.7	8.8	12.0	10.0	10.5	9.8	11.0	14.4	13.5	12.0	10.7	8.8	9.7	10.5	12.0	7.8	13.0	18.3	12.0	15.4	24	18.3
27	15.8	11.5	8.8	8.6	15.6	7.6	10.3	14.7	13.9	11.0	13.7	15.5	16.1	12.2	13.2	13.0	12.0	13.7	13.2	13.9	15.4	13.5	15.4	17.9	24	17.9
28	17.6	15.0	17.1	20.2	17.1	15.0	15.4	16.1	16.4	15.9	14.7	15.5	6.9	13.4	10.5	10.3	12.5	18.8	10.0	17.6	20.8	16.6	22.2	18.8	24	22.2
29	14.9	13.5	10.5	13.5	15.9	14.7	17.6	13.0	17.6	14.2	13.7	11.0	9.5	16.9	11.0	7.6	8.8	13.7	15.9	19.5	15.6	13.5	18.8	16.1	24	19.5
30	10.3	16.1	14.0	17.3	14.0	13.5	16.4	15.9	14.9	13.0	16.1	12.2	13.5	16.4	18.3	15.0	21.5	18.1	15.2	13.0	16.6	14.0	8.6	7.8	24	21.5
31	10.8	10.0	7.3	5.7	6.1	11.7	7.6	15.6	5.9	8.6	7.8	6.1	3.7	1.8	1.6	5.4	5.2	3.9	5.4	6.1	6.6	6.9	5.2	6.1	24	15.6
NO.:	30	30	30	30	30	30	30	30	29	28	28	28	28	28	30	30	30	30	30	30	30	30	30	30	30	
MAX:	18.6	16.1	17.6	20.2	17.1	22.7	17.6	21.0	17.6	16.1	17.8	18.6	17.4	17.1	22.7	16.9	21.5	18.8	20.8	20.0	20.8	19.1	22.2	19.3		
AVG:	11.09	9.50	10.20	10.62	10.81	11.68	10.94	12.00	11.18	10.58	10.41	10.29	10.03	10.63	10.73	10.78	10.92	10.74	10.89	11.78	11.33	11.47	10.86	10.86		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: 10.85 MONTHLY MAX: 22.7

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-057-0002 POC: 3
 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:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2015

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	6.1	4.4	3.9	3.0	6.8	6.4	13.7	9.1	6.4	8.1 6	10.4 6	AX	BA	13.2	13.0	14.7	10.3	15.9	14.5	17.6	17.4	19.8	20.5	16.6	22	20.5	
2	17.4	10.5	18.6	20.3	22.2	17.9	18.1	25.6	12.2	13.2 6	13.0 6	12.0 6	15.2 6	15.5	14.0	10.8	10.5	13.2	14.2	15.5	12.2	9.5	14.2	9.5	24	25.6	
3	11.3	5.4	2.3	6.6	8.8	6.6	11.7	10.0	14.4	15.2	18.1 6	21.0 6	23.2 6	20.7	19.8	24.4	12.7	18.3	18.1	19.1	19.8	19.5	24.4	17.6	24	24.4	
4	15.9	17.1	21.2	18.3	17.6	19.5	22.5	23.2	17.8	18.8	17.6 6	21.2 6	14.5	19.5	21.5	23.2	16.6	23.4	24.2	23.9	22.5	21.2	13.0	18.3	24	24.2	
5	14.4	14.9	15.2	18.1	20.5	20.7	18.3	12.0	24.7	19.1	16.9	12.0	14.0	14.2	13.7	16.4	15.0	14.7	16.9	14.7	11.0	12.5	11.2	10.0	24	24.7	
6	14.4	8.3	9.1	15.6	11.2	11.5	9.5	8.8	13.7	9.3	6.4	6.4	10.8	8.8	7.8	9.5	11.5	8.8	7.1	7.1	9.5	7.6	9.3	9.1	24	15.6	
7	5.9	5.9	6.4	3.2	3.4	3.2	5.6	11.7	6.6	2.1	4.2	3.0	2.3	8.6	7.6	5.4	6.2	5.4	2.7	3.9	7.3	5.2	3.4	3.4	24	11.7	
8	4.4	3.7	2.7	6.6	5.2	5.9	8.6	11.7	6.4	3.9	5.2	4.2	7.1	9.1	7.1	7.1	6.4	6.1	7.1	8.1	7.6	5.7	7.6	8.8	24	11.7	
9	9.3	8.1	11.5	9.3	6.8	8.3	11.5	7.3	16.1	9.1	10.8	7.6	4.4	6.4	8.1	6.1	6.6	8.1	7.4	4.4	3.7	5.2	3.0	.8	24	16.1	
10	1.3	.1	3.9	3.9	2.5	3.5	9.8	8.8	6.1	5.4	10.5	9.1	10.0	12.7	9.5	AV	AV	-3.2	1.4	2.7	3.9	2.5	3.2	2.9	22	12.7	
11	1.8	2.5	7.1	6.8	7.1	8.8	7.1	2.5	4.7	9.5	9.1	5.4	13.0	12.7	8.8	9.3	12.2	9.5	12.5	11.7	11.3	11.5	10.5	7.8	24	13.0	
12	12.7	10.0	12.7	8.8	10.3	11.2	8.8	10.3	12.0	9.0	8.1	8.1	10.3	12.0	7.8	3.7	2.0	3.0	6.6	4.9	2.9	4.2	3.4	2.7	24	12.7	
13	5.6	4.4	2.9	3.4 6	2.5 6	3.9 6	5.6 6	7.6	5.1	4.7	4.4	4.6	2.2	4.9	4.4	2.0	.1	2.0	5.4	4.4	7.3 6	9.8 6	8.0 6	5.2 6	24	9.8	
14	5.6 6	9.5 6	7.8 6	7.6 6	5.1 6	7.8 6	12.2 6	22.2	8.3	5.6	5.6	5.4	5.0	3.4	6.1	6.8	6.6	7.1	7.6	7.8	7.1	17.6	7.6 6	10.5 6	24	22.2	
15	9.8 6	11.2 6	13.7 6	9.3 6	11.3 6	8.8 6	9.8 6	13.7	15.0	10.3	9.0 6	7.1	5.2	8.3	10.7	7.1	6.8	6.8	10.0	9.3	11.3	11.0	14.2	10.8	24	15.0	
16	9.5 6	14.2 6	9.5 6	11.0 6	9.8 6	15.9 6	20.0 6	20.3	14.2	14.2	10.3	12.2	11.5	10.0	11.8	11.8	14.0	13.5	12.2	12.7	13.5	12.7	16.1	17.9	24	20.3	
17	15.1	97.5IP	69.1IP	19.1IP	12.2IP	25.2IP	29.8IP	29.6IP	14.2	13.2	AX	BA	BA	8.8	11.5	8.8	6.9	8.3	8.6	12.7	12.0	12.2	10.8	12.0	21	97.5	
18	13.0	12.7	11.0	18.4	14.2	14.6	17.4	19.1	22.0	14.7 6	11.0 6	10.8 6	11.7	11.3	6.9	11.8	11.8	8.6	AV	AV	15.4	12.3	12.0	10.5	22	22.0	
19	14.0	11.8	11.8	10.0	16.4	14.9	15.6	20.7	10.8	10.8 6	8.3 6	9.5 6	9.8 6	7.8	7.1	7.8	4.2	2.7	10.0	12.5	15.6	12.2	15.1	12.5	24	20.7	
20	13.2	10.0	12.7	10.5	11.3	9.8	10.8	12.3	7.8	11.5	9.3 6	9.8 6	8.3 6	6.2	7.4	12.7	13.0	11.3	10.5	6.4	7.4	7.4	5.2	3.7	24	13.2	
21	1.6	2.0	7.8	12.2	9.1	8.3	6.4	7.1	7.3	7.3	9.0	6.4	5.9	5.4	8.1	8.6	9.0	6.4	3.7	4.4	7.3	3.9	3.7	3.5	24	12.2	
22	2.2	2.2	1.3	2.2	4.4	3.4	4.2	6.9	5.9	2.5	3.5	6.9	10.0	7.6	7.8	9.3	7.3	6.4	10.8	8.5	9.5	7.8	11.3	7.1	24	11.3	
23	5.4	7.3	6.4	11.7	8.5	9.5	6.9	6.6	8.3	9.8	8.6	6.6	8.8	11.5	7.8	5.4	9.1	9.3	8.3	8.6	7.1	22.0	10.8	7.3	24	22.0	
24	8.3	8.8	11.5	8.1	10.3	8.8	7.8	8.1	9.8	6.1	5.2	6.6	6.1	4.2	7.1	8.8	10.3	6.9	9.1	9.1	11.5	9.8	6.4	5.4	24	11.5	
25	5.4	5.2	3.9	3.2	4.2	2.5	.6	1.1	3.0	2.0	.1	1.4	.1	-2.0	-2.0	1.6	4.7	3.0	.0	2.7	3.0	2.2	5.9	4.2	24	5.9	
26	.6	1.6	.6	1.7	2.5	-2.5	-3.0	-.3	1.6	1.8	4.9	3.7	2.0	3.2	2.5	.6	4.9	3.7	2.7	2.0	4.7	3.0	3.0	2.2	24	4.9	
27	-1.0	-1.5	1.8	1.6	.1	1.1	-.1	1.1	1.1	.4	-.6	-1.3	1.3	2.3	2.2	1.6	1.1	4.7	6.1	3.4	3.7	1.4	-1.0	2.0	24	6.1	
28	3.0	2.3	.9	2.7	8.8	6.2	3.0	3.5	4.7	2.7	1.1	3.2	7.4	6.4	8.8	5.2	9.6	8.1	4.7	4.2	2.2	-2.0	-1.3	-1.0	24	9.6	
29	1.1	.3	.1	3.7	3.0	.1	-1.3	-2.7	-3.5	-1.8	.1	.4	-.5	2.3	8.1	6.6	4.5	5.2	5.4	5.4	4.7	5.9	6.9	6.4	24	8.1	
30	6.9	4.9	6.2	3.7	3.0	5.2	8.8	6.9	2.9	.1	3.4 6	3.7 6	2.8 6	2.6	1.6	7.1	5.7	6.4	9.3	10.0	9.1	6.6	4.9	2.7	24	10.0	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	30	29	28	28	30	30	29	29	30	29	29	30	30	30	30			
MAX:	17.4	97.5	69.1	20.3	22.2	25.2	29.8	29.6	24.7	19.1	18.1	21.2	23.2	20.7	21.5	24.4	16.6	23.4	24.2	23.9	22.5	22.0	24.4	18.3			
AVG:	7.81	9.84	9.79	8.69	8.64	8.90	9.99	10.83	9.32	7.95	7.71	7.39	7.94	8.59	8.55	8.77	8.26	8.12	8.87	8.89	9.38	9.34	8.78	7.68			

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: 8.76 MONTHLY MAX: 97.5

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-057-0002 POC: 3
 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:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2015

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	3.9	5.4	4.7	1.6	.3	1.1	3.2	2.5	.9	1.6	1.1	3.2	2.2	2.2	5.2	3.7	4.4	6.4	4.2 6	2.7 6	1.7 6	1.7 6	2.2 6	24	6.4	
2	4.7 6	2.7 6	1.1 6	2.0 6	2.2 6	1.6 6	2.2 6	1.1 6	-1.3 6	.1 6	-1.3 6	-1.8 6	5.2 6	4.2 6	1.1 6	-.8 6	.3 6	4.7 6	3.2 6	1.4 6	1.3 6	1.1 6	3.0 6	6.1 6	24	6.1	
3	6.2 6	3.7 6	.8 6	2.0 6	3.0 6	2.7 6	2.7 6	3.2 6	4.2 6	3.4 6	2.7 6	2.5 6	3.2 6	4.4 6	2.9 6	2.2 6	3.2 6	2.0 6	2.5 6	2.7 6	4.4 6	3.9 6	2.0 6	1.3 6	24	6.2	
4	1.1 6	1.4 6	-.1 6	1.6	2.0 6	3.7 6	4.2 6	2.2 6	2.0 6	4.2 6	3.0 6	.0 6	-1.7 6	1.7 6	4.2 6	.9 6	1.1 6	4.2 6	1.1 6	.0 6	.3 6	1.5 6	3.7 6	1.4 6	24	4.2	
5	.6 6	-.8 6	-3.2 6	4.2 6	4.2 6	4.0 6	4.4 6	3.2 6	6.6 6	AJ	AJ	BA	AX	3.7 6	2.5 6	4.4 6	4.7 6	4.7 6	4.2 6	3.4 6	4.7 6	5.9 6	4.9 6	6.4 6	20	6.6	
6	6.9	9.5	14.4	8.8	7.1	9.1	10.3	8.8	9.1	9.3	7.6	7.8	7.1	6.9	5.4	9.6	7.1	7.8	6.6	10.3	13.3	11.8	15.9	14.9	24	15.9	
7	10.5	10.1	9.3	10.8	9.8	16.4	14.9	10.3	5.7	7.8 6	6.4 6	4.2 6	4.8 6	5.4	6.4	5.2	5.4	6.9	12.5	32.6	9.3	15.4	10.3	7.1	24	32.6	
8	11.3	10.3	7.8	7.8	11.3	8.6	6.4	18.8	12.7	11.3	7.9 6	8.3	9.8	9.6	9.3	10.5	13.0	8.8	13.2	14.2	18.6	14.7	14.4	16.2	24	18.8	
9	14.9	14.2	16.6	19.6	15.1	16.6	12.0	16.9	18.1	14.5	15.4	10.3	11.3	9.3	8.1	8.1	13.2	17.9	12.5	17.6	14.0	16.4	7.4	6.6	24	19.6	
10	4.7	8.3	7.4	4.7	8.6	6.2	6.2	5.5	6.9 6	10.0 6	13.7 6	9.8 6	10.3 6	5.7 6	4.9 6	5.0 6	6.6 6	5.9 6	5.4 6	7.4 6	4.8 6	3.8 6	2.8 6	3.1 6	24	13.7	
11	4.8 6	5.3 6	3.8 6	2.3 6	4.5 6	6.1 6	6.2 6	4.0 6	2.5 6	2.6 6	2.3 6	2.6	2.1	4.7	6.2	5.7	5.9 6	8.8 6	7.6 6	9.5 6	8.3 6	12.2 6	10.3 6	7.1 6	24	12.2	
12	10.3 6	8.3 6	10.3 6	8.6 6	11.0 6	7.1 6	8.6 6	53.7 6	12.2 6	9.3	4.9	BA	BA	BA	10.8	11.5	7.9	9.8	9.1	7.1	9.1 6	9.6 6	6.7	8.4	21	53.7	
13	8.9	8.9 6	7.6 6	7.4	16.7	17.1	20.5	16.2	11.3	12.5	9.8	11.3	12.0	11.8	12.5 6	10.6	14.2	11.1	12.8	11.1	10.3	9.6	10.5	10.8	24	20.5	
14	11.8	8.6	5.0	11.3	11.3	9.3	7.6	6.9	8.1	6.9	6.6	10.8	7.6	7.4	6.4	6.6	6.7	6.2	8.6	8.1	6.9	10.1	7.4	4.7	24	11.8	
15	11.0	8.1	9.6	8.8	7.1	4.9	8.3	6.1	8.8	5.4	5.0	5.9	5.2	4.2	2.7	3.5	5.0	8.6	8.4	7.6	8.1	10.1	9.8	7.1	24	11.0	
16	9.8	12.0	9.8	10.3	13.7	13.0	14.4	17.9	20.3	8.9	5.7	8.6	6.2	8.8	12.0	7.4	4.7	5.7	11.6	10.3	9.8	6.4	5.7	4.0	24	20.3	
17	9.6	11.0	7.1	10.8	13.9	25.2	17.6	13.0	8.6	5.2	5.9	4.7	4.0	3.2	2.0	2.5	2.7	6.2	7.4	12.0	7.4	6.4	5.7	5.0	24	25.2	
18	7.1	7.2	6.7	5.9	7.4	11.1	10.6	8.1	7.4	5.7	3.0	3.0	4.2	3.5	.4	-.5	1.3	3.5	7.2	8.4	9.8	7.4	5.5	6.6	24	11.1	
19	9.1	7.6	5.7	7.4	9.8	12.0	9.1	7.4	9.6	7.2	5.9	5.0	7.9	8.1	8.6	4.5	6.9	6.9	12.1	12.8	9.6	17.4	14.4	14.2	24	17.4	
20	18.4	15.4	13.0	15.7	13.5	17.2	16.4	21.3	12.0	12.6	8.6	7.9	5.2	10.3	8.9	11.3	7.7	5.7	12.3	11.1	22.3	27.0	21.3	16.4	24	27.0	
21	16.9	13.8	16.9	10.3	11.3	13.5	20.8	28.1	18.1	15.7	10.8	12.3	9.8	12.3	8.6	8.4	9.8	8.1	13.5	12.3	17.9	19.8	19.8	22.3	24	28.1	
22	13.3	19.6	13.3	14.7	20.6	27.0	17.2	24.2	27.2	18.5	AX	BA	BA	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	10	27.2
23	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	9.3	12.3	9.8	17.4	16.9	12.3 6	12.0 6	17.4 6	18.9 6	19.4 6	AN	20.1 6	18.4 6	12	20.1	
24	19.1 6	19.3 6	22.5 6	21.3 6	20.3 6	22.3 6	18.9 6	19.6 6	18.9 6	9.4 6	9.3 6	8.9 6	11.3 6	10.6 6	11.6 6	11.1 6	9.1 6	14.2 6	15.0 6	15.0 6	16.7 6	18.4 6	10.1 6	16.2 6	24	22.5	
25	21.3 6	15.9 6	22.0 6	23.2 6	17.7 6	18.9 6	16.6 6	19.6 6	22.8 6	15.5 6	17.4 6	20.8 6	16.9 6	14.8 6	13.5 6	11.6 6	19.1 6	17.4 6	20.3 6	19.9 6	10.8 6	6.2 6	4.5 6	7.4 6	24	23.2	
26	4.7 6	4.7 6	5.7 6	5.7 6	7.6 6	8.4 6	6.2 6	8.4 6	5.2 6	7.9 6	6.4	4.5	3.5	2.5	5.7	8.4	6.4	7.6	4.7	2.3	3.5	7.4	7.1	4.7	24	8.4	
27	5.7	5.9	5.9	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	4.5	3.5	2.3	3.0	7	5.9	
28	10.6	4.7	.9	.9	.6	1.9	2.1	2.1	3.5	2.5	4.5	5.2	5.2	4.7	3.7	9.4	6.9	7.9	5.5	8.9	7.4	9.1	8.6	9.6	24	10.6	
29	8.9	12.3	9.8	11.6	12.0	9.6	11.1	13.8	10.3	11.8	10.3	7.7	6.4	6.2	8.1	8.9	11.1	10.3	13.8	12.5	11.5	13.8	13.5	13.5	24	13.8	
30	12.0	14.0	11.3	8.8	9.1	11.1	9.4	10.3	6.7	6.7	5.9	7.4	7.9	5.0	3.5	4.7	5.7	6.2	11.5	12.3	13.0	17.2	18.4	18.6	24	18.6	
31	17.6	12.0	11.1	13.0	10.3	8.6	10.8	11.3	10.8	8.1	9.8	14.5	8.1	12.0	10.6	13.8	13.5	14.5	13.5	21.3	21.8	24.0	21.1	22.0	24	24.0	
NO.:	30	30	30	29	29	29	29	29	29	28	27	27	27	28	29	29	29	29	29	29	30	29	30	30			
MAX:	21.3	19.6	22.5	23.2	20.6	27.0	20.8	53.7	27.2	18.5	17.4	20.8	16.9	14.8	17.4	16.9	19.1	17.9	20.3	32.6	22.3	27.0	21.3	22.3			
AVG:	9.85	9.26	8.58	9.06	9.77	10.81	10.23	12.59	10.03	8.35	7.00	7.13	7.00	6.89	6.90	7.12	7.42	8.21	9.65	10.87	10.05	10.75	9.63	9.51			

MONTHLY OBSERVATIONS: 694 MONTHLY MEAN: 9.05 MONTHLY MAX: 53.7

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-057-0002 POC: 3
 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:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2015

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	23.5	26.2	23.7	24.7	23.7	21.5	20.3	18.1	18.9	19.8	22.5	23.0	25.2	21.3	23.7	15.9	21.5	9.1	22.8	23.2	17.9	17.9	12.5	11.3	24	26.2													
2	18.6	10.8	17.2	13.0	13.5	13.8	10.1	7.9	7.1	6.2	4.0	5.9	5.7	4.0	4.5	5.2	3.2	5.7	6.7	9.8	10.0	11.5	10.3	9.8	24	18.6													
3	7.1	9.1	8.9	5.4	4.5	5.4	8.1	8.9	9.4	8.3	8.1	8.8	10.6	14.7	11.5	15.7	15.0	14.5	18.6	19.8	22.3	24.9	22.3	16.7	24	24.9													
4	15.9	19.6	16.4	14.2	16.7	16.6	11.5	12.5	16.9	10.3	AX	BA	9.3	6	11.0	12.8	11.8	6	12.0	12.3	11.5	10.0	11.3	15.4	18.4	17.6	22	19.6											
5	11.3	13.0	16.4	21.0	17.1	16.4	17.6	22.0	19.1	16.9	16.7	13.3	7.9	10.1	6.2	7.1	7.6	7.2	7.8	10.8	14.0	10.0	10.1	11.1	24	22.0													
6	14.7	13.3	14.5	11.8	16.4	17.6	13.7	12.8	11.5	11.8	9.6	8.4	5.7	4.2	4.4	5.4	7.4	6.6	10.5	10.8	11.3	15.9	11.8	13.5	24	17.6													
7	16.4	16.2	16.6	13.5	15.0	15.7	16.1	24.4	14.5	11.5	10.3	7.6	13.3	14.2	10.8	13.5	12.3	12.8	9.1	7.4	6.4	7.8	8.6	9.6	24	24.4													
8	7.4	5.2	5.9	10.5	8.6	5.2	7.6	6	7.1	6	5.7	9.3	9.3	9.1	8.3	8.1	9.8	7.4	3.7	5.6	7.4	6.9	6.9	10.5	10.8	12.5	6	24	12.5										
9	14.2	6	AN	AN	AN	AN	AN	AN	AN	11.3	6	8.6	6	4.7	6	8.8	6	8.3	6	5.7	6	3.5	6	4.0	6	4.4	6	2.5	6	4.4	6	5.0	6	5.0	6	4.9	6	17	14.2
10	7.1	6	4.2	5.0	4.7	6	5.2	4.7	6.4	7.9	7.9	6.2	6.4	8.6	6.9	6.2	4.5	3.7	4.2	4.0	6.9	4.7	8.1	6.9	4.9	5.2	24	8.6											
11	6.4	5.7	5.0	7.9	6.9	6.9	9.6	7.9	9.9	7.8	AN	1.8	2.0	6.6	4.7	6.7	6.7	10.3	12.8	15.7	20.1	25.4	21.8	16.9	23	25.4													
12	23.7	22.5	18.1	16.4	16.4	13.3	16.9	14.5	15.7	AN	AN	AZ	AZ	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	9	23.7												
13	AN	AN	AN	AN	AN	AN	AN	AN	AN	5.8	3.2	6.4	5.9	4.7	4.7	6.2	4.7	4.5	7.4	6.4	5.2	5.5	8.1	7.1	15	8.1													
14	5.7	7.9	5.2	4.2	3.7	6.9	8.1	6.6	4.2	7.6	4.7	4.0	4.0	3.2	3.7	2.8	3.2	6.9	12.3	12.3	13.0	14.7	22.0	15.9	24	22.0													
15	27.0	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	11.3	14.9	17.2	18.2	AN	16.9	21.8	7	27.0													
16	19.8	26.7	21.0	25.7	19.4	19.4	29.3	28.9	6	25.9	17.4	16.7	9.6	AN	AN	11.5	12.5	13.0	19.8	18.6	16.9	23.5	27.0	19.3	21	29.3													
17	21.5	23.0	19.1	22.3	24.4	24.2	22.0	24.2	22.8	18.4	18.6	12.3	9.3	14.5	13.0	16.7	10.1	13.3	10.6	14.7	22.5	22.8	19.1	21.3	24	24.4													
18	21.3	12.5	13.3	12.3	14.5	11.5	8.1	10.8	11.3	6.7	6.4	5.7	5.0	4.7	4.5	6.7	6.7	5.2	10.3	8.6	6.7	5.5	3.0	1.9	24	21.3													
19	.0	-2.0	-2.9	-3.4	2.3	.9	-.5	2.1	2.3	1.1	1.1	2.8	6.4	5.0	6.4	6.0	5.7	5.7	6.7	5.0	5.4	4.5	8.1	5.7	24	8.1													
20	5.2	4.2	12.5	10.3	8.6	8.1	6.6	5.0	3.9	5.9	5.0	2.7	.9	1.8	1.8	5.9	6.2	4.4	10.8	13.8	17.4	14.5	22.3	14.7	24	22.3													
21	17.1	17.4	10.0	6	11.0	6	10.1	6	11.5	6	9.3	6	12.2	6	13.0	8.3	3.5	1.8	4.0	4.0	4.2	3.0	7.4	5.4	5.0	6.6	9.3	15.7	9.3	10.3	24	17.4							
22	10.8	9.6	12.5	12.8	11.1	15.4	11.8	7.6	7.4	3.0	4.0	6.2	4.5	2.5	.9	2.7	5.2	4.2	5.0	6.2	6	3.5	6	5.9	6	6.4	6	10.3	6	24	15.4								
23	11.0	6	11.3	6	10.3	6	7.9	6	7.6	6	11.3	6	10.3	6	AN	7.9	6	8.6	AX	BC	BC	BC	6.9	8.1	7.2	5.0	21.0	18.4	16.4	18.1	7.6	12.0	19	21.0					
24	12.8	18.6	14.9	16.1	22.5	18.6	19.8	23.2	25.4	21.7	17.2	5.5	5.4	4.2	2.5	3.2	4.0	10.3	20.6	19.3	18.1	22.3	22.3	21.3	24	25.4													
25	15.7	21.3	22.5	20.1	19.6	19.4	20.1	21.8	26.2	21.8	10.8	7.6	6.2	4.2	4.7	5.5	6.7	7.9	7.6	11.3	13.8	20.3	16.2	22.5	24	26.2													
26	17.2	17.4	14.9	19.6	15.4	22.8	21.5	22.0	13.3	8.6	8.1	6.6	5.7	4.2	2.5	2.8	5.5	5.0	12.3	15.4	17.9	14.0	16.2	14.9	24	22.8													
27	14.0	10.1	13.3	14.5	16.2	13.0	10.8	16.4	14.3	11.8	8.6	5.7	4.0	2.8	1.1	2.3	5.5	9.3	6.2	16.2	20.1	27.7	24.5	19.1	24	27.7													
28	23.2	22.3	25.7	22.8	19.6	27.0	21.8	23.8	24.2	16.7	9.6	7.9	6.9	8.4	8.4	9.8	7.4	14.0	14.0	21.5	21.5	25.7	22.8	22.3	24	27.0													
29	24.0	24.0	23.3	21.5	27.2	21.5	26.4	23.7	28.0	22.3	20.1	17.7	10.3	8.6	8.1	7.1	7.9	10.8	17.9	14.9	14.5	15.4	12.5	11.1	24	28.0													
30	7.9	7.4	12.0	11.1	6.4	2.3	2.5	2.0	3.0	2.5	2.3	3.0	2.3	4.2	2.7	2.0	1.8	2.8	4.7	3.7	7.6	6.7	5.5	3.5	24	12.0													
31																										0													
NO.:	29	27	27	27	27	27	27	26	28	28	25	26	26	26	27	28	28	29	29	29	29	29	28	29	29														
MAX:	27.0	26.7	25.7	25.7	27.2	27.0	29.3	28.9	28.0	22.3	22.5	23.0	25.2	21.3	23.7	16.7	21.5	14.5	22.8	23.2	22.5	27.7	27.0	22.5															
AVG:	14.50	13.98	13.90	13.77	13.80	13.74	13.55	14.40	13.61	10.89	9.26	7.52	6.94	7.16	6.57	7.16	7.31	7.97	11.23	12.13	13.13	14.79	14.01	13.24															

MONTHLY OBSERVATIONS: 661 MONTHLY MEAN: 11.47 MONTHLY MAX: 29.3

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-057-0002 POC: 3
 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:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2015

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	2.8	5.9	4.2	1.8	3.0	5.2	3.5	7.4	8.4	6.4	6.4	5.0	8.6	6.4	5.2	4.2	4.5	5.5	9.6	6.4	5.4	7.4	5.2	7.6	24	9.6			
2	7.4	3.7	4.0	7.4	5.5	5.5	3.8	7.6	7.1	10.3	7.6	6.9	9.3	6.9	9.8	7.6	4.5	1.4	9.8	6.7	8.9	5.7	5.5	7.4	24	10.3			
3	4.5	3.2	8.1	6.2	10.1	6.2	2.0	4.2	6.4	5.0	3.2	3.0	3.5	5.0	4.0	3.7	4.7	5.7	5.4	6.6	5.9	6.2	13.3	12.3	24	13.3			
4	8.1	7.1	6.2	7.4	6.7	11.8	13.0	14.4	6	15.9	12.3	11.0	5.2	6.7	5.2	7.2	5.9	8.1	22.3	19.4	24.0	27.9	26.2	28.4	24	28.4			
5	22.3	26.4	26.2	23.0	20.1	19.8	6	17.7	6	19.4	6	16.2	13.0	10.8	11.6	10.6	11.8	9.1	6.4	7.2	9.1	18.1	24.7	20.1	44.8	24	44.8		
6	44.6	24.5	21.0	26.7	22.8	25.4	20.3	24.0	19.1	21.5	13.3	11.6	11.8	7.9	5.5	9.4	11.8	10.6	13.8	14.4	19.6	20.6	26.2	23.0	24	44.6			
7	27.0	27.6	19.6	25.4	16.9	27.0	23.7	25.9	19.6	14.9	15.4	AX	BA	BA	BA	8.1	4.7	9.6	8.1	7.6	13.7	12.8	9.3	12.0	20	27.6			
8	14.9	15.9	16.1	17.2	16.4	16.2	28.3	42.6	24.9	15.4	6.9	9.8	5.7	4.2	10.1	14.0	11.8	12.8	11.3	14.9	11.3	8.6	13.2	12.8	24	42.6			
9	17.6	10.5	16.2	18.4	15.7	19.3	14.4	11.8	16.1	14.7	19.1	18.1	10.1	14.5	9.6	8.1	9.8	10.6	12.8	13.1	15.9	16.7	25.4	21.0	24	25.4			
10	19.1	16.2	25.7	26.2	22.3	24.5	25.7	29.4	31.3	24.0	16.2	18.6	15.9	14.9	18.1	15.6	13.8	18.1	16.4	12.5	15.9	16.7	15.7	17.2	24	31.3			
11	15.4	12.0	20.8	17.2	15.2	20.5	18.6	12.8	21.0	21.8	18.9	16.2	18.4	16.7	7.9	11.1	12.1	10.8	15.9	15.2	19.6	19.1	18.6	17.2	24	21.8			
12	14.2	14.2	12.0	16.4	18.1	9.6	11.3	9.3	14.2	13.7	14.3	13.8	13.8	10.3	9.6	8.9	11.5	19.8	18.1	22.8	23.7	19.8	27.0	32.1	24	32.1			
13	25.7	27.0	29.3	26.2	27.9	27.7	26.4	21.8	23.5	17.6	13.0	12.5	13.8	10.1	9.1	8.1	12.3	8.8	8.1	11.0	10.3	9.8	14.0	7.9	24	29.3			
14	8.1	7.6	7.6	6.2	1.1	-2.0	1.1	1.6	1.6	.1	-1.5	-.3	.0	-.3	.0	-1.0	-.8	1.6	3.2	1.9	5.5	5.2	3.0	3.2	24	8.1			
15	1.8	1.8	5.4	4.7	2.2	1.6	8.1	9.3	6.9	5.5	3.0	3.2	2.8	-.3	.4	1.6	3.9	5.9	9.8	9.3	14.0	12.7	11.8	12.7	24	14.0			
16	18.1	16.6	14.2	15.1	19.1	10.5	10.0	9.1	8.6	7.1	4.4	4.0	2.7	1.4	1.8	2.0	7.6	6.1	10.5	9.3	10.3	10.8	11.8	9.1	24	19.1			
17	9.1	8.8	9.1	13.7	15.4	8.6	9.8	12.5	12.0	9.1	6.6	4.9	4.2	2.2	3.2	4.2	6.6	6.2	6.4	4.0	5.4	2.7	11.5	10.8	24	15.4			
18	9.1	6.1	8.1	6.2	4.7	11.5	10.3	9.6	12.2	6.6	3.0	5.2	2.7	.0	2.5	5.9	6.4	4.4	5.2	4.2	4.9	7.8	5.7	7.4	6	24	12.2		
19	6.6	4.7	3.0	5.7	7.6	8.8	6	20.0	6	13.0	8.1	6.9	4.4	1.5	1.5	1.8	.4	3.7	5.7	7.1	8.8	12.3	18.9	19.8	24	20.0			
20	22.5	23.5	25.7	21.8	27.6	6	24.9	6	27.4	6	22.5	23.2	16.4	7.8	7.1	7.1	5.7	5.2	6.1	5.9	9.6	9.1	9.1	15.7	12.2	13.7	11.8	24	27.6
21	14.0	12.0	15.9	12.5	11.3	13.7	11.8	16.9	6.9	9.1	AX	BA	BA	8.6	9.8	8.1	13.3	16.7	13.3	17.9	19.6	15.2	18.9	17.4	21	19.6			
22	21.5	19.6	20.5	18.9	15.4	16.7	21.3	16.4	10.1	7.7	16.2	16.7	10.6	16.9	18.9	16.9	8.1	11.3	12.8	18.1	14.5	10.6	9.1	7.2	24	21.5			
23	5.2	3.2	1.1	4.0	.7	-1.9	.4	-.3	-.7	-1.0	.1	-1.5	-2.2	3.5	2.5	2.5	4.5	1.1	.6	1.9	2.0	.9	-2.4	-2.7	24	5.2			
24	.1	-.5	-1.2	1.6	5.7	3.5	6.2	5.7	2.5	9.1	6.2	.6	2.8	4.0	1.6	3.0	5.2	8.6	6.9	6.7	6.7	4.7	4.2	6.7	24	9.1			
25	5.2	3.3	1.9	.1	-1.2	.9	1.1	-.2	.6	.6	-1.0	-1.3	1.1	2.3	3.3	5.9	11.1	6.9	3.2	1.4	4.0	5.0	11.3	7.1	24	11.3			
26	3.0	2.1	2.4	3.2	3.7	2.8	1.9	1.6	3.3	3.7	2.8	3.3	2.1	.4	2.1	6.2	5.3	5.0	6.9	10.8	7.2	5.9	4.0	4.2	24	10.8			
27	4.0	2.5	2.3	3.5	1.9	1.4	-.5	-2.0	1.1	3.3	2.4	1.1	.9	-1.0	-1.2	.1	3.3	3.2	3.7	2.6	.4	.4	.4	1.8	24	4.0			
28	2.3	.6	-.3	.4	4.5	4.2	10.1	6.6	2.3	.4	.6	1.1	3.5	2.7	-.3	-1.5	.9	4.2	3.5	1.1	-.5	1.1	1.1	-1.5	24	10.1			
29	-1.0	1.1	2.0	4.4	3.9	2.5	5.2	4.0	1.8	3.4	4.7	9.8	7.8	16.4	7.9	6.9	6.7	5.2	4.7	3.7	7.8	7.2	6.9	8.1	24	16.4			
30	13.0	9.8	6.9	15.9	9.3	9.6	9.3	10.1	9.8	6.4	2.0	1.6	2.2	-1.5	-1.3	1.6	-.5	-2.2	.4	.3	-1.0	.1	2.0	4.7	24	15.9			
31	3.0	1.1	1.1	.1	3.5	4.2	4.2	7.4	5.2	6.2	7.6	5.5	2.5	2.2	6.0	6.6	4.5	4.7	9.1	10.8	12.0	9.1	11.1	10.3	24	12.0			
NO.:	31	31	31	31	31	31	31	31	31	31	30	29	29	30	30	31	31	31	31	31	31	31	31	31	31				
MAX:	44.6	27.6	29.3	26.7	27.9	27.7	28.3	42.6	31.3	24.0	19.1	18.6	18.4	16.9	18.9	16.9	13.8	19.8	22.3	24.7	24.0	44.8	42.6	43.6					
AVG:	11.91	10.26	10.81	11.53	10.87	10.97	11.82	12.08	10.94	9.39	7.51	6.79	6.17	6.01	5.53	6.17	6.85	7.63	9.28	9.70	11.02	11.21	12.43	12.26					

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: 9.58 MONTHLY MAX: 44.8

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2015

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			AN					9.2				
2		3.5 6				5.0	15.2				2.2 6	3.1 6
3	8.0 6			7.0	5.6				10.2	SA		
4			6.5 1					4.4				
5		7.5 1				3.7	10.9				4.7 6	11.2 6
6	AV			5.3	4.1				3.9	SA		
7			7.2 1					5.2				
8		6.6 1				5.6	12.8			7.9	5.0 6	13.2
9	6.7 6			5.5	6.7				4.3	6.9		
10			5.4 1					5.6				
11		12.9 1				6.0	14.0				4.5 6	12.0
12	AV			5.9	11.0				8.2	5.6		
13			3.0 1					7.1				
14	7.1 6	6.8 1				10.6	10.1				TS	2.6
15	7.9 6			3.3	7.4				7.2	7.0		
16			6.0 1					9.5				
17		AV				AV	7.4				TS	3.7
18	5.2 6			5.1	7.2				5.3	AQ		
19			9.2 1					5.4				
20		8.3 1				8.5	11.0				BJ	4.1
21	16.5 6			5.2	8.2				7.3	4.9 6		
22			7.7 1					8.8				
23		12.7 1				12.7	7.5				BJ	2.2
24	2.5 6			5.3	9.2				2.8	5.3 6		
25			5.4 1					8.7				
26		AN				12.7	7.0				3.4 6	2.9
27	7.1 6			6.0	5.6				2.3	3.1 6	3.6 6	
28			5.2 1					7.9				
29						7.5	5.7				8.4 6	3.2
30	4.2 6			4.2	5.1				4.4	7.0 6	4.8 6	
31			7.4 1					5.7				
NO.:	9	7	10	10	10	9	10	11	10	8	8	10
MAX:	16.5	12.9	9.2	7.0	11.0	12.7	15.2	9.5	10.2	7.9	8.4	13.2
MEAN:	7.24	8.33	6.30	5.28	7.01	8.03	10.16	7.05	5.59	5.96	4.58	5.82
ANNUAL OBSERVATIONS:		112		ANNUAL MEAN:	6.78		ANNUAL MAX:	16.5				

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

May. 30, 2018

(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: 36.0329550009
 LONGITUDE: -78.904037
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 118
 PROBE HEIGHT: 3

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

REPORT FOR: 2015

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			8.6					8.0				
2		3.7 6				7.0	19.8				6.7	4.8
3	AN			8.0	8.5				13.5	SA		
4			AN					8.7				
5		6.8 6				3.9	7.5				11.6	11.8
6	AN			7.0	11.6				4.9	4.1		
7			AJ					10.0				
8		9.9 6				10.0	11.2				5.7	9.0
9	AN			8.8	5.7				6.3	9.1		
10			9.0					8.1		5.6		
11		5.7	7.1			9.9	8.5				5.0	15.5
12	AN			8.7	13.0				9.2	6.2		
13			4.0					9.3				
14		7.0				10.1	4.7				5.7	4.2
15	10.2 6			4.1	10.5				7.2	2.7		
16	7.8 6		4.6					12.7				
17		7.9 V				8.2	9.5				11.0	5.8
18	8.4 6			8.4	BE				8.9	5.2		
19	5.1 6		8.1		7.9			AJ				
20		8.2 V			7.2	8.7	11.1				5.8	7.6
21	10.6 6			AG	9.3				6.0	4.1		
22			10.7 V		6.0			7.5				
23		11.9				13.9	10.7				5.1	2.2
24	AI			5.8	9.4				3.9	8.8		
25			7.1		8.3			8.8				
26		10.8				10.8	13.8				9.5	5.4
27	AN			5.5	6.3				3.0	3.1		
28	6.7 6		4.9		7.6			9.9				
29			4.9		AL	7.1	7.7				10.5	2.9
30	5.9 6			6.1	6.2				4.7	6.3		
31			5.2					7.4				
NO.:	7	9	11	9	14	10	10	10	10	10	10	10
MAX:	10.6	11.9	10.7	8.8	13.0	13.9	19.8	12.7	13.5	9.1	11.6	15.5
MEAN:	7.81	7.99	6.75	6.93	8.39	8.96	10.45	9.04	6.76	5.52	7.66	6.92
ANNUAL OBSERVATIONS:		120		ANNUAL MEAN:	7.78	ANNUAL MAX:	19.8					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-063-0015 POC: 3
 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: 36.0329550009
 LONGITUDE: -78.904037
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 118
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VIS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2015

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	
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22																											0	
23																											0	
24																											0	
25																											0	
26																											0	
27																											0	
28																											0	
29									BC	BC	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
30	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
31	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	

NO. :
 MAX :
 AVG :

MONTHLY OBSERVATIONS: 0 MONTHLY MEAN: MONTHLY MAX:

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-063-0015 POC: 3
 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: 36.0329550009
 LONGITUDE: -78.904037
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 118
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2015

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	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
2	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	BA	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
3	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	BA	BK	BA	BA	BA	BA	2.0	3.0	5.0	6.0	5.0	4.0	8.0	5.0	5.0	8	8.0
4	2.0	3.0	2.0	3.0	2.0	6.0	4.0	3.0	5.0	3.0	2.0	3.0	3.0	.0	3.0	4.0	6.0	4.0	4.0	5.0	4.0	5.0	5.0	5.0	2.0	24	6.0
5	2.0	3.0	3.0	2.0	3.0	4.0	4.0	4.0	4.0	3.0	5.0	6.0	5.0	6.0	9.0	9.0	8.0	6.0	4.0	6.0	8.0	8.0	8.0	8.0	13.0	24	13.0
6	10.0	12.0	8.0	8.0	11.0	9.0	9.0	11.0	7.0	10.0	10.0	12.0	16.0	11.0	9.0	7.0	6.0	10.0	11.0	13.0	14.0	13.0	13.0	11.0	24	16.0	
7	12.0	12.0	7.0	9.0	8.0	16.0	13.0	12.0	11.0	9.0	5.0	7.0	5.0	7.0	7.0	8.0	10.0	9.0	8.0	11.0	10.0	10.0	10.0	13.0	24	16.0	
8	11.0	8.0	9.0	9.0	7.0	12.0	9.0	7.0	8.0	12.0	10.0	8.0	12.0	12.0	13.0	15.0	14.0	16.0	12.0	12.0	19.0	17.0	32.0	24	32.0		
9	22.0	16.0	11.0	10.0	8.0	5.0	6.0	7.0	6.0	7.0	10.0	11.0	9.0	8.0	10.0	7.0	9.0	11.0	13.0	15.0	15.0	19.0	16.0	15.0	24	22.0	
10	10.0	10.0	9.0	7.0	9.0	9.0	11.0	10.0	10.0	12.0	18.0	15.0	AX	AX	16.0	17.0	10.0	12.0	17.0	12.0	11.0	16.0	13.0	21.0	22	21.0	
11	10.0	16.0	17.0	15.0	15.0	12.0	16.0	14.0	16.0	14.0	17.0	12.0	8.0	9.0	10.0	7.0	6.0	7.0	12.0	12.0	13.0	16.0	13.0	13.0	24	17.0	
12	11.0	14.0	13.0	9.0	11.0	10.0	14.0	13.0	11.0	7.0	5.0	10.0	10.0	10.0	11.0	8.0	7.0	11.0	13.0	9.0	12.0	9.0	11.0	13.0	24	14.0	
13	12.0	10.0	9.0	6.0	11.0	13.0	12.0	9.0	10.0	9.0	10.0	8.0	7.0	7.0	9.0	10.0	7.0	6.0	8.0	6.0	11.0	8.0	12.0	12.0	24	13.0	
14	11.0	11.0	8.0	7.0	5.0	5.0	5.0	7.0	11.0	7.0	11.0	13.0	13.0	16.0	17.0	16.0	14.0	17.0	15.0	14.0	21.0	21.0	18.0	15.0	24	21.0	
15	20.0	15.0	18.0	20.0	15.0	17.0	16.0	18.0	12.0	16.0	10.0	10.0	10.0	8.0	11.0	12.0	13.0	9.0	10.0	11.0	12.0	13.0	14.0	14.0	24	20.0	
16	16.0	15.0	15.0	20.0	19.0	16.0	11.0	14.0	17.0	17.0	16.0	14.0	13.0	15.0	16.0	8.0	19.0	15.0	14.0	18.0	20.0	17.0	9.0	8.0	24	20.0	
17	12.0	10.0	5.0	5.0	12.0	11.0	10.0	10.0	9.0	7.0	9.0	8.0	6.0	5.0	3.0	2.0	7.0	5.0	5.0	9.0	9.0	9.0	11.0	11.0	24	12.0	
18	9.0	6.0	7.0	10.0	7.0	4.0	5.0	6.0	13.0	9.0	8.0	15.0	13.0	15.0	14.0	13.0	12.0	18.0	16.0	17.0	16.0	11.0	8.0	7.0	24	18.0	
19	4.0	3.0	5.0	4.0	5.0	6.0	9.0	10.0	7.0	13.0	11.0	11.0	12.0	10.0	10.0	14.0	10.0	11.0	10.0	14.0	12.0	11.0	9.0	10.0	24	14.0	
20	9.0	9.0	15.0	9.0	10.0	8.0	8.0	11.0	10.0	12.0	15.0	13.0	16.0	11.0	7.0	6.0	8.0	7.0	9.0	13.0	8.0	6.0	10.0	10.0	24	16.0	
21	10.0	10.0	9.0	14.0	11.0	9.0	10.0	8.0	9.0	8.0	10.0	10.0	11.0	11.0	7.0	6.0	9.0	7.0	7.0	8.0	10.0	13.0	11.0	9.0	24	14.0	
22	9.0	9.0	6.0	5.0	8.0	12.0	10.0	9.0	9.0	7.0	8.0	7.0	7.0	10.0	14.0	12.0	11.0	9.0	17.0	23.0	15.0	13.0	18.0	18.0	24	23.0	
23	20.0	21.0	18.0	16.0	16.0	12.0	16.0	15.0	19.0	17.0	18.0	20.0	19.0	18.0	21.0	18.0	14.0	15.0	15.0	23.0	16.0	13.0	15.0	15.0	24	23.0	
24	15.0	14.0	12.0	15.0	18.0	17.0	14.0	18.0	14.0	20.0	12.0	11.0	9.0	13.0	17.0	13.0	16.0	11.0	9.0	11.0	13.0	12.0	14.0	16.0	24	20.0	
25	13.0	16.0	13.0	14.0	14.0	15.0	18.0	14.0	8.0	6.0	6.0	AX	AX	14.0	18.0	16.0	21.0	16.0	12.0	9.0	15.0	14.0	19.0	18.0	22	21.0	
26	10.0	11.0	15.0	13.0	13.0	17.0	16.0	10.0	16.0	21.0	20.0	13.0	17.0	17.0	13.0	8.0	5.0	5.0	12.0	12.0	12.0	10.0	8.0	11.0	24	21.0	
27	6.0	5.0	9.0	8.0	7.0	7.0	6.0	4.0	3.0	6.0	9.0	11.0	12.0	14.0	11.0	7.0	4.0	3.0	6.0	6.0	5.0	1.0	1.0	2.0	24	14.0	
28	4.0	6.0	5.0	5.0	6.0	8.0	12.0	6.0	5.0	5.0	4.0	4.0	4.0	5.0	6.0	5.0	6.0	5.0	6.0	7.0	9.0	10.0	13.0	11.0	24	13.0	
29	11.0	7.0	10.0	10.0	7.0	7.0	9.0	12.0	10.0	6.0	7.0	5.0	9.0	7.0	5.0	5.0	6.0	8.0	5.0	10.0	10.0	13.0	14.0	15.0	24	15.0	
30	18.0	15.0	19.0	16.0	16.0	10.0	16.0	15.0	13.0	19.0	16.0	16.0	13.0	16.0	12.0	9.0	12.0	12.0	16.0	14.0	12.0	10.0	13.0	13.0	24	19.0	
31																										0	
NO.:	27	27	27	27	27	27	27	27	27	27	27	26	25	26	27	27	28	28	28	28	28	28	28	28	28		
MAX:	22.0	21.0	19.0	20.0	19.0	17.0	18.0	18.0	19.0	21.0	20.0	20.0	19.0	18.0	21.0	18.0	21.0	18.0	17.0	23.0	21.0	21.0	19.0	32.0			
AVG:	11.07	10.63	10.26	9.96	10.15	10.26	10.70	10.26	10.11	10.44	10.44	10.50	10.36	10.58	11.04	9.63	9.75	9.50	10.54	11.64	11.79	11.57	11.82	12.61			

MONTHLY OBSERVATIONS: 652 MONTHLY MEAN: 10.66 MONTHLY MAX: 32.0

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-063-0015 POC: 3
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: 36.0329550009
LONGITUDE: -78.904037
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 118
PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SFM
COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2015

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	10.0	12.0	11.0	12.0	16.0	10.0	19.0	14.0	19.0	19.0	17.0	19.0	21.0	21.0	23.0	29.0	28.0	27.0	33.0	24.0	29.0	29.0	29.0	29.0	24	33.0						
2	31.0	31.0	30.0	29.0	33.0	33.0	32.0	28.0	32.0	32.0	31.0	25.0	27.0	20.0	22.0	19.0	13.0	14.0	17.0	17.0	14.0	18.0	20.0	19.0	24	33.0						
3	19.0	15.0	18.0	16.0	17.0	20.0	17.0	22.0	26.0	22.0	19.0	16.0	17.0	16.0	11.0	9.0	6.0	7.0	9.0	10.0	10.0	10.0	10.0	9.0	24	26.0						
4	7.0	4.0	4.0	4.0	3.0	4.0	4.0	6.0	5.0	6.0	11.0	11.0	12.0	11.0	10.0	9.0	6.0	10.0	9.0	10.0	11.0	19.0	23.0	21.0	24	23.0						
5	15.0	12.0	9.0	9.0	6.0	7.0	7.0	11.0	12.0	18.0	17.0	15.0	9.0	13.0	23.0	16.0	16.0	14.0	13.0	9.0	14.0	8.0	3.0	2.0	24	23.0						
6	1.0	3.0	3.0	4.0	2.0	5.0	6.0	9.0	9.0	16.0	8.0	7.0	10.0	11.0	10.0	11.0	13.0	17.0	16.0	14.0	12.0	11.0	9.0	9.0	24	17.0						
7	14.0	11.0	7.0	8.0	9.0	8.0	13.0	13.0	14.0	13.0	14.0	17.0	25.0	20.0	21.0	16.0	15.0	10.0	9.0	17.0	14.0	14.0	12.0	11.0	24	25.0						
8	15.0	10.0	14.0	14.0	20.0	15.0	14.0	11.0	16.0	16.0	16.0	19.0	18.0	18.0	19.0	18.0	19.0	19.0	24.0	23.0	21.0	16.0	12.0	12.0	24	24.0						
9	11.0	10.0	13.0	11.0	15.0	12.0	16.0	15.0	15.0	15.0	15.0	16.0	20.0	18.0	21.0	19.0	21.0	22.0	20.0	24.0	27.0	25.0	28.0	25.0	24	28.0						
10	27.0	31.0	25.0	31.0	22.0	21.0	6	14.0	6	21.0	6	20.0	6	20.0	6	22.0	6	19.0	6	18.0	6	17.0	6	19.0	6	24	31.0					
11	15.0	6	15.0	6	15.0	6	16.0	6	18.0	6	18.0	6	17.0	6	19.0	6	16.0	6	15.0	6	17.0	6	13.0	6	13.0	6	24	19.0				
12	7.0	6	10.0	6	8.0	6	11.0	6	10.0	6	14.0	6	12.0	6	14.0	6	15.0	6	9.0	6	15.0	6	12.0	6	12.0	6	24	18.0				
13	18.0	6	16.0	6	14.0	6	15.0	6	15.0	6	18.0	6	11.0	6	14.0	6	15.0	6	11.0	6	10.0	6	15.0	6	15.0	6	24	20.0				
14	8.0	6	8.0	6	5.0	6	7.0	6	9.0	6	6.0	6	5.0	6	8.0	6	10.0	6	11.0	6	9.0	6	16.0	6	13.0	6	24	16.0				
15	9.0	6	11.0	6	9.0	6	16.0	6	10.0	6	14.0	6	12.0	6	10.0	6	6.0	6	4.0	6	6.0	6	7.0	6	5.0	6	24	16.0				
16	13.0	8.0	9.0	10.0	10.0	8.0	13.0	13.0	11.0	7.0	AX	AX	AX	AX	1.0	8.0	5.0	6.0	10.0	9.0	10.0	8.0	8.0	8.0	20	13.0						
17	5.0	5.0	7.0	12.0	6	6.0	6	9.0	6	7.0	7.0	8.0	6.0	6.0	10.0	11.0	12.0	9.0	6.0	7.0	14.0	11.0	11.0	7.0	24	14.0						
18	9.0	8.0	7.0	6.0	8.0	6.0	5.0	6.0	7.0	6.0	4.0	3.0	6.0	6.0	3.0	.0	-1.0	.0	3.0	3.0	3.0	3.0	10.0	7.0	24	10.0						
19	8.0	8.0	8.0	6.0	7.0	7.0	8.0	5.0	4.0	5.0	6.0	9.0	7.0	9.0	7.0	7.0	4.0	.0	1.0	2.0	2.0	6.0	5.0	6.0	24	9.0						
20	5.0	4.0	4.0	8.0	7.0	6.0	9.0	6.0	8.0	7.0	BK	BK	BK	3.0	6.0	4.0	12.0	9.0	8.0	9.0	8.0	9.0	9.0	7.0	21	12.0						
21	4.0	5.0	5.0	5.0	6.0	6.0	7.0	6.0	6.0	9.0	6.0	7.0	6.1	4.2	4.5	9.8	9.0	5.1	3.7	1.7	1.4	5.1	4.7	8.5	24	9.8						
22	7.0	4.5	2.0	6.0	6.0	5.5	6.9	9.4	7.1	7.2	5.6	3.9	8.0	12.9	9.0	11.4	9.2	9.0	10.7	11.6	13.3	7.1	10.7	11.3	24	13.3						
23	11.9	13.2	12.3	16.7	15.8	12.6	12.9	11.6	7.9	10.7	10.4	6.7	6.1	4.5	7.7	12.0	10.0	11.2	11.7	7.0	4.7	6.9	8.7	5.8	24	16.7						
24	8.7	6.0	7.5	9.7	12.4	11.7	9.0	13.6	11.2	11.2	13.7	17.3	12.2	17.6	13.6	13.4	14.6	17.3	17.3	20.4	21.9	20.7	25.4	6	21.2	6	24	25.4				
25	24.4	6	22.9	6	23.4	6	15.5	6	19.7	6	17.1	18.7	20.2	16.6	13.4	16.1	14.6	14.1	13.1	13.9	15.1	14.1	18.0	18.0	15.0	15.4	22.2	22.1	21.4	6	24	24.4
26	20.9	6	19.7	6	21.8	6	22.0	6	15.6	6	14.4	6	16.9	17.1	11.2	15.4	12.4	13.1	10.7	14.1	13.6	11.0	13.9	15.6	15.6	17.0	17.0	13.7	13.9	15.3	24	22.0
27	11.0	6	12.6	6	9.1	6	11.2	6	9.4	6	9.7	13.4	10.5	6.5	4.9	4.2	5.8	6.5	10.2	8.0	9.0	11.9	12.2	11.2	11.7	9.8	11.5	8.7	7.8	24	13.4	
28	7.7	5.3	6.7	7.8	9.0	10.5	10.2	7.3	6.3	8.2	5.4	4.7	AX	AX	AX	AX	AX	AS	AS	AS	AS	AS	AS	AS	AS	12	10.5					
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.:	28	28	28	28	28	28	28	28	28	28	26	26	25	26	27	27	27	27	27	27	27	27	27	27	27							
MAX:	31.0	31.0	30.0	31.0	33.0	33.0	32.0	28.0	32.0	32.0	31.0	25.0	27.0	21.0	23.0	29.0	28.0	27.0	33.0	24.0	29.0	29.0	29.0	30.0	29.0							
AVG:	12.24	11.47	10.99	12.10	12.03	11.73	12.00	12.35	12.14	12.18	12.18	12.20	12.79	12.02	12.34	12.80	12.54	12.09	12.49	12.87	13.35	13.38	13.82	12.34								

MONTHLY OBSERVATIONS: 653 MONTHLY MEAN: 12.35 MONTHLY MAX: 33.0

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-063-0015 POC: 3
 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: 36.0329550009
 LONGITUDE: -78.904037
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 118
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2015

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	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					
2	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					
3	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					
4	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					
5	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					
6	AS	AS	AS	AS	AS	AS	AS	AS	AZ	AZ	7.6	12.7	7.6	13.7	6	9.8	4.7	3.5	5.6	5.9	5.9	2.7	3.0	6.1	6.3	14	13.7				
7	4.7	3.8	4.7	4.7	1.8	1.0	.3	-1.1	.1	5.2	8.1	11.0	17.8	10.0	11.7	8.8	11.0	10.5	6.1	7.3	8.6	5.6	4.7	5.2	24	17.8					
8	9.8	5.8	3.5	4.7	8.0	6.6	5.6	5.0	4.0	5.4	7.3	5.4	3.3	4.5	3.3	1.3	2.3	2.8	2.3	2.5	3.8	6.1	7.6	6.8	24	9.8					
9	7.1	5.0	4.7	3.7	3.0	3.2	4.7	6.6	3.3	-4	1.1	4.3	3.5	3.5	6.1	4.5	4.3	5.2	6.6	6.8	10.3	12.5	9.8	8.3	24	12.5					
10	10.0	8.6	7.3	5.8	6.1	4.7	5.9	5.8	3.5	2.5	7.6	6.8	7.8	11.5	8.3	12.0	9.8	11.0	11.7	9.5	11.8	14.2	10.3	8.1	24	14.2					
11	7.6	10.5	7.8	8.6	9.8	7.1	5.6	10.8	7.8	8.6	5.0	3.7	4.0	3.3	1.1	-2	3.5	6.6	4.7	2.5	2.8	4.0	2.3	3.7	24	10.8					
12	5.9	4.7	5.0	4.0	5.0	9.5	9.8	7.8	4.5	11.3	10.5	7.8	7.1	5.2	6.6	7.8	10.5	8.6	14.7	16.2	17.1	16.2	13.5	13.2	24	17.1					
13	12.2	16.4	9.5	10.5	14.6	11.2	9.5	6.8	7.7	AX	AX	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	9	16.4				
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	AX	AX	4.2	7.8	7.3	4.5	5.6	6.3	7.3	8.8	9.0	11.0	12.2	10.8	13.2	13	13.2					
26	10.5	6.1	6.6	7.1	6.3	4.0	5.4	8.5	7.1	6.1	4.0	3.5	6.8	10.0	13.0	12.7	11.5	13.9	10.8	12.7	11.0	15.7	10.8	14.2	24	15.7					
27	8.3	7.5	10.0	9.3	11.5	11.2	12.7	10.3	9.3	7.3	6.6	5.4	5.0	10.8	9.5	10.5	11.0	10.8	11.3	14.2	9.3	10.8	12.7	14.4	24	14.4					
28	12.5	11.6	10.5	6	15.2	6	14.8	6	12.6	6	10.7	6	10.5	8.8	11.5	8.8	7.5	8.3	10.0	9.8	7.1	10.5	12.7	9.3	8.8	8.5	9.8	12.5	14.2	24	15.2
29	12.2	15.4	14.7	10.3	6	17.5	6	16.8	6	9.0	6	7.5	7.3	8.1	7.0	7.3	8.1	7.3	5.4	8.6	7.1	6.8	9.8	10.3	15.9	11.3	13.0	15.7	24	17.5	
30	12.8	13.2	13.5	14.4	16.9	14.9	13.0	13.0	9.5	12.0	14.2	9.8	9.3	13.0	11.3	12.5	11.5	11.3	11.8	11.0	14.5	16.2	15.7	13.5	24	16.9					
31	12.0	12.3	12.0	10.0	13.5	13.0	12.9	8.1	5.2	2.5	2.3	3.0	1.3	2.3	2.0	1.3	2.3	2.5	1.1	5.0	3.3	.1	3.3	3.7	24	13.5					
NO.:	13	13	13	13	13	13	13	13	13	12	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14						
MAX:	12.8	16.4	14.7	15.2	17.5	16.8	13.0	13.0	9.5	12.0	14.2	12.7	17.8	13.7	13.0	12.7	11.5	13.9	14.7	16.2	17.1	16.2	15.7	15.7							
AVG:	9.66	9.30	8.45	8.33	9.91	8.91	8.08	7.66	6.01	6.68	6.93	6.60	6.98	8.03	7.31	6.94	7.51	8.26	8.21	8.69	9.33	9.84	9.51	10.04							

MONTHLY OBSERVATIONS: 324 MONTHLY MEAN: 8.22 MONTHLY 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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-063-0015 POC: 3
 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: 36.0329550009
 LONGITUDE: -78.904037
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 118
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2015

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	2.3	4.7	6.1	6.1	5.2	5.6	8.8	6.1	3.5	5.8	4.7	5.4	6.8	6	5.9	8.3	7.3	12.0	11.3	10.0	15.9	9.5	16.9	11.8	11.3	24	16.9		
2	12.2	12.2	19.0	17.1	17.1	16.9	14.2	20.5	14.0	12.5	14.0	9.5	6	11.8	6	11.3	11.5	6	13.2	10.3	10.0	13.2	15.2	11.7	8.5	8.0	6.3	24	20.5
3	9.0	7.5	7.3	9.5	11.5	12.0	8.3	9.0	8.5	9.8	10.5	11.3	12.0	11.5	13.5	12.5	12.7	13.7	15.2	18.1	16.6	16.4	14.2	16.6	24	18.1			
4	16.4	18.3	16.8	16.4	18.6	16.4	18.3	19.5	16.8	21.5	21.1	18.1	6	20.8	13.7	18.6	12.2	12.0	13.7	10.5	15.2	16.8	13.0	15.2	17.8	24	21.5		
5	18.8	13.2	20.0	19.8	15.2	18.1	17.8	15.9	19.5	12.5	19.8	14.9	12.7	13.0	8.8	9.3	10.3	7.5	9.3	8.3	9.0	6.3	9.3	8.6	24	20.0			
6	8.3	6.3	9.0	7.0	5.2	4.5	6.1	4.7	1.5	.8	-.6	3.3	4.7	2.5	.0	-1.1	2.5	3.0	5.8	4.5	.3	3.0	4.7	7.3	24	9.0			
7	4.0	-.4	2.0	3.7	2.5	1.0	-1.2	-2.6	-.4	3.7	2.3	-.7	2.3	2.5	.3	1.6	3.3	3.0	6.3	5.6	6.1	4.7	8.3	4.7	24	8.3			
8	1.8	5.2	5.2	3.2	5.4	7.1	4.5	4.5	4.7	4.2	1.1	-.2	.6	-.2	3.2	3.0	.8	3.5	2.7	2.0	5.6	3.0	2.5	3.7	24	7.1			
9	3.0	3.2	3.7	6.8	7.8	5.4	7.0	6.1	7.0	8.3	6.3	5.0	4.5	1.5	2.8	7.0	9.3	5.6	5.0	4.7	7.1	6.5	4.7	6.6	24	9.3			
10	5.2	3.5	6.3	5.8	7.8	9.0	5.6	7.8	7.0	8.3	AX	AX	AX	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	10	9.0		
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	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	AS	0	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	AS	0	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	AS	0	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	AS	0	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	AS	0	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	AS	0	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	AS	0	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	AS	0	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	AS	0	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	AS	0	0	
22	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AK	AX	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	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	AS	0	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	AS	0	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	AS	0	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	AS	0	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	AS	0	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	AS	0	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	AS	0	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	AS	0	0	
31																											0		
NO.:	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	0		
MAX:	18.8	18.3	20.0	19.8	18.6	18.1	18.3	20.5	19.5	21.5	21.1	18.1	20.8	13.7	18.6	13.2	12.7	13.7	15.2	18.1	16.8	16.9	15.2	17.8	17.8	24	21.5		
AVG:	8.10	7.37	9.54	9.54	9.63	9.60	8.94	9.15	8.21	8.74	8.80	7.40	8.47	6.86	7.44	7.22	8.13	7.92	8.67	9.94	9.19	8.70	8.74	9.21	24	16.9			

MONTHLY OBSERVATIONS: 226 MONTHLY MEAN: 8.58 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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-063-0015 POC: 3
 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: 36.0329550009
 LONGITUDE: -78.904037
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 118
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2015

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	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	AX	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
2	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	
3	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	
4	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	
5	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	
6	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	BA	BA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
7	SA	SA	SA	SA	SA	SA	SA	SA	SA	BC	BC	8.3	5.7	4.4	4.4	2.7	4.2	7.6	12.3	9.0	12.6	12.8	9.4	8.8	13	12.8	
8	9.1	11.6	11.4	9.5	11.3	12.2	10.2	13.8	11.7	12.9	15.8	9.6	13.0	8.3	8.6	9.1	8.1	6.4	11.5	11.4	11.7	12.3	13.9	24	15.8		
9	16.4	13.3	18.3	13.4	17.1	16.6	14.7	16.0	12.3	8.3	7.3	10.0	8.6	4.7	4.0	6.1	5.0	8.6	7.8	10.1	9.3	11.2	15.1	7.6	24	18.3	
10	12.3	12.2	10.5	8.0	7.3	4.6	5.9	10.9	10.9	11.7	8.5	6.5	9.6	9.7	6.6	8.8	7.5	5.8	7.7	6.7	6.5	4.8	7.2	5.8	24	12.3	
11	6.9	6.7	4.8	6.3	7.1	11.4	8.5	7.6	6.5	8.7	7.3	5.5	6.5	5.5	6.8	5.1	3.4	5.3	10.5	11.2	11.4	9.7	9.2	12.0	24	12.0	
12	10.3	9.7	9.0	10.8	10.9	12.5	9.9	7.5	11.4	11.6	AX	AX	7.5	8.0	9.5	10.3	8.3	7.5	6.1	11.7	9.4	8.5	10.9	7.7	22	12.5	
13	10.1	8.0	9.7	10.0	11.4	10.0	8.6	11.8	7.7	10.7	9.0	10.0	8.0	8.9	6.7	7.2	10.7	17.1	13.8	12.9	15.8	13.4	16.0	13.6	24	17.1	
14	18.6	17.8	17.5	15.1	12.2	11.4	13.7	13.4	9.3	10.5	7.8	5.0	7.2	8.0	7.3	9.7	9.3	10.8	13.1	13.4	9.0	15.6	9.8	10.8	24	18.6	
15	10.0	9.1	11.0	11.8	10.6	13.9	9.9	10.0	8.6	6.1	4.7	6.7	7.6	5.4	5.4	5.9	7.8	7.9	11.8	16.5	16.8	21.5	13.5	24	21.5		
16	13.8	11.9	10.7	10.0	15.8	15.8	14.8	20.5	16.8	17.5	11.2	10.7	9.0	10.7	9.5	10.5	9.7	11.4	14.5	13.6	14.3	20.3	20.7	15.3	24	20.7	
17	13.3	13.1	11.7	9.7	11.5	10.2	7.0	4.6	7.8	9.3	9.5	5.4	6.5	5.9	6.1	6.8	5.3	5.6	9.5	14.1	9.0	7.3	8.3	9.5	24	14.1	
18	10.0	10.7	10.2	9.3	11.5	12.0	10.2	7.8	9.8	7.3	4.7	5.4	9.5	9.7	7.3	7.3	5.4	12.3	12.8	8.3	8.1	20.1	13.0	12.3	24	20.1	
19	12.3	14.4	11.7	12.5	10.8	11.3	11.8	9.3	12.0	6.6	5.9	8.8	5.6	5.7	5.2	3.5	8.6	9.8	11.8	11.3	13.7	14.0	14.9	16.4	24	16.4	
20	17.4	15.9	14.5	16.4	15.7	14.2	18.3	14.2	13.2	AX	AX	7.3	6.9	5.4	7.6	7.1	16.1	27.3	36.6	44.9	48.5	49.2	50.2	22	50.2		
21	52.9	51.6	51.2	50.2	44.6	44.9	42.5	43.0	41.3	31.2	13.7	12.3	12.0	9.3	7.1	12.0	14.2	16.1	16.9	16.9	18.4	17.6	17.1	19.6	24	52.9	
22	17.4	17.6	15.9	19.1	18.1	19.8	24.0	17.4	19.6	13.5	11.8	10.8	8.6	10.8	9.1	10.3	10.6	11.8	13.5	17.6	16.9	17.4	18.4	20.6	24	24.0	
23	19.1	14.9	14.2	15.9	20.3	19.9	17.4	17.4	14.7	14.4	18.4	14.4	17.2	16.9	14.7	17.9	18.4	21.6	21.8	20.4	26.8	25.8	26.3	20.6	24	26.8	
24	17.1	17.4	17.4	18.9	14.4	15.6	15.9	14.6	11.1	9.6	7.4	13.7	8.6	8.4	6.4	5.7	9.8	12.0	13.2	12.2	20.1	15.9	19.8	16.4	24	20.1	
25	18.2	13.5	14.4	14.9	12.0	13.7	13.7	14.4	18.9	10.6	12.0	8.3	12.1	12.8	15.2	17.4	14.0	16.9	13.5	13.0	8.4	8.9	9.1	7.6	24	18.9	
26	13.9	9.8	8.1	8.9	10.1	8.4	6.4	5.7	7.3	7.9	7.6	6.6	6.4	8.4	7.6	6.9	6.9	6.1	9.4	11.3	8.1	10.3	12.1	11.1	24	13.9	
27	10.8	9.6	9.3	11.6	12.7	8.9	6.9	8.4	8.9	7.4	6.6	7.4	9.3	8.1	7.8	6.9	5.0	5.4	6.9	5.9	4.5	3.3	2.7	3.2	24	12.7	
28	1.8	1.3	6.6	5.9	3.5	2.7	4.5	4.2	1.3	-4	2.8	2.3	.8	3.3	2.3	3.5	6.6	5.5	4.2	7.1	4.2	3.5	1.8	-6	24	7.1	
29	.1	3.7	6.4	7.4	8.4	7.6	10.1	AX	AX	AX	7.1	9.3	7.6	12.0	9.8	8.3	10.3	10.3	13.3	15.4	11.8	12.3	9.6	14.5	21	15.4	
30	17.4	11.8	18.1	13.7	14.7	9.3	10.1	9.1	8.3	8.6	6.4	6.9	5.4	6.9	4.0	3.8	7.8	9.6	12.3	14.0	10.6	12.3	15.2	12.5	24	18.1	
31	12.8	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	1	12.8
NO.:	24	23	23	23	23	23	23	22	22	22	21	22	24	24	24	24	24	24	24	24	24	24	24	24	24		
MAX:	52.9	51.6	51.2	50.2	44.6	44.9	42.5	43.0	41.3	31.2	18.4	14.4	17.2	16.9	15.2	17.9	18.4	21.6	27.3	36.6	44.9	48.5	49.2	50.2			
AVG:	14.25	13.29	13.59	13.45	13.57	13.34	12.83	12.80	12.29	10.78	8.83	8.36	8.32	8.28	7.37	8.03	8.42	10.31	12.15	13.17	13.40	14.25	14.57	13.45			

MONTHLY OBSERVATIONS: 559 MONTHLY MEAN: 11.63 MONTHLY MAX: 52.9

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-063-0015 POC: 3
 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: 36.0329550009
 LONGITUDE: -78.904037
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 118
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2015

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	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0		
2	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	12.0	6.8	3.5	3.8	2.1	.6	.3	4.2	5.9	5.9	6.4	9.3	15.9	13.7	14	15.9	
3	17.6	15.0	14.7	15.4	16.9	16.6	15.4	10.8	13.5	BA	BA	BA	8.3	15.9	19.3	15.7	16.9	10.1	12.3	16.6	18.9	17.1	17.4	20.3	21	20.3	
4	15.4	21.8	18.6	22.3	12.5	16.2	20.6	17.9	15.7	21.3	25.3	17.9	16.9	10.8	10.3	13.8	13.0	16.9	13.3	9.8	15.6	15.2	17.6	20.1	24	25.3	
5	18.6	22.1	25.3	24.8	21.3	25.1	23.6	26.1	15.4	14.2	9.3	8.6	9.8	8.1	11.3	10.6	6.2	7.9	10.8	13.5	17.2	17.6	13.5	15.2	24	26.1	
6	13.0	13.0	11.8	18.4	12.8	7.4	12.5	10.6	9.4	10.1	AZ	AZ	4.0	5.4	6.9	5.0	4.0	4.2	4.7	5.2	5.9	4.7	3.8	6.9	22	18.4	
7	8.4	11.1	8.1	8.9	6.4	3.8	8.6	12.5	10.6	6.1	6.2	5.9	4.1	2.3	3.6	4.5	5.2	6.9	6.4	4.2	4.5	6.2	6.9	9.1	24	12.5	
8	7.1	7.6	9.8	11.3	11.3	10.3	9.4	10.6	9.1	7.9	7.6	6.9	8.6	5.7	7.4	10.6	12.3	10.1	7.9	11.8	14.0	13.1	11.3	8.4	24	14.0	
9	7.9	10.6	8.9	7.6	9.8	10.1	7.9	4.7	6.6	6.9	6.2	5.0	2.8	2.6	1.6	2.6	2.6	4.7	4.0	5.9	3.8	4.5	4.1	2.8	24	10.6	
10	2.8	2.8	6.6	5.4	3.3	4.7	4.0	3.3	3.6	4.7	3.8	4.0	3.3	1.4	.9	3.6	5.0	13.5	8.6	9.1	11.8	7.6	6.4	5.2	24	13.5	
11	7.6	8.1	6.6	10.3	7.1	7.9	7.4	8.3	8.1	6.9	5.7	7.8	5.2	7.6	5.9	6.9	5.2	5.7	11.1	9.6	16.2	14.3	15.2	17.9	24	17.9	
12	16.7	14.5	16.9	15.5	14.0	16.9	18.4	18.2	16.2	14.3	AX	AX	6.2	11.8	8.1	9.1	8.6	13.3	10.1	8.4	10.3	9.1	10.1	10.3	22	18.4	
13	7.6	9.1	9.6	7.1	8.6	10.3	8.4	6.6	6.4	5.0	5.7	5.2	4.5	6.2	5.5	4.8	4.2	4.7	8.1	8.1	8.1	8.6	11.6	8.6	24	11.6	
14	7.6	7.9	7.9	7.8	6.1	7.6	9.8	7.4	6.9	5.0	6.7	9.1	8.9	6.2	5.7	7.1	9.4	21.6	12.8	18.4	21.8	23.6	19.4	24.4	24	24.4	
15	20.1	15.9	13.8	17.9	17.7	12.8	11.6	12.1	9.1	9.1	7.4	5.0	6.9	7.1	6.2	5.7	7.9	8.9	16.7	12.6	15.3	18.7	19.6	21.1	24	21.1	
16	15.0	19.6	20.6	15.7	22.9	22.4	22.9	21.3	17.4	18.7	19.2	11.3	7.9	8.9	5.7	10.6	13.3	15.2	17.7	18.4	17.2	20.9	16.4	19.1	24	22.9	
17	21.1	17.7	20.1	22.1	23.3	23.6	27.3	25.4	22.1	15.2	19.4	11.1	12.1	10.1	10.1	13.5	13.5	11.8	14.0	16.4	15.4	12.1	13.5	14.0	24	27.3	
18	15.7	11.6	10.8	8.4	8.1	10.1	6.6	6.9	11.8	13.0	10.8	6.7	6.6	6.2	5.7	7.6	6.2	6.4	8.4	5.9	4.2	3.3	3.8	3.3	24	15.7	
19	4.2	5.0	3.6	2.1	.9	.1	-.3	3.1	1.9	.2	4.5	2.1	.6	2.6	2.3	2.8	7.9	5.0	6.4	6.4	4.5	7.1	5.7	5.5	24	7.9	
20	6.4	8.9	10.6	7.9	6.9	8.1	10.3	11.8	9.9	9.6	7.6	5.5	4.2	3.1	.9	7.6	7.4	9.6	13.0	14.0	13.3	10.1	24.1	16.4	24	24.1	
21	15.7	15.9	11.1	14.2	15.9	12.6	11.3	15.2	10.9	8.6	8.1	8.4	7.7	6.6	8.9	7.1	9.1	10.6	10.8	13.8	15.4	18.9	14.3	19.4	24	19.4	
22	16.9	15.9	13.5	16.7	15.9	14.0	10.6	8.6	8.4	7.1	5.9	3.1	4.8	5.9	7.4	5.9	7.4	8.1	13.3	12.5	11.6	9.6	8.6	8.4	24	16.9	
23	7.1	12.3	10.3	8.4	8.4	7.9	6.4	6.2	7.2	11.8	7.9	6.2	6.7	AX	AX	3.3	5.5	8.1	9.1	9.9	12.5	14.7	15.7	19.1	22	19.1	
24	18.4	17.7	16.4	14.9	17.7	14.2	12.1	13.8	15.0	10.4	5.3	8.7	7.4	7.2	6.2	6.2	11.1	11.9	13.3	18.4	19.4	17.9	17.4	17.7	24	19.4	
25	18.2	17.4	18.6	19.4	20.9	20.6	19.4	20.6	13.8	16.2	13.1	10.1	5.7	9.6	9.2	7.4	7.9	8.9	15.9	14.0	18.2	20.4	19.4	15.2	24	20.9	
26	22.6	18.2	15.4	17.7	21.6	11.6	14.2	13.6	14.5	13.1	10.4	11.1	12.1	9.6	12.8	12.3	9.2	11.3	15.2	19.2	17.0	24.4	19.9	20.1	24	24.4	
27	25.1	23.6	17.7	20.4	14.5	13.8	15.9	14.0	12.3	10.4	7.9	11.4	9.4	6.9	6.9	8.1	6.7	9.2	11.6	14.2	11.1	13.1	18.4	15.5	24	25.1	
28	15.2	22.6	24.1	22.6	21.1	18.2	20.6	23.9	14.9	10.4	8.6	8.4	8.4	12.3	8.4	7.2	13.7	12.1	15.9	17.2	19.7	25.1	23.4	19.1	24	25.1	
29	19.6	17.9	18.2	22.4	20.1	17.4	20.4	13.7	16.0	20.6	13.1	9.9	7.9	7.9	9.4	7.4	6.0	9.2	12.4	11.1	17.0	11.8	9.6	9.2	24	22.4	
30	7.4	5.7	5.5	3.5	3.3	3.3	6.4	4.7	4.2	3.5	4.5	5.2	4.7	4.8	4.5	2.4	7.1	6.9	5.0	5.9	4.7	3.3	3.3	6.2	24	7.4	
31																										0	
NO.:	28	28	28	28	28	28	28	28	28	27	26	26	29	28	28	29	29	29	29	29	29	29	29	29	29		
MAX:	25.1	23.6	25.3	24.8	23.3	25.1	27.3	26.1	22.1	21.3	25.3	17.9	16.9	15.9	19.3	15.7	16.9	21.6	17.7	19.2	21.8	25.1	24.1	24.4			
AVG:	13.54	13.91	13.40	13.90	13.19	12.41	12.92	12.57	11.10	10.38	9.32	7.75	6.87	7.02	6.90	7.24	8.03	9.55	10.85	11.60	12.79	13.18	13.32	13.52			

MONTHLY OBSERVATIONS: 677 MONTHLY MEAN: 11.06 MONTHLY MAX: 27.3

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-063-0015 POC: 3
 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: 36.0329550009
 LONGITUDE: -78.904037
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 118
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2015

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	5.9	5.5	6.2	5.2	4.2	2.8	3.8	6.4	6.4	6.7	9.8	14.0	13.3	18.2	12.6	10.9	14.2	11.6	13.5	12.1	13.9	9.6	14.2	24	18.2	
2	11.8	11.8	9.4	10.6	13.3	13.1	8.4	AX	AX	AX	2.7	5.0	11.1	7.9	8.4	6.4	6.4	7.6	12.1	7.4	6.9	6.1	3.5	6.9	21	13.3	
3	7.4	6.6	9.4	10.3	6.9	7.6	7.6	7.1	7.9	7.1	5.2	4.7	5.7	5.4	9.1	8.4	4.5	4.5	6.6	7.6	5.9	8.6	6.9	8.6	24	10.3	
4	7.9	12.8	11.1	7.9	11.8	9.4	9.6	9.6	10.1	7.6	10.1	10.6	6.9	11.1	8.4	8.4	7.9	14.0	20.8	19.1	25.3	27.5	30.2	25.1	24	30.2	
5	30.2	22.1	23.1	19.6	19.6	13.8	14.7	17.7	14.0	11.6	12.3	13.5	11.1	12.8	10.8	11.6	11.3	11.1	21.6	23.3	23.1	26.8	26.8	22.6	24	30.2	
6	24.1	27.3	22.1	19.9	23.1	18.9	17.7	19.1	16.2	17.7	16.2	11.8	12.1	9.6	11.1	14.7	10.6	12.6	16.9	19.1	19.4	24.1	27.0	20.1	24	27.3	
7	18.9	16.9	14.7	15.7	19.1	18.6	15.7	19.4	23.6	24.9	18.9	16.4	15.2	14.4	14.7	17.2	17.2	15.7	16.2	20.1	16.4	18.9	17.2	17.9	24	24.9	
8	15.9	19.4	15.4	15.2	16.4	18.4	12.8	17.4	16.9	11.8	10.6	12.3	7.9	7.9	9.1	8.9	17.4	13.0	17.9	15.2	19.9	15.4	18.6	19.8	24	19.9	
9	19.9	15.2	14.2	14.0	15.7	12.3	16.4	15.7	17.1	15.9	20.1	16.2	8.9	15.9	9.6	11.6	13.7	13.3	13.7	15.2	19.1	13.1	18.6	20.6	24	20.6	
10	16.9	15.7	19.6	16.2	16.2	21.6	22.8	18.4	20.4	18.7	14.0	15.4	13.0	13.1	14.9	16.2	14.7	16.9	23.9	21.6	22.4	20.9	24.1	19.4	24	24.1	
11	23.6	22.8	20.6	20.9	24.6	21.6	21.1	20.8	24.8	21.8	19.9	19.4	19.6	23.1	17.4	16.2	21.6	21.8	20.8	24.6	19.6	23.1	23.1	25.5	24	25.5	
12	28.0	17.9	21.1	16.9	21.4	20.3	20.1	17.2	20.1	13.9	14.9	13.0	12.1	11.1	11.8	13.3	15.7	14.7	13.9	20.6	18.9	19.1	20.8	17.2	24	28.0	
13	14.4	19.1	19.9	19.6	20.6	19.8	15.9	21.6	19.8	17.1	16.7	16.4	11.8	10.8	9.4	13.3	17.6	13.7	20.1	17.9	18.6	14.2	20.6	16.2	24	21.6	
14	18.4	19.1	9.8	9.1	6.4	5.7	8.1	8.1	5.9	3.5	4.2	3.7	2.6	5.2	8.1	5.0	6.9	1.6	4.7	5.4	3.7	2.7	2.3	4.2	24	19.1	
15	5.0	5.6	8.6	5.7	6.3	5.7	7.4	7.8	6.9	5.4	7.6	5.4	5.2	4.0	3.7	3.0	5.2	5.9	7.6	9.1	16.9	14.9	14.0	14.7	24	16.9	
16	11.8	13.5	12.3	7.6	9.3	6.9	5.7	9.4	AX	AX	-2.1	2.3	6.4	6.6	5.2	4.5	7.1	5.9	12.8	8.1	10.6	11.5	8.1	16.4	22	16.4	
17	15.4	12.0	13.3	13.8	10.8	13.3	9.3	11.3	13.8	10.3	8.9	6.9	9.3	7.6	9.3	6.1	4.5	7.6	9.8	8.9	8.4	7.9	8.9	10.1	24	15.4	
18	8.1	9.8	7.4	9.1	10.8	11.8	8.9	10.8	8.9	7.6	8.1	13.5	10.3	6.7	2.6	7.9	6.4	7.4	8.3	9.3	8.1	7.6	6.2	8.6	24	13.5	
19	8.9	7.1	5.9	7.1	7.6	10.1	10.6	8.9	10.8	8.9	7.9	5.9	6.2	7.4	4.7	7.2	7.6	12.0	11.1	13.3	14.0	19.6	28.0	20.9	24	28.0	
20	14.2	12.1	21.6	14.7	16.2	17.7	13.3	11.1	9.1	14.2	7.9	5.7	4.5	5.0	5.7	5.9	8.9	9.9	8.6	12.6	15.2	14.0	17.9	14.2	24	21.6	
21	19.4	19.4	19.4	20.6	22.6	19.6	20.4	15.4	17.2	17.7	17.7	15.7	11.4	9.4	8.9	8.9	12.6	13.9	17.9	24.6	19.9	23.4	23.9	19.9	24	24.6	
22	17.9	20.6	20.6	19.4	19.9	19.4	23.6	19.1	11.3	11.8	8.9	8.9	4.7	4.7	4.0	4.5	3.3	5.9	5.0	7.1	7.1	5.2	9.1	6.2	24	23.6	
23	8.9	9.4	10.6	7.6	3.8	2.1	5.0	3.7	.9	-1.8	.1	6.2	4.5	.1	.4	-1	.6	3.3	4.0	3.7	1.1	3.7	2.6	1.1	24	10.6	
24	2.6	-6	-9	2.1	2.1	3.0	6.6	5.7	4.8	7.9	10.4	12.1	9.6	10.8	10.1	8.6	11.8	10.4	9.6	7.1	6.4	13.3	11.8	10.6	24	13.3	
25	10.8	9.1	10.6	6.9	8.1	7.9	5.7	5.9	5.2	5.7	7.2	8.1	11.6	8.9	6.9	8.6	8.9	6.6	3.8	6.4	6.9	9.6	8.6	10.8	24	11.6	
26	8.1	6.2	3.5	6.9	6.1	4.2	4.2	4.2	8.1	9.6	11.8	9.1	6.4	8.9	9.1	7.6	7.1	8.6	4.7	4.0	8.4	5.9	4.0	7.6	24	11.8	
27	5.9	4.5	8.4	7.1	5.0	2.8	3.2	3.7	6.9	5.0	1.6	.1	.1	2.6	5.0	3.7	4.2	3.1	2.4	2.8	3.5	4.7	7.6	5.9	24	8.4	
28	3.1	3.1	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	2	3.1
29	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AX	AX	-6	2.1	4.7	4.2	2.6	3.5	4.0	4.7	4.7	5.7	6.9	6.2	7.8	13	7.8	
30	9.6	7.9	9.3	8.4	7.9	8.4	10.3	9.6	4.5	.9	7.1	4.7	-6	.6	4.0	2.8	-1	1.3	1.6	.6	.8	.4	1.6	1.6	24	10.3	
31	2.6	3.1	3.5	3.3	2.1	1.8	1.8	2.8	2.3	1.1	3.5	4.7	6.2	8.8	8.6	5.7	2.6	5.7	7.4	6.9	8.1	10.8	8.6	6.9	24	10.8	
NO.:	30	30	29	29	29	29	29	28	27	27	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	30.2	27.3	23.1	20.9	24.6	21.6	23.6	21.6	24.8	24.9	20.1	19.4	19.6	23.1	18.2	17.2	21.6	21.8	23.9	24.6	25.3	27.5	30.2	25.5			
AVG:	13.33	12.51	12.76	11.81	12.38	11.72	11.37	11.62	11.63	10.46	9.62	9.23	8.33	8.61	8.45	8.38	9.02	9.54	11.34	11.99	12.41	13.13	13.88	13.39			

MONTHLY OBSERVATIONS: 706 MONTHLY MEAN: 11.12 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

May. 30, 2018

(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: 36.110693332
 LONGITUDE: -80.2264378
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 284
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2015

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	8.8	9.5	13.6	5.1	4.4	6.5	24.2	7.0	11.9	1.5	14.7	AN
2	9.1	3.8	AN	7.8	7.6	3.9	16.8	7.2	14.1	AV	6.0	AN
3	8.5	6.4	AN	AJ	8.6	1.2	6.9	11.0	17.5	.7	7.8	AN
4	2.7	8.1	AN	3.3	11.6	4.1	7.2	10.5	18.4	1.1	7.4	AN
5	4.1	5.3	AN	4.1	10.7	4.5	11.8	14.1	14.9	3.2	AJ	8.2
6	5.5	7.3	AN	8.1	11.7	10.7	11.5	BA	8.5	5.2	6.3	9.2
7	4.9	AN	10.2	10.4	12.4	8.4	15.6	9.3	5.9	AN	5.9	8.9
8	4.5	AN	5.9	8.6	11.4	10.7	17.0	9.0	6.3	7.8	4.1	9.0
9	5.5	AN	4.9	11.3	7.5	10.4	17.9	9.0	6.7	9.8	3.4	10.0
10	6.3	AN	10.3	8.0	8.0	AN	26.1	10.2	5.2	5.5	2.4	13.1
11	14.0	AN	7.2	5.5	9.7	AN	11.2	8.7	10.4	4.7	6.4	12.2
12	13.7	AN	5.8	7.2	10.6	AN	11.3	8.1	6.4	AN	8.0	9.2
13	8.1	4.7	4.6	8.7	5.3	AN	10.8	9.9	3.6	7.3	3.2	12.1
14	7.3	6.8	4.3	4.9	7.1	AN	4.0	12.6	5.3	5.3	3.3	4.0
15	16.3	3.9	4.0	3.5	13.3	AN	4.2	13.9	7.8	5.2	7.3	3.8
16	6.3	6.0	4.4	4.9	13.5	AN	8.6	12.7	10.6	6.5	10.9	5.9
17	7.9	7.2	6.5	5.3	13.3	AN	11.3	15.8	10.6	3.8	12.8	6.8
18	7.1	8.7	4.6	7.9	11.1	AN	10.4	7.3	9.9	3.5	8.0	3.8
19	3.9	6.1	AJ	5.1	8.1	9.3	11.3	5.6	7.6	6.6	2.9	3.1
20	7.4	8.1	5.0	5.6	6.5	AN	12.1	5.0	9.9	8.9	2.9	6.9
21	9.8	11.9	8.4	5.8	8.5	6.8	9.7	AN	5.2	9.9	4.2	8.6
22	10.0	14.5	9.9	6.0	5.2	8.2	9.6	11.1	4.8	9.3	4.7	9.3
23	7.5	8.1	9.4	3.8	8.4	19.6	14.8	11.8	6.1	13.1	4.5	2.3
24	3.9	9.4	8.3	AN	8.6	14.1	13.4	9.0	5.7	13.3	8.1	5.9
25	5.4	11.4	10.6	AN	8.3	17.4	15.1	8.7	2.9	11.7	AN	4.5
26	6.6	3.0	10.9	AN	7.7	12.8	14.9	AJ	.8	3.9	AN	8.1
27	5.4	14.7	3.6	AN	4.3	9.2	10.8	9.7	2.2	3.3	AN	3.9
28	7.0	10.5	3.4	AL	8.0	4.1	9.5	13.9	3.6	2.5	AN	2.1
29	10.7		4.1	8.5	9.2	7.3	10.9	13.9	3.0	6.5	AN	2.6
30	5.0		6.3	10.7	6.4	9.7	11.9	14.6		5.1	AN	5.1
31	5.0		6.4		8.6		6.7	7.6		8.1		4.2
NO.:	31	22	25	24	31	20	31	28	29	29	23	27
MAX:	16.3	14.7	13.6	11.3	13.5	19.6	26.1	15.8	18.4	13.3	14.7	13.1
MEAN:	7.36	7.97	6.90	6.67	8.89	8.95	12.18	10.26	7.79	6.25	6.37	6.86
ANNUAL OBSERVATIONS:		320		ANNUAL MEAN:	8.11		ANNUAL MAX:	26.1				

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

May. 30, 2018

(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:
 UTM NORTHING:
 UTM EASTING:
 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 Environmental Quality

REPORT FOR: 2015

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			16.3					6.3				
2		3.5				3.1	15.0				6.1	3.9
3	10.2			6.4	8.7				14.4	2.2		
4			6.0					9.6				
5		5.9				4.5	8.9				7.1	13.0
6	7.0			8.0	10.8				8.2	5.5		
7			AL					8.8				
8		9.0				10.2	13.3				4.0	9.7
9	5.9			12.1	7.7				6.1	9.2		
10			AL					9.5				
11		10.1				9.5	9.1				5.3	11.4
12	13.8			7.1	8.9				7.0	6.7		
13			AJ					9.4				
14		8.9				10.7	AJ				4.1	3.9
15	17.1			3.4	13.2				6.3	4.4		
16			3.1					10.6				
17		8.1				8.2	10.8				12.7	AM
18	8.1			7.4	10.0				10.2	4.4		
19			7.4					5.1				
20		9.2				8.0	10.9				4.7	12.9
21	6.9			4.3	7.8				6.3	9.6		
22			AL					10.2				
23		8.2				15.0	16.1				5.5	2.5
24	AN			4.0	8.2				4.7	13.1		
25			9.7					7.9				
26		10.7				AM	15.6				AJ	4.6
27	4.8			5.2	3.9				1.6	3.2		
28			3.9					13.1				
29						7.3	10.6				12.9	1.9
30	4.8			9.6	6.4				1.9	AJ		
31			6.1					7.3				
NO.:	9	9	7	10	10	9	9	11	10	9	9	9
MAX:	17.1	10.7	16.3	12.1	13.2	15.0	16.1	13.1	14.4	13.1	12.9	13.0
MEAN:	8.73	8.18	7.50	6.75	8.56	8.50	12.26	8.89	6.67	6.48	6.93	7.09
ANNUAL OBSERVATIONS:		111		ANNUAL MEAN:	8.05	ANNUAL MAX:	17.1					

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

May. 30, 2018

(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:
 UTM NORTHING:
 UTM EASTING:
 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 Environmental Quality

REPORT FOR: 2015

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									
2												
3									13.8	.9	6.0	3.3
4								8.7				
5		5.8				5.0	8.2					
6	6.8			8.9	10.4							
7			AV									
8											4.1	9.7
9									6.3	9.2		
10								8.6				
11		9.9				8.3	7.8					
12	AV			7.2	8.7							
13			4.5									
14									6.6	4.5	4.2	4.1
15												
16				7.9				10.4				
17		8.2				7.7						
18	7.7			7.5	10.0							
19			7.8									
20											4.8	12.8
21									6.1	9.7		
22								9.5				
23	AV	AV				12.7	15.2					
24				3.6	7.8							
25			9.2									
26											8.6	4.8
27									1.8	2.9		
28								11.6				
29						6.5	10.5					
30	4.4			8.5	5.8							
31			5.9									
NO.:	3	3	5	6	5	5	4	5	5	5	5	5
MAX:	7.7	9.9	13.8	8.9	10.4	12.7	15.2	11.6	13.8	9.7	8.6	12.8
MEAN:	6.30	7.97	8.24	7.27	8.54	8.04	10.43	9.76	6.92	5.44	5.54	6.94
ANNUAL OBSERVATIONS:		56		ANNUAL MEAN:	7.59	ANNUAL MAX:	15.2					

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2015

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												
2												
3												
4												
5		5.7										
6	6.9											
7												
8												
9												
10												
11		AN										
12	15.1											
13												
14		6.7										
15												
16												
17												
18	6.9											
19												
20												
21												
22												
23												
24	3.8											
25												
26												
27												
28												
29												
30	6.2											
31												
NO.:	5	2	0	0	0	0	0	0	0	0	0	0
MAX:	15.1	6.7										
MEAN:	7.78	6.20										
ANNUAL OBSERVATIONS:	7											
ANNUAL MEAN:	7.33											
ANNUAL MAX:	15.1											

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

May. 30, 2018

(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: 36.109167
 LONGITUDE: -79.801111
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 247
 PROBE HEIGHT: 2.06

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

REPORT FOR: 2015

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			14.8									
2												
3									15.3	.9 V	5.4	4.3
4								10.4		AN		
5		5.7 6				3.2	7.7			AL		
6	AR			AN	9.3							
7			11.0								4.8	7.7
8												
9									6.5	9.1		
10								9.1				
11		11.1 6				9.5	8.2					
12	13.7 6			7.4 2	11.3							
13			5.1	9.3								
14				AL							6.0	2.9
15									7.9	5.6		
16								AJ				
17		10.0				7.5	10.0					
18	8.1 6			7.3 V	10.8							
19			AN									
20											4.2	8.7
21									3.9	10.7		
22								AN				
23		8.7				13.6	13.3	11.9				
24	4.3 6			4.8	8.6			9.3				
25			8.0									
26			9.2								9.8	5.0
27									AJ	3.4		
28								12.5				
29						6.9	AJ					
30	5.5 6			10.5	5.8							
31			AN									
NO.:	4	4	5	5	5	5	4	5	4	5	5	5
MAX:	13.7	11.1	14.8	10.5	11.3	13.6	13.3	12.5	15.3	10.7	9.8	8.7
MEAN:	7.90	8.88	9.62	7.86	9.16	8.14	9.80	10.64	8.40	5.94	6.04	5.72
ANNUAL OBSERVATIONS:		56		ANNUAL MEAN:	8.13	ANNUAL MAX:	15.3					

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-081-0013 POC: 3
 COUNTY: (081) Guilford
 CITY: (28000) Greensboro
 SITE ADDRESS: 205 WILLOUGHBY 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: 36.109167
 LONGITUDE: -79.801111
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 247
 PROBE HEIGHT: 2.06

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2015

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												BA	BC	BC	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
5	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
6	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
7	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
8	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
9	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	BA	BA	BA	1.0	-1.0	.0	-2.0	1.0	2.0	1.0	3.0	.0	9	3.0		
10	2.0	1.0	1.0	1.0	6.0	2.0	1.0	.0	.0	-1.0	1.0	-1.0	2.0	3.0	.0	3.0	5.0	5.0	2.0	7.0	4.0	3.0	2.0	5.0	24	7.0		
11	2.0	2.0	1.0	6.0	1.0	2.0	3.0	2.0	-4.0	4.0	7.0	5.0	5.0	3.0	6.0	7.0	4.0	9.0	7.0	6.0	9.0	9.0	11.0	18.0	24	18.0		
12	24.0	18.0	17.0	14.0	15.0	10.0	9.0	10.0	7.0	15.0	14.0	8.0	12.0	12.0	9.0	11.0	7.0	10.0	9.0	11.0	6.0	AV	6.0	7.0	23	24.0		
13	2.0	3.0	3.0	4.0	.0	3.0	4.0	4.0	3.0	7.0	4.0	2.0	4.0	2.0	.0	2.0	2.0	-2.0	2.0	1.0	.0	2.0	2.0	2.0	24	7.0		
14	2.0	4.0	1.0	4.0	2.0	2.0	2.0	.0	-1.0	7.0	7.0	4.0	5.0	4.0	6.0	2.0	5.0	6.0	4.0	6.0	16.0	15.0	21.0	22.0	24	22.0		
15	24.0	23.0	20.0	16.0	7.0	8.0	9.0	2.0	-2.0	3.0	17.0	9.0	6.0	1.0	5.0	9.0	9.0	6.0	5.0	15.0	23.0	31.0	26.0	26.0	24	31.0		
16	23.0	22.0	17.0	14.0	12.0	13.0	10.0	13.0	8.0	6.0	18.0	13.0	8.0	10.0	6.0	5.0	10.0	8.0	7.0	5.0	17.0	12.0	13.0	18.0	24	23.0		
17	17.0	17.0	15.0	15.0	16.0	17.0	17.0	17.0	8.0	20.0	23.0	11.0	11.0	12.0	14.0	7.0	12.0	9.0	13.0	11.0	12.0	14.0	19.0	18.0	24	23.0		
18	17.0	14.0	13.0	13.0	11.0	9.0	8.0	8.0	7.0	5.0	8.0	8.0	6.0	10.0	9.0	5.0	6.0	6.0	7.0	8.0	5.0	3.0	8.0	10.0	24	17.0		
19	8.0	3.0	4.0	3.0	3.0	2.0	2.0	3.0	2.0	5.0	1.0	1.0	3.0	3.0	-2.0	2.0	7.0	7.0	6.0	3.0	5.0	3.0	6.0	5.0	24	8.0		
20	4.0	5.0	5.0	3.0	5.0	3.0	4.0	4.0	-2.0	8.0	5.0	2.0	3.0	4.0	3.0	2.0	1.0	2.0	3.0	3.0	7.0	10.0	12.0	15.0	24	15.0		
21	12.0	9.0	12.0	10.0	7.0	4.0	6.0	2.0	5.0	4.0	10.0	9.0	8.0	5.0	2.0	3.0	7.0	8.0	3.0	11.0	15.0	5.0	7.0	9.0	24	15.0		
22	10.0	9.0	9.0	9.0	7.0	6.0	10.0	11.0	2.0	2.0	3.0	5.0	.0	1.0	6.0	9.0	6.0	.0	2.0	6.0	1.0	3.0	6.0	3.0	24	11.0		
23	3.0	5.0	3.0	4.0	8.0	.0	4.0	7.0	1.0	6.0	11.0	9.0	7.0	AZ	AZ	AZ	9.0	7.0	3.0	9.0	13.0	14.0	14.0	18.0	21	18.0		
24	16.0	8.0	10.0	11.0	7.0	13.0	15.0	10.0	9.0	6.0	12.0	11.0	7.0	4.0	5.0	2.0	1.0	4.0	6.0	8.0	7.0	13.0	16.0	21.0	24	21.0		
25	26.0	30.0	34.0	28.0	25.0	23.0	19.0	19.0	15.0	10.0	23.0	12.0	11.0	9.0	9.0	7.0	3.0	8.0	7.0	7.0	13.0	21.0	20.0	14.0	24	34.0		
26	15.0	13.0	15.0	14.0	12.0	12.0	10.0	10.0	10.0	6.0	11.0	9.0	10.0	7.0	7.0	8.0	6.0	5.0	7.0	10.0	15.0	22.0	14.0	17.0	24	22.0		
27	18.0	21.0	19.0	12.0	10.0	10.0	10.0	8.0	6.0	2.0	10.0	5.0	6.0	1.0	5.0	9.0	1.0	8.0	5.0	15.0	15.0	19.0	18.0	19.0	24	21.0		
28	23.0	22.0	21.0	21.0	16.0	12.0	13.0	8.0	10.0	4.0	10.0	9.0	4.0	9.0	2.0	5.0	7.0	10.0	8.0	13.0	9.0	14.0	12.0	19.0	24	23.0		
29	19.0	16.0	21.0	15.0	19.0	15.0	17.0	16.0	12.0	16.0	14.0	11.0	18.0	6.0	5.0	6.0	3.0	1.0	3.0	3.0	5.0	13.0	13.0	16.0	24	21.0		
30	15.0	10.0	6.0	.0	1.0	.0	1.0	-1.0	1.0	.0	.0	1.0	3.0	.0	-1.0	4.0	-2.0	2.0	3.0	1.0	-1.0	.0	-2.0	2.0	24	15.0		
31																											0	
NO.:	21	21	21	21	21	21	21	21	21	21	21	21	21	20	20	21	22	22	22	22	22	21	22	22				
MAX:	26.0	30.0	34.0	28.0	25.0	23.0	19.0	19.0	15.0	20.0	23.0	13.0	18.0	12.0	14.0	11.0	12.0	10.0	13.0	15.0	23.0	31.0	26.0	26.0				
AVG:	13.43	12.14	11.76	10.33	9.05	7.90	8.29	7.29	4.62	6.43	9.95	6.81	6.62	5.30	4.80	5.10	4.91	5.59	4.82	7.32	9.05	10.71	11.23	12.91				

MONTHLY OBSERVATIONS: 509 MONTHLY MEAN: 8.19 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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-081-0013 POC: 3
 COUNTY: (081) Guilford
 CITY: (28000) Greensboro
 SITE ADDRESS: 205 WILLOUGHBY 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: 36.109167
 LONGITUDE: -79.801111
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 247
 PROBE HEIGHT: 2.06

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS

REPORT FOR: DECEMBER 2015

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V

UNITS: Micrograms/cubic meter (LC)

PQAO: (0776) North Carolina Dept Of Environmental Quality

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	1.0	1.0	1.0	.0	-3.0	.0	.0	3.0	2.0	.0	4.0	8.0	7.0	13.0	7.0	9.0	9.0	7.0	7.0	4.0	2.0	.0	5.0	24	13.0	
2	3.0	5.0	5.0	7.0	4.0	3.0	6.0	7.0	4.0	7.0	7.0	5.0	10.0	5.0	6.0	9.0	8.0	2.0	7.0	6.0	7.0	6.0	3.0	-2.0	24	10.0
3	3.0	2.0	2.0	4.0	2.0	4.0	3.0	2.0	-1.0	-2.0	9.0	2.0	2.0	4.0	4.0	6.0	4.0	.0	2.0	3.0	10.0	4.0	5.0	3.0	24	10.0
4	2.0	8.0	7.0	5.0	5.0	2.0	5.0	3.0	4.0	-2.0	10.0	8.0	8.0	5.0	4.0	5.0	3.0	5.0	5.0	6.0	8.0	15.0	13.0	19.0	24	19.0
5	20.0	23.0	20.0	20.0	12.0	10.0	11.0	11.0	11.0	2.0	12.0	12.0	11.0	7.0	7.0	8.0	6.0	7.0	6.0	13.0	21.0	25.0	24.0	24.0	24	25.0
6	27.0	31.0	25.0	24.0	15.0	15.0	13.0	15.0	14.0	7.0	17.0	20.0	11.0	13.0	6.0	9.0	4.0	6.0	1.0	7.0	13.0	16.0	21.0	25.0	24	31.0
7	28.0	21.0	16.0	23.0	22.0	17.0	11.0	10.0	11.0	12.0	7.0	AX	AX	BA	8.0	4.0	6.0	4.0	4.0	5.0	11.0	9.0	6.0	7.0	21	28.0
8	6.0	3.0	4.0	6.0	4.0	5.0	3.0	6.0	6.0	4.0	6.0	10.0	7.0	4.0	6.0	9.0	7.0	9.0	5.0	9.0	13.0	15.0	15.0	16.0	24	16.0
9	15.0	9.0	12.0	11.0	14.0	9.0	12.0	19.0	15.0	13.0	14.0	18.0	19.0	12.0	12.0	7.0	5.0	8.0	9.0	10.0	11.0	11.0	13.0	16.0	24	19.0
10	14.0	13.0	15.0	14.0	14.0	10.0	12.0	10.0	12.0	10.0	BA	BA	13.0	14.0	9.0	14.0	16.0	13.0	13.0	14.0	17.0	16.0	15.0	19.0	22	19.0
11	18.0	17.0	13.0	15.0	14.0	17.0	14.0	12.0	9.0	14.0	16.0	17.0	18.0	10.0	12.0	13.0	14.0	11.0	12.0	15.0	19.0	16.0	17.0	20.0	24	20.0
12	19.0	20.0	16.0	11.0	15.0	15.0	19.0	19.0	16.0	14.0	13.0	16.0	11.0	13.0	9.0	10.0	14.0	13.0	8.0	19.0	19.0	20.0	17.0	19.0	24	20.0
13	21.0	16.0	AV	11.0	6.0	18.0	14.0	18.0	17.0	17.0	12.0	15.0	12.0	12.0	9.0	8.0	6.0	2.0	6.0	8.0	8.0	12.0	14.0	12.0	23	21.0
14	7.0	12.0	8.0	7.0	7.0	5.0	8.0	4.0	5.0	4.0	3.0	3.0	13.0	.0	1.0	5.0	3.0	5.0	1.0	.0	1.0	2.0	1.0	5.0	24	13.0
15	4.0	.0	.0	2.0	1.0	4.0	4.0	3.0	3.0	-2.0	6.0	6.0	6.0	5.0	6.0	6.0	1.0	6.0	4.0	4.0	4.0	7.0	6.0	4.0	24	7.0
16	4.0	2.0	4.0	3.0	2.0	6.0	3.0	4.0	2.0	-1.0	6.0	3.0	6.0	5.0	4.0	5.0	4.0	8.0	4.0	7.0	5.0	8.0	15.0	11.0	24	15.0
17	12.0	12.0	8.0	12.0	11.0	11.0	12.0	11.0	10.0	11.0	7.0	6.0	2.0	2.0	2.0	4.0	2.0	5.0	3.0	8.0	12.0	9.0	12.0	10.0	24	12.0
18	10.0	12.0	8.0	10.0	13.0	10.0	8.0	2.0	5.0	5.0	4.0	4.0	1.0	4.0	2.0	6.0	3.0	3.0	.0	3.0	4.0	1.0	4.0	-1.0	24	13.0
19	4.0	5.0	3.0	4.0	2.0	.0	3.0	3.0	.0	-3.0	6.0	6.0	7.0	2.0	3.0	2.0	5.0	7.0	6.0	5.0	13.0	20.0	15.0	12.0	24	20.0
20	19.0	23.0	18.0	12.0	13.0	12.0	10.0	8.0	13.0	-4.0	9.0	9.0	6.0	4.0	5.0	4.0	5.0	3.0	3.0	4.0	6.0	5.0	17.0	15.0	24	23.0
21	15.0	14.0	13.0	8.0	7.0	6.0	3.0	7.0	8.0	7.0	6.0	9.0	AX	9.0	11.0	8.0	6.0	7.0	5.0	6.0	8.0	8.0	9.0	10.0	23	15.0
22	10.0	13.0	19.0	15.0	14.0	17.0	19.0	16.0	16.0	11.0	9.0	10.0	9.0	11.0	10.0	7.0	7.0	9.0	10.0	6.0	6.0	6.0	4.0	3.0	24	19.0
23	5.0	3.0	3.0	3.0	1.0	3.0	1.0	4.0	.0	2.0	1.0	6.0	-2.0	2.0	-1.0	.0	3.0	-1.0	-1.0	1.0	2.0	-2.0	.0	5.0	24	6.0
24	1.0	-1.0	.0	-1.0	1.0	4.0	3.0	8.0	6.0	11.0	6.0	14.0	6.0	11.0	11.0	5.0	3.0	7.0	11.0	10.0	8.0	7.0	10.0	11.0	24	14.0
25	11.0	9.0	7.0	6.0	5.0	5.0	3.0	-1.0	4.0	2.0	-2.0	7.0	2.0	6.0	10.0	2.0	8.0	7.0	6.0	4.0	4.0	6.0	7.0	7.0	24	11.0
26	12.0	3.0	6.0	9.0	4.0	5.0	4.0	.0	3.0	1.0	12.0	7.0	10.0	5.0	9.0	4.0	6.0	6.0	7.0	8.0	6.0	6.0	6.0	4.0	24	12.0
27	8.0	5.0	4.0	4.0	5.0	5.0	3.0	5.0	1.0	7.0	4.0	4.0	6.0	9.0	6.0	3.0	1.0	-1.0	3.0	3.0	-1.0	4.0	5.0	3.0	24	9.0
28	5.0	5.0	2.0	1.0	4.0	3.0	1.0	2.0	2.0	13.0	8.0	2.0	-3.0	2.0	2.0	-3.0	1.0	2.0	-1.0	-1.0	-2.0	.0	1.0	-1.0	24	13.0
29	2.0	-1.0	1.0	-2.0	-2.0	-3.0	-1.0	1.0	-1.0	-4.0	-2.0	1.0	4.0	8.0	8.0	9.0	10.0	10.0	8.0	5.0	5.0	3.0	3.0	2.0	24	10.0
30	.0	9.0	1.0	1.0	3.0	5.0	4.0	4.0	4.0	7.0	7.0	6.0	5.0	-1.0	7.0	2.0	5.0	4.0	2.0	5.0	-2.0	2.0	2.0	3.0	24	9.0
31	1.0	4.0	2.0	5.0	1.0	.0	3.0	4.0	6.0	8.0	6.0	3.0	4.0	3.0	2.0	6.0	4.0	8.0	7.0	7.0	4.0	10.0	5.0	5.0	24	10.0
NO.:	31	31	30	31	31	31	31	31	31	31	30	29	29	30	31	31	31	31	31	31	31	31	31	31	31	
MAX:	28.0	31.0	25.0	24.0	22.0	18.0	19.0	19.0	17.0	17.0	17.0	20.0	19.0	14.0	12.0	14.0	16.0	13.0	13.0	19.0	21.0	25.0	24.0	25.0		
AVG:	9.90	9.61	8.10	8.06	6.97	7.19	6.90	7.10	6.68	5.52	7.43	8.17	7.28	6.63	6.35	6.00	5.77	5.87	5.26	6.68	7.87	8.68	9.19	9.39		

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: 7.36 MONTHLY MAX: 31.0

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

May. 30, 2018

(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: MONITORING ENDED ON 20151229. CLOSING FLOW CHECK COMPLETED ON 20160107.

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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2015

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			9.1 6					7.1				
2		4.3 6				6.1	8.4				4.3	2.4
3	8.3 6			5.9	10.2				15.2	1.1 V		
4			4.0 6					7.6				
5		9.5 6				6.5	3.8				AN	19.6
6	10.1 6			5.0	11.2				11.5	3.7		
7			10.5 6					2.5			4.8	
8		7.1 6				11.5	13.0				4.6	15.0
9	6.7 6			8.7	9.0				4.8	8.2		
10			7.7 6					7.6				
11		7.7 6				9.4	12.6				5.7	9.2
12	11.6 6			7.7	7.1				3.8	2.6		
13			7.2 6					6.9				
14		8.0 6				8.2	3.5				6.7	1.2 V
15	7.9 6			4.2	10.9				4.7	5.8		
16			5.2 6					9.0				
17		4.7 6				8.5	7.8				10.6	6.4
18	3.9 6			4.8	8.7				8.7	9.6		
19			12.0 6					3.8				
20		10.3 6				6.6	10.2				8.1	15.4
21	AJ			4.7	5.6				13.0	10.4		
22			8.1 6					7.2				
23		6.7 6				14.7	6.4				13.9	3.9
24	7.3 6			5.9	8.4				4.0	10.3		
25			4.1 6					6.1				
26		9.0 6				10.5	7.8				14.8	1.5 V
27	6.5 6			6.4	3.0				1.3 V	4.7		
28			3.7 6					12.3				
29						6.7	10.1				13.3	3.5
30	4.6 6			8.9	5.7				1.4 V	AJ		
31			7.9 6					7.0				
NO.:	9	9	11	10	10	10	10	11	10	9	10	10
MAX:	11.6	10.3	12.0	8.9	11.2	14.7	13.0	12.3	15.2	10.4	14.8	19.6
MEAN:	7.43	7.48	7.23	6.22	7.98	8.87	8.36	7.01	6.84	6.27	8.68	7.81
ANNUAL OBSERVATIONS:		119		ANNUAL MEAN:	7.52	ANNUAL MAX:	19.6					

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2015

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			5.4					10.6				
2		3.1 6				AK	19.5				4.2	AV
3	5.2 6			6.7	4.3 6				11.3	1.1 V		
4			4.9					5.5				
5		5.2 6				AV	8.0				9.7	8.5
6	4.0 6			5.8	8.1 6	AK			4.2	3.3		
7			6.8					6.1				
8		9.3 V				AK	11.6				5.6	6.1
9	5.7 6			6.3 6	4.3 6				6.0	10.0		6.5
10			8.1					7.0				
11		5.5				AK	9.0				5.0	14.7
12	AR			6.5 6	11.8 6				10.6	7.0		
13			5.5					8.3				
14		6.0				AK	6.7				7.4	2.7
15	5.2 6			3.0 6	9.2 6				7.2	7.3		
16			4.2					AJ				
17		4.4 V				AK	8.4				10.8	6.1
18	5.6 6			5.7 6	8.2 6				7.2	3.4		
19			9.0					4.8				
20		6.0 V				AK	11.0				4.7	7.8
21	11.0 6			5.6 6	8.2 6				6.9	7.7		
22			9.6					7.9				
23		8.7				15.9	9.0				5.4	1.6 V
24	2.4 6			6.9 6	8.2 6				2.7	7.3		
25			8.0					8.5 V				
26		5.8				12.3	10.4				4.8	5.5
27	5.3 6			AG	4.7 6	6.0			2.5	2.7		
28			3.0					8.7				
29						8.2	7.0				11.8	3.3
30	4.7 6			AW	4.5 6				5.1	5.7		
31			6.5 V					7.7				
NO.:	9	9	11	8	10	4	10	10	10	10	10	10
MAX:	11.0	9.3	9.6	6.9	11.8	15.9	19.5	10.6	11.3	10.0	11.8	14.7
MEAN:	5.46	6.00	6.45	5.81	7.15	10.60	10.06	7.51	6.37	5.55	6.94	6.28
ANNUAL OBSERVATIONS:		111		ANNUAL MEAN:	6.86		ANNUAL MAX:	19.5				

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-105-0002 POC: 3
 COUNTY: (105) Lee
 CITY: (59280) Sanford
 SITE ADDRESS: 4110 Blackstone Drive
 SITE 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: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

MONITOR COMMENTS: EPA REGION 4 GRANTED DEQ DAQ PERMISSION TO OPERATE THIS MONITOR AS AN AQI ONLY MONITOR STARTING 2016(

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality

MONITOR TYPE: SFM

REPORT FOR: JANUARY 2015

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 Environmental Quality

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	10.9	13.1	20.4	15.5	17.4	13.4	13.6	20.4	16.4	11.9	11.1	10.2	13.6	11.4	12.1	11.4	10.7	14.6	14.3	11.6	15.9	14.6	10.7	14.6	24	20.4										
2	15.2	8.2	9.7	10.2	9.2	7.7	9.0	8.0	12.6	10.7	9.2	5.8	3.6	9.2	9.7	8.7	8.2	10.2	11.4	10.4	7.8	15.5	22.9	18.4	24	22.9										
3	19.4	20.6	17.2	14.1	12.9	17.6	13.6	14.6	12.6	9.4	11.9	8.5	5.3	5.8	5.1	6.3	5.3	4.8	6.3	5.1	6.1	5.3	4.6	11.9	24	20.6										
4	8.0	9.9	4.6	6.6	6.3	3.6	5.1	4.6	3.6	8.3	5.8	5.6	3.8	1.7	1.0	.0	6.6	7.8	8.5	4.9	2.3	4.9	4.3	3.6	24	9.9										
5	3.3	5.6	9.0	5.1	4.3	4.3	4.6	6.1	3.8	.5	1.8	5.1	9.2	6.1	5.1	4.8	7.3	8.5	6.8	5.3	9.7	9.4	7.8	8.2	24	9.7										
6	8.5	7.8	5.6	11.9	10.4	12.1	9.9	7.8	4.6	4.6	7.0	5.6	8.7	5.6	10.4	7.0	4.3	9.4	9.0	13.8	13.6	11.1	10.1	8.0	24	13.8										
7	8.2	13.3	11.1	10.9	9.2	9.7	10.7	10.9	6	14.1	13.1	15.3	8.0	11.9	7.1	8.7	7.3	6.0	6.8	4.6	3.8	5.1	8.7	9.2	6	15.5	6	24	15.5							
8	5.5	6	5.2	6	6.2	6	7.0	6	7.2	6	6.0	6	7.9	6	16.2	6	11.8	7	6.0	6	1.2	2.3	.7	2.5	5.8	7.0	5.8	6.8	8.0	5.3	12.1	9.2	12.8	11.4	24	16.2
9	9.9	9.9	9.9	9.2	9.7	11.4	9.2	14.3	7	13.3	8.2	7.0	6.5	8.4	7.0	9.9	9.9	15.0	15.4	14.1	13.3	19.6	22.6	19.1	11.3	24	22.6									
10	11.6	15.3	17.1	10.6	8.0	8.9	9.6	9.9	7.0	4.3	3.8	5.3	3.5	4.8	5.0	3.1	5.0	10.4	10.9	13.8	12.6	17.4	11.1	15.9	24	17.4										
11	15.5	12.6	18.4	14.8	19.4	15.8	12.6	14.3	22.3	17.1	17.9	7.5	9.4	7.5	8.0	11.8	9.6	15.9	7.3	16.4	11.8	11.4	7.7	12.3	24	22.3										
12	16.9	16.7	15.0	18.6	8.7	9.2	6.0	1.8	8.2	13.3	10.6	11.8	7.5	10.4	12.1	9.9	6.8	8.2	6.0	8.0	7.0	5.6	17.1	8.0	24	18.6										
13	10.9	9.4	17.9	16.2	7.5	7.5	10.2	10.4	7.7	7.0	7.5	11.1	9.7	11.9	13.1	12.6	8.5	11.9	14.8	14.8	11.9	11.4	13.3	12.4	24	17.9										
14	12.6	13.6	9.7	7.7	8.0	7.5	4.1	.9	4.8	11.4	8.2	7.7	5.1	10.9	9.9	7.5	8.2	14.6	12.6	13.1	7.3	6.1	5.3	7.3	24	14.6										
15	5.6	6.0	8.5	9.7	10.4	17.2	9.4	8.2	7.7	12.4	12.1	8.5	11.6	8.7	9.0	12.1	14.1	12.6	14.3	14.1	11.4	10.6	15.2	15.0	24	17.2										
16	18.1	18.1	18.4	15.5	10.7	17.9	19.4	16.9	13.1	BC	BC	BC	BC	BC	BC	BC	BC	12.8	9.9	7.5	8.2	6.0	8.0	8.0	15	19.4										
17	13.3	12.9	10.9	13.1	10.6	13.3	11.6	8.5	10.6	10.9	13.1	11.1	8.0	7.0	8.2	9.2	9.4	12.4	12.1	20.6	9.7	12.4	12.4	12.1	24	20.6										
18	15.2	15.2	11.6	16.2	8.4	15.5	16.9	10.1	15.9	12.8	8.7	7.5	8.2	15.5	11.6	8.2	5.3	6.6	6.1	8.0	5.6	6.0	7.5	6.0	24	16.9										
19	6.8	6.8	4.5	4.3	7.7	5.8	4.0	4.8	8.7	8.0	4.8	2.6	3.1	4.1	3.6	1.6	2.1	4.6	5.8	7.5	7.1	8.9	6.8	5.6	24	8.9										
20	6.8	7.0	6.6	9.7	7.0	6.5	9.9	12.4	8.7	8.0	6.1	4.6	4.6	6.6	8.2	7.5	11.9	16.7	18.4	18.4	21.8	18.1	18.4	23.8	24	23.8										
21	26.3	23.6	23.1	19.1	25.5	20.3	16.2	15.0	11.1	8.5	11.4	13.1	12.1	11.2	11.6	10.2	14.7	17.4	14.7	17.9	18.6	21.6	17.6	20.6	24	26.3										
22	28.3	24.5	29.7	27.0	21.8	22.8	24.3	24.8	25.3	23.1	25.5	15.7	7.5	8.2	7.8	5.8	8.5	8.7	15.4	15.4	18.9	11.1	10.2	11.4	24	29.7										
23	13.3	11.9	11.9	13.6	14.1	9.9	11.8	12.4	9.9	12.4	13.4	10.6	7.5	16.9	11.9	10.4	10.4	10.2	9.9	10.2	7.0	5.1	4.6	6.3	24	16.9										
24	4.8	6.5	5.1	5.1	5.5	4.0	4.3	3.3	3.3	3.8	5.6	8.0	5.6	6.8	6.8	6.0	7.1	9.2	7.8	9.7	8.0	10.4	9.7	12.6	24	12.6										
25	11.4	10.4	11.1	9.2	13.1	10.2	12.1	17.2	13.8	7.5	9.4	9.9	5.6	4.3	8.5	5.1	4.8	5.8	7.8	8.5	8.9	9.4	13.8	8.5	24	17.2										
26	7.5	13.1	13.3	8.7	9.2	12.1	9.2	14.7	12.4	13.4	10.9	16.2	12.9	11.9	17.9	14.3	16.9	15.5	14.8	15.3	15.3	16.7	9.4	8.7	24	17.9										
27	7.0	8.0	8.2	8.0	11.1	8.2	9.9	10.9	12.4	12.4	9.7	10.2	8.0	6.8	14.5	9.4	8.5	7.7	9.9	7.7	7.3	7.5	7.7	7.7	24	14.5										
28	6.0	11.6	14.1	11.6	14.7	17.6	15.9	11.4	6	13.1	6	10.9	10.6	10.4	8.7	13.3	9.4	11.1	10.9	9.9	12.8	12.8	14.0	19.1	14.9	11.1	24	19.1								
29	8.9	12.1	11.6	11.1	13.1	19.3	13.3	6	14.9	6	AX	2.8	1.6	3.3	6.5	9.7	12.4	11.3	14.3	15.4	13.8	11.9	10.4	8.4	9.4	15.7	23	19.3								
30	13.8	15.9	17.6	14.7	17.9	18.1	19.6	12.4	7.7	4.3	2.8	3.8	1.8	1.3	4.0	6.3	6.0	4.3	1.8	4.3	7.7	4.8	3.0	7.7	24	19.6										
31	7.0	5.3	3.0	3.3	4.3	6.5	5.5	5.8	6.5	6.5	5.5	3.3	2.8	5.3	4.6	4.6	5.3	5.5	8.9	16.9	14.1	12.1	13.3	13.3	24	16.9										
NO.:	31	31	31	31	31	31	31	31	30	30	30	30	30	30	30	30	30	30	31	31	31	31	31	31	31											
MAX:	28.3	24.5	29.7	27.0	25.5	22.8	24.3	24.8	25.3	23.1	25.5	16.2	13.6	16.9	17.9	14.3	16.9	17.4	18.4	20.6	21.8	22.6	22.9	23.8												
AVG:	11.50	11.94	12.29	11.56	11.07	11.61	10.95	11.09	10.77	9.45	8.98	7.99	7.16	7.98	8.86	8.01	8.58	10.26	10.38	11.25	10.84	11.08	10.84	11.38												

MONTHLY OBSERVATIONS: 734 MONTHLY MEAN: 10.26 MONTHLY MAX: 29.7

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-105-0002 POC: 3
 COUNTY: (105) Lee
 CITY: (59280) Sanford
 SITE ADDRESS: 4110 Blackstone Drive
 SITE COMMENTS:
 MONITOR COMMENTS: EPA REGION 4 GRANTED DEQ DAQ PERMISSION TO OPERATE THIS MONITOR AS AN AQI ONLY MONITOR STARTING 2016(

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: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality

MONITOR TYPE: SFM

REPORT FOR: FEBRUARY 2015

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 Environmental Quality

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	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0	
2	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0	
3	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0	
4	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0	
5	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AZ	AZ	4.0 6	4.3 6	4.0 6	4.8 6	7.0 6	5.3 6	3.8 6	9.1 6	6.5 6	8.0 6	10	9.1	
6	7.2 6	5.0 6	7.2 6	7.0 6	7.2 6	8.2 6	7.2 6	8.4 6	8.2 6	4.8 6	3.0 6	2.3 6	2.8 6	3.8 6	7.5 6	26.3 6	8.7 6	8.7 6	5.8 6	6.1 6	7.5 6	12.4 6	13.6 6	14.5 6	24	26.3	
7	12.9 6	12.6 6	11.6 6	11.4 6	10.4 6	12.1 6	13.1 6	12.9 6	13.1 6	15.5 6	9.7 6	10.7 6	11.2 6	16.5 6	11.4 6	12.4 6	10.4 6	12.6 6	13.9 6	17.0 6	14.4 6	17.0 6	17.4 6	13.1 6	24	17.4	
8	17.2 6	15.0 6	17.7 6	18.9 6	16.0 6	17.2 6	18.4 6	16.9 6	19.1 6	17.7 6	5.4 6	5.9 6	9.7 6	8.0 6	5.8 6	6.3 6	8.0 6	8.3 6	9.2 6	12.4 6	11.2 6	11.2 6	10.7 6	12.7 6	24	19.1	
9	11.2 6	9.9 6	12.4 6	11.4 6	9.2 6	10.0 6	10.7 6	15.0 6	9.7 6	14.1 6	12.1 6	8.8 6	10.2 6	14.1 6	14.1 6	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	15	15.0	
10	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	BA	5.1 6	6.1 6	7.8 6	8.7 6	6.3 6	7.1 6	6	8.7	
11	7.8 6	9.2 6	10.7 6	7.3 6	6.3 6	5.1 6	7.6 6	8.3 6	7.3 6	4.4 6	7.5 6	5.6 6	3.6 6	3.9 6	3.9 6	3.1 6	4.4 6	9.0 6	9.5 6	79.0 6	9.5 6	8.3 6	9.2 6	11.2 6	24	79.0	
12	15.2 6	9.0 6	6.6 6	11.7 6	11.4 6	11.2 6	10.2 6	AX	AX	9.2 6	10.5 6	14.4 6	17.7 6	18.9 6	16.5 6	3.6 6	13.4 6	10.4 6	3.6 6	.0 6	3.1 6	3.8 6	7.3 6	15.7 6	22	18.9	
13	6.1 6	7.3 6	8.5 6	6.3 6	4.9 6	3.6 6	6.3 6	7.1 6	9.0 6	5.6 6	1.6 6	2.6 6	3.1 6	6.1 6	6.3 6	7.3 6	4.6 6	10.9 6	7.8 6	8.3 6	12.6 6	36.9 6	13.1 6	12.2 6	24	36.9	
14	15.0 6	21.1 6	15.0 6	15.5 6	13.1 6	10.9 6	12.1 6	10.7 6	9.0 6	10.2 6	10.7 6	9.7 6	7.1 6	8.5 6	9.7 6	8.5 6	8.0 6	6.3 6	7.5 6	4.6 6	3.8 6	8.3 6	7.8 6	7.1 6	24	21.1	
15	12.9 6	9.9 6	7.3 6	6.1 6	4.6 6	3.5 6	5.3 6	5.1 6	2.8 6	2.8 6	4.3 6	4.1 6	3.3 6	2.1 6	2.1 6	3.3 6	6.6 6	6.6 6	5.6 6	6.8 6	5.8 6	6.3 6	8.7 6	7.3 6	24	12.9	
16	7.8 6	5.8 6	8.5 6	5.6 6	3.1 6	3.1 6	7.3 6	9.0 6	5.8 6	5.3 6	3.8 6	6.8 6	7.3 6	10.2 6	9.9 6	14.3 6	14.5 6	13.1 6	12.4 6	10.4 6	9.9 6	7.8 6	7.3 6	12.7 6	24	14.5	
17	11.4 6	8.5 6	6.6 6	5.6 6	8.5 6	9.7 6	8.5 6	9.0 6	10.4 6	12.7 6	7.1 6	9.7 6	13.5 6	11.4 6	12.9 6	15.2 6	1.9 6	9.2 6	7.3 6	15.7 6	20.2 6	18.4 6	25.8 6	23.6 6	24	25.8	
18	30.2 6	21.4 6	21.9 6	26.3 6	23.1 6	23.1 6	21.4 6	25.6 6	19.9 6	17.2 6	23.4 6	31.2 6	27.8 6	AT	AT	8.2 6	7.8 6	13.1 6	11.9 6	11.9 6	7.3 6	7.8 6	5.1 6	3.3 6	22	31.2	
19	6.3 6	4.6 6	5.4 6	6.3 6	7.5 6	4.8 6	9.4 6	14.3 6	10.1 6	6.8 6	6.6 6	8.0 6	8.3 6	9.5 6	8.7 6	11.4 6	9.2 6	7.5 6	7.6 6	7.1 6	10.9 6	14.7 6	9.9 6	10.1 6	24	14.7	
20	13.4 6	9.9 6	9.4 6	11.9 6	9.4 6	10.8 6	10.8 6	12.3 6	9.1 6	10.7 6	11.7 6	9.4 6	13.1 6	9.2 6	12.6 6	8.7 6	9.0 6	13.4 6	9.7 6	14.8 6	16.7 6	12.7 6	12.9 6	16.2 6	24	16.7	
21	10.2 6	14.5 6	12.1 6	12.4 6	13.4 6	16.2 6	13.6 6	13.8 6	12.1 6	11.9 6	12.4 6	9.5 6	8.0 6	10.2 6	7.1 6	8.0 6	7.6 6	12.2 6	10.4 6	10.0 6	17.7 6	14.0 6	13.6 6	12.9 6	24	17.7	
22	16.7 6	18.2 6	18.7 6	18.2 6	17.4 6	19.9 6	20.4 6	14.6 6	18.4 6	8.8 6	13.6 6	15.3 6	14.3 6	19.2 6	12.2 6	12.4 6	13.7 6	19.2 6	9.7 6	12.4 6	10.2 6	15.0 6	11.9 6	18.2 6	24	20.4	
23	19.7	18.0	21.2	14.2	17.2	9.0	9.2	7.6	9.0	7.3	9.5	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	11	21.2
24	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
25	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
26	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
27	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
28	DL	DL	DL	DL	DL	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0	
29																										0	
30																										0	
31																										0	
NO.:	17	17	17	17	17	17	17	16	16	17	17	16	16	15	16	16	16	16	17	17	17	17	17	17	17		
MAX:	30.2	21.4	21.9	26.3	23.1	23.1	21.4	25.6	19.9	17.7	23.4	31.2	27.8	19.2	16.5	26.3	14.5	19.2	13.9	79.0	20.2	36.9	25.8	23.6			
AVG:	13.01	11.76	11.81	11.54	10.75	10.49	11.26	11.91	10.81	9.71	8.99	9.63	10.06	10.11	9.04	9.58	8.24	10.33	8.47	13.41	10.14	12.49	11.01	12.11			

MONTHLY OBSERVATIONS: 398 MONTHLY MEAN: 10.71 MONTHLY MAX: 79.0

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-105-0002 POC: 3
 COUNTY: (105) Lee
 CITY: (59280) Sanford
 SITE ADDRESS: 4110 Blackstone Drive
 SITE COMMENTS:
 MONITOR COMMENTS: EPA REGION 4 GRANTED DEQ DAQ PERMISSION TO OPERATE THIS MONITOR AS AN AQI ONLY MONITOR STARTING 2016

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: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2015

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	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	
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	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
6	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	
7	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	
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	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
10	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	
11	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
12	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AX	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
13	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	
14	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	
15	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	
16	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	BA	17.5	5.4	7.1	5.4	3.4	5	17.5	
17	7.6	8.3	11.7	8.5	10.2	7.8	10.2	14.7	12.0	7.1	3.9	2.9	5.2	3.2	2.9	2.9	4.4	9.5	9.5	7.6	8.3	7.4	11.7	8.3	24	14.7	
18	9.7	5.9	2.4	2.1	1.9	4.9	4.9	1.7	2.9	3.6	2.6	1.4	1.7	2.4	1.1	2.9	2.9	2.9	6.1	8.0	8.3	7.8	15.7	20.4	24	20.4	
19	10.5	31.7	34.0	22.9	18.2	13.9	16.5	13.2	16.0	10.5	11.9	14.1	15.0	18.9	14.8	17.4	18.0	16.7	17.0	17.5	9.5	9.5	9.7	6.6	24	34.0	
20	7.6	5.9	4.9	3.6	4.6	3.4	2.4	1.2	7.8	5.6	3.9	2.4	1.9	2.9	4.9	4.9	9.0	8.1	9.7	8.3	7.1	7.4	10.5	5.9	24	10.5	
21	7.1	7.8	5.6	8.3	13.4	11.2	13.2	10.0	8.3	8.5	7.8	9.0	11.2	8.1	5.2	5.9	6.9	9.0	6.6	19.2	22.9	24.4	23.9	16.5	24	24.4	
22	18.4	15.7	11.9	12.4	17.0	10.7	11.0	12.7	11.9	13.4	10.3	11.2	10.5	10.5	10.5	14.7	33.7	40.6	27.9	46.7	32.0	17.0	30.3	21.9	24	46.7	
23	21.7	33.7	21.4	10.2	13.7	12.7	14.8	10.2	11.4	7.3	8.1	8.3	5.2	4.1	8.6	8.3	10.0	10.5	9.0	11.0	8.8	11.4	10.2	13.9	24	33.7	
24	12.2	13.4	9.5	11.7	9.7	7.6	6.4	9.7	8.1	4.2	5.9	6.1	4.9	5.9	5.9	6.6	6.9	16.8	17.5	23.4	13.2	14.2	15.7	11.0	24	23.4	
25	10.5	13.6	7.6	8.5	6.9	5.4	8.0	7.4	5.9	10.5	11.9	10.0	11.7	8.8	13.4	8.1	10.2	11.2	12.0	12.4	13.2	12.2	11.2	14.7	24	14.7	
26	11.7	10.7	9.0	4.9	2.7	2.4	9.5	7.1	BA	4.4	5.2	7.4	4.9	3.4	3.7	8.6	13.0	8.3	10.5	10.8	13.4	12.0	11.7	9.3	23	13.4	
27	8.3	12.0	13.0	9.1	7.4	7.1	5.6	3.6	1.9	5.2	3.9	1.8	1.3	1.8	2.7	1.1	.8	5.2	4.7	2.2	1.3	.3	3.2	3.6	24	13.0	
28	4.4	3.4	6.1	6.4	8.5	7.6	7.1	6.1	4.6	6.4	6.9	2.6	1.4	3.9	4.4	4.1	4.6	6.1	9.8	10.5	7.8	5.9	8.8	7.3	24	10.5	
29	6.1	5.4	5.6	5.6	6.6	6.1	8.1	6.9	6.3	5.4	6.1	5.4	2.9	1.4	1.7	3.4	.5	2.1	6.6	6.1	4.4	12.4	8.3	6.1	24	12.4	
30	4.4	6.9	5.9	6.1	5.4	3.4	6.9	4.9	4.4	10.0	8.3	11.9	10.0	7.6	11.0	14.6	8.3	8.3	10.2	8.6	11.9	12.4	8.5	7.8	24	14.6	
31	9.0	7.1	5.9	8.8	10.5	15.0	10.5	7.1	4.6	3.6	2.9	3.4	15.5	7.6	6.9	5.4	3.7	2.2	6.1	5.7	6.4	10.7	9.8	13.2	24	15.5	
NO.:	15	15	15	15	15	15	15	15	14	15	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16		
MAX:	21.7	33.7	34.0	22.9	18.2	15.0	16.5	14.7	16.0	13.4	11.9	14.1	15.5	18.9	14.8	17.4	33.7	40.6	27.9	46.7	32.0	24.4	30.3	21.9			
AVG:	9.95	12.10	10.30	8.61	9.11	7.95	9.01	7.77	7.58	7.05	6.64	6.53	6.89	6.03	6.51	7.26	8.86	10.50	10.88	13.47	10.87	10.76	12.16	10.62			

MONTHLY OBSERVATIONS: 364 MONTHLY MEAN: 9.10 MONTHLY MAX: 46.7

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-105-0002 POC: 3
 COUNTY: (105) Lee
 CITY: (59280) Sanford
 SITE ADDRESS: 4110 Blackstone Drive
 SITE COMMENTS:
 MONITOR COMMENTS: EPA REGION 4 GRANTED DEQ DAQ PERMISSION TO OPERATE THIS MONITOR AS AN AQI ONLY MONITOR STARTING 2016

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: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM

REPORT FOR: APRIL 2015

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 Environmental Quality

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	12.9	15.1	17.5	10.2	9.0	15.3	10.5	10.2	7.8	9.0	8.1	5.9	4.9	5.9	8.6	5.7	6.9	5.4	8.8	11.4	11.7	6.9	15.1	9.3	24	17.5	
2	11.0	8.1	10.0	14.2	8.6	6.9	6.9	7.8	6.9	4.2	1.9	4.4	3.4	2.6	1.9	2.7	6.9	8.8	13.0	9.0	12.4	12.2	13.9	5.1	24	14.2	
3	15.3	9.0	9.0	5.6	AN	AN	AN	AN	11.0	AN	AN	AN	AN	AN	3.4	AN	8.3	4.4	.3	AN	AN	AN	AN	AN	9	15.3	
4	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	4.7	7.4	5.6	1.7	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	4	7.4
5	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0	
6	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	10.2	10.8	6.9	6.2	9.8	9.5	10.8	9.1	8.8	11.2	9.3	11	11.2	
7	7.9	11.0	12.0	11.2	9.8	11.0	8.1	4.4	8.1	9.5	11.0	8.3	10.3	12.5	12.2	9.3	8.8	14.0	16.3	12.5	12.7	17.2	18.5	12.7	24	18.5	
8	11.5	11.7	10.3	9.3	8.8	10.3	10.0	13.2	11.7	16.8	15.2	15.0	15.3	15.6	9.6	7.2	8.6	9.6	17.0	17.0	16.3	14.4	19.7	13.9	24	19.7	
9	15.6	18.0	11.2	12.2	11.5	10.3	8.1	8.8	8.4	BA	AX	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	9	18.0	
10	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
11	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
12	DL	DL	DL	DL	DL	DL	DL	AV	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
13	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
14	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	AV	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
15	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
16	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
17	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	AV	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
18	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
19	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	AV	AV	AV	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
20	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
21	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
22	AS	AS	AS	AS	AS	AS	AS	AS	AS	AX	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
23	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
24	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
25	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
26	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
27	DL	DL	DL	DL	DL	DL	DL	DL	DL	BA	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
28	AS	AS	AS	AS	AS	AS	AS	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.:	6	6	6	6	5	5	5	5	6	4	4	5	5	6	7	5	6	6	6	5	5	5	5	5	5		
MAX:	15.6	18.0	17.5	14.2	11.5	15.3	10.5	13.2	11.7	16.8	15.2	15.0	15.3	15.6	12.2	9.3	8.8	14.0	17.0	17.0	16.3	17.2	19.7	13.9			
AVG:	12.37	12.15	11.67	10.45	9.54	10.76	8.72	8.88	8.98	9.88	9.05	7.66	8.26	8.73	6.89	6.36	7.62	8.67	10.82	12.14	12.44	11.90	15.68	10.06			

MONTHLY OBSERVATIONS: 129 MONTHLY MEAN: 9.96 MONTHLY 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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-105-0002 POC: 3
 COUNTY: (105) Lee
 CITY: (59280) Sanford
 SITE ADDRESS: 4110 Blackstone Drive
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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: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality

MONITOR TYPE: SFM

REPORT FOR: MAY 2015

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 Environmental Quality

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	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	
2	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	
3	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	
4	AS	AS	AS	AS	AS	AS	AS	AS	AS	BC	BC	BC	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
5	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
6	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
7	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
8	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	AX	AX	3.5	4.2	5.7	3.9	3.9	4.7	5.9	4.7	3.4	4.4	9.6	7.2	12	9.6	
9	8.4	5.2	2.7	5.9	4.9	5.4	5.7	5.4	4.2	8.7	5.7	7.2	5.9	7.2	6.9	2.5	1.3	8.2	6.7	4.5	7.9	8.2	9.1	6.2	24	9.1	
10	6.5	7.4	7.2	7.9	5.2	3.7	3.2	8.4	5.7	6.7	3.2	4.0	5.7	3.5	2.2	1.8	6.7	8.2	6.2	4.2	5.0	6.2	5.4	5.4	24	8.4	
11	3.0	7.2	11.8	7.7	5.7	6.2	5.9	5.2	6.5	8.4	6.7	5.6	4.2	6.9	7.6	8.1	5.7	6.1	10.8	8.4	19.3	15.6	13.5	13.0	24	19.3	
12	15.6	17.5	15.2	17.6	16.6	14.4	11.6	15.6	16.1	17.7	21.1	17.7	17.7	20.4	18.9	18.2	16.8	15.3	13.7	14.7	11.8	11.3	17.0	12.3	24	21.1	
13	10.8	11.5	12.5	12.0	8.4	5.7	6.7	7.4	BJ	BJ	BJ	13.5	7.9	9.6	9.9	5.4	1.1	.1	13.2	7.7	8.1	6	9.8	12.7	9.3	21	13.5
14	13.4	9.6	8.9	12.0	10.1	11.3	8.1	7.9	8.1	6.9	6.7	8.1	9.1	7.4	7.4	6.7	7.9	8.4	7.1	9.1	12.2	13.7	14.1	6	14.6	24	14.6
15	12.2	15.0	16.0	14.6	14.4	11.0	13.4	9.1	6.4	AZ	AZ	9.1	9.1	15.3	13.7	9.6	13.9	14.9	11.0	21.4	16.8	16.0	12.3	13.0	22	21.4	
16	13.0	13.7	12.5	13.0	11.7	11.7	16.0	13.2	15.1	9.4	10.3	12.3	12.5	17.1	16.1	13.7	10.3	13.2	17.3	19.7	13.9	18.0	14.9	12.0	24	19.7	
17	14.2	9.8	14.2	11.1	7.4	6.9	9.8	10.1	10.1	8.6	10.1	12.5	13.0	13.5	11.3	11.3	12.5	15.1	13.2	17.0	14.4	16.5	12.0	11.8	24	17.0	
18	12.7	9.8	10.3	5.4	6.2	7.7	5.4	5.2	9.1	13.7	11.1	7.5	9.6	9.4	7.9	11.1	10.4	13.0	9.9	12.5	10.3	9.4	9.1	7.7	24	13.7	
19	4.9	4.5	3.0	2.7	5.9	3.4	5.2	7.4	AX	AX	8.4	6.5	5.5	7.4	7.9	7.4	3.2	.1	3.2	1.1	6.2	5.4	3.5	6.2	22	8.4	
20	5.2	8.9	9.1	8.4	8.6	9.1	8.9	11.3	9.4	6.5	7.7	5.7	5.9	5.9	5.0	3.0	1.2	4.7	9.1	9.4	12.3	12.7	12.2	11.8	24	12.7	
21	10.8	9.4	10.3	7.9	9.9	8.9	20.0	16.1	12.8	15.6	15.2	9.2	15.0	17.5	15.6	13.7	8.4	11.1	12.7	12.8	11.1	12.7	12.2	13.9	24	20.0	
22	12.8	13.2	8.6	7.6	4.4	5.2	4.7	8.9	11.7	7.7	6.2	3.7	2.0	3.2	5.7	7.9	6.9	7.4	6.9	10.8	10.5	11.7	7.9	5.6	24	13.2	
23	7.1	9.1	11.5	9.1	8.4	9.3	8.4	9.1	7.4	8.6	13.2	8.6	5.4	3.7	4.4	5.2	8.1	6.9	11.5	11.8	11.0	15.8	16.1	14.7	24	16.1	
24	18.7	16.3	9.6	18.2	14.4	18.5	8.9	9.3	6.7	7.0	5.9	9.4	5.7	6.7	5.7	8.9	8.1	7.9	13.2	12.0	9.4	13.0	12.7	12.5	24	18.7	
25	8.6	8.4	12.7	9.3	8.1	11.5	7.4	5.9	6.2	7.7	9.9	7.7	5.0	6.2	9.6	7.2	10.6	8.9	9.4	8.2	13.0	9.1	5.7	6.7	24	13.0	
26	9.9	9.8	5.9	7.4	7.7	4.4	8.1	17.1	9.6	7.9	6.5	2.2	2.2	4.7	2.7	1.8	2.7	8.9	21.9	5.2	4.5	12.5	38.2	5.0	24	38.2	
27	6.4	2.7	2.0	2.0	.1	1.7	3.0	9.6	6.7	6.9	4.7	1.4	1.6	2.5	1.3	.0	1.1	4.7	5.2	8.7	5.0	2.7	3.2	4.2	24	9.6	
28	5.7	5.0	3.5	5.4	5.7	6.5	4.2	3.7	7.9	8.9	8.7	12.8	15.1	8.2	7.0	10.1	7.4	8.2	7.2	9.9	19.8	7.2	10.3	7.5	24	19.8	
29	4.7	9.4	9.6	9.6	8.4	4.7	4.5	4.2	10.6	9.7	6.0	4.0	8.2	7.5	5.0	2.8	6.7	4.5	6.2	22.2	48.4	31.7	13.2	7.9	24	48.4	
30	10.8	13.7	10.1	18.0	67.6	27.4	26.7	54.7	37.7	7.4	4.2	.3	3.7	5.0	3.7	5.5	7.0	8.4	11.8	13.5	16.1	10.9	28.1	15.0	24	67.6	
31	8.4	4.5	9.4	7.4	12.8	7.7	8.4	9.1	5.5	5.5	3.5	6.0	7.9	7.7	8.4	15.1	10.3	7.7	5.7	11.1	8.6	7.9	8.1	5.7	24	15.1	
NO.:	23	23	23	23	23	23	23	23	21	20	21	23	24	24	24	24	24	24	24	24	24	24	24	24	24		
MAX:	18.7	17.5	16.0	18.2	67.6	27.4	26.7	54.7	37.7	17.7	21.1	17.7	17.7	20.4	18.9	18.2	16.8	15.3	21.9	22.2	48.4	31.7	38.2	15.0			
AVG:	9.73	9.63	9.42	9.57	10.98	8.80	8.88	11.04	10.17	8.98	8.33	7.61	7.56	8.36	7.90	7.54	7.18	8.19	9.96	10.86	12.46	11.77	12.55	9.55			

MONTHLY OBSERVATIONS: 557 MONTHLY MEAN: 9.46 MONTHLY MAX: 67.6

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-105-0002 POC: 3
 COUNTY: (105) Lee
 CITY: (59280) Sanford
 SITE ADDRESS: 4110 Blackstone Drive
 SITE COMMENTS:
 MONITOR COMMENTS: EPA REGION 4 GRANTED DEQ DAQ PERMISSION TO OPERATE THIS MONITOR AS AN AQI ONLY MONITOR STARTING 2016(

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: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM

REPORT FOR: JUNE 2015

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 Environmental Quality

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	2.2	2.5	1.7	.6	4.4	4.7	4.7	7.4	6.2	8.2	4.7	2.5	9.4	13.0	14.7	7.9	1.7	3.7	5.5	4.0	6.9	6.7	6.5	7.4	24	14.7
2	8.2	8.4	7.7	11.1	6.7	3.5	3.0	AX	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	7	11.1
3	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0	
4	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	BA	BA	BA	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
5	AS	AS	AS	AS	AS	AS	AS	BA	BA	AX	2.1	1.3	1.6	1.6	- .5	-4.0	-4.7	-4.2	-1.3	.1	.6	.1	.3	- .1	14	2.1
6	.3	7.2	7.7	6.7	3.7	3.7	3.2	5.4	9.4	6.0	5.7	9.4	8.2	6.7	7.5	7.5	6.7	12.0	8.0	9.9	13.2	10.4	12.5	9.4	24	13.2
7	12.5	12.3	10.6	11.1	12.8	8.4	6.0	3.5	5.7	5.2	3.0	5.5	4.5	6.7	6.2	8.5	6.0	5.7	11.3	8.2	9.9	7.4	9.4	8.9	24	12.8
8	8.4	7.2	8.7	8.2	5.2	7.7	6.4	8.2	5.0	3.5	7.2	7.0	10.4	9.7	7.5	6.7	AJ	AN	AN	AN	AN	AN	AN	AN	16	10.4
9	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
10	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	
11	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	AX	- .1	- .1	.3	5.4	14.2	31.0	45.4	18.0	7.2	9	45.4
12	4.4	6.4	5.9	4.4	9.4	10.1	6.2	2.4	1.6	4.4	6.7	6.7	4.9	7.4	7.2	6.4	8.4	8.1	13.4	10.6	5.9	2.7	2.0	3.9	24	13.4
13	8.1	5.9	6.6	9.4	4.6	1.5	2.9	3.4	5.7	4.7	5.9	5.2	9.4	5.9	6.2	8.1	9.6	4.1	3.9	8.6	5.9	6.4	7.6	16.3	24	16.3
14	7.9	9.8	11.5	8.6	7.1	8.4	5.2	2.3	5.9	5.2	15.6	15.6	9.4	13.2	10.1	15.1	16.3	14.9	11.3	19.2	14.7	13.7	16.5	11.0	24	19.2
15	15.1	19.4	15.1	18.5	12.5	12.5	11.7	14.0	10.8	12.5	10.1	9.1	10.1	9.1	8.6	8.1	9.1	11.5	13.2	19.0	14.6	17.7	11.0	16.0	24	19.4
16	12.2	12.7	12.0	17.0	18.7	17.0	17.5	13.7	BA	AX	15.4	16.8	11.5	14.9	12.2	15.0	15.3	16.0	13.7	16.0	26.1	23.6	26.8	16.5	22	26.8
17	17.0	18.2	17.0	10.5	7.4	10.3	13.4	10.5	11.1	7.4	9.6	10.3	8.4	4.9	2.7	4.1	13.9	10.1	7.6	19.4	11.5	15.5	10.6	10.0	24	19.4
18	6.4	9.1	6.9	9.6	11.3	10.5	6.2	2.7	7.9	15.7	18.5	14.4	13.0	12.0	11.2	11.2	20.7	17.3	AJ	AJ	AJ	AJ	AJ	AJ	18	20.7
19	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AX	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	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	0	
22	AS	AS	AS	AS	AS	AS	AS	AS	AS	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	BC	BC	13.2	24.6	15.8	13.7	9.3	20.9	19.9	19.7	20.5	21.0	21.9	20.5	16.3	23.2	14	24.6
24	26.2	15.7	20.2	23.0	22.2	25.4	21.5	28.2	28.9	20.7	14.0	16.8	15.0	18.5	8.3	19.7	18.3	24.2	20.7	19.5	19.7	22.7	30.5	27.9	24	30.5
25	21.5	29.3	26.2	19.5	22.0	14.3	16.1	16.6	14.0	10.8	14.7	18.8	22.7	23.5	25.0	24.7	25.4	25.8	27.5	21.2	23.5	27.2	25.8	21.5	24	29.3
26	28.2	28.4	22.2	21.5	24.2	19.5	27.0	23.2	23.2	25.7	25.2	19.0	25.4	23.5	18.0	28.6	25.7	22.0	26.7	21.3	23.2	19.0	15.5	15.7	24	28.6
27	13.5	18.8	14.0	10.1	13.8	8.4	13.0	14.5	15.5	14.0	21.8	19.3	21.8	13.3	10.8	17.6	9.3	15.2	9.6	12.3	9.6	11.1	16.1	21.3	24	21.8
28	12.3	8.4	19.0	15.6	16.6	15.9	11.6	12.0	9.8	9.1	8.4	11.3	14.3	9.8	10.5	8.4	14.3	12.5	17.3	14.3	9.1	20.8	13.3	10.3	24	20.8
29	13.8	14.8	17.9	15.9	10.1	11.8	14.3	19.3	25.5	14.3	17.3	14.7	15.6	15.4	12.5	16.4	13.8	15.2	17.6	23.5	27.5	32.8	20.5	25.5	24	32.8
30	19.8	20.1	22.8	21.0	14.8	20.3	23.0	AX	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	7	23.0
31																									0	
NO.:	19	19	19	19	19	19	19	17	16	16	19	19	19	19	19	20	19	19	18	18	18	18	18	18	18	
MAX:	28.2	29.3	26.2	23.0	24.2	25.4	27.0	28.2	28.9	25.7	25.2	24.6	25.4	23.5	25.0	28.6	25.7	25.8	27.5	23.5	31.0	45.4	30.5	27.9		
AVG:	12.53	13.40	13.35	12.75	11.97	11.26	11.21	11.02	11.64	10.46	11.53	12.02	12.18	11.73	9.89	11.54	12.08	12.32	12.88	14.57	15.27	16.87	14.40	13.99		

MONTHLY OBSERVATIONS: 443 MONTHLY MEAN: 12.53 MONTHLY MAX: 45.4

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-105-0002 POC: 3
 COUNTY: (105) Lee
 CITY: (59280) Sanford
 SITE ADDRESS: 4110 Blackstone Drive
 SITE COMMENTS:
 MONITOR COMMENTS: EPA REGION 4 GRANTED DEQ DAQ PERMISSION TO OPERATE THIS MONITOR AS AN AQI ONLY MONITOR STARTING 2016

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: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality

MONITOR TYPE: SFM

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2015

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	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
2	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
3	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
4	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
5	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
6	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
7	DL	DL	DL	DL	DL	DL	DL	DL	DL	BA	BA	BA	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
8	DL	DL	DL	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0	
9	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
10	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0	
11	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0	
12	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0	
13	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
14	DL	DL	DL	DL	DL	BA	BA	BA	BA	BA	BA	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	0	
15	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	0	
16	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	BC	BC	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	0	
17	BJ	BJ	BJ	BJ	BJ	BJ	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
18	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
19	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
20	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
21	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
22	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	AX	BA	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
23	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	BA	BA	1.4	9.9	8.4	8.7	10.9	7.9	8.4	12.0	11.3	14.2	10	14.2	
24	12.0	12.0	14.5	10.6	13.5	12.0	10.6	10.8	12.0	18.5	11.8	11.8	15.4	18.6	19.8	14.7	14.7	17.1	17.3	18.8	86.4IP	106.6IP	66.2IP	168.8IP	24	168.8	
25	110.3IP	53.7IP	40.6IP	30.1IP	23.6IP	63.2IP	50.8IP	28.4	22.7	17.8	18.5	15.6	13.7	15.3	16.1	16.8	13.7	14.0	14.2	36.7IP	35.4IP	42.5IP	31.5IP	43.0IP	24	110.3	
26	43.0IP	20.7IP	22.9IP	28.7IP	50.8IP	19.5	35.7	17.5	14.0	11.5	11.6	14.4	15.8	12.0	18.5	9.4	15.3	11.1	14.2	15.8	15.8	16.1	17.5	14.4	24	50.8	
27	12.0	6.9	8.6	8.9	9.1	10.8	12.5	13.5	8.6	13.5	9.9	9.9	10.4	12.5	14.7	11.6	12.8	15.1	14.7	11.1	14.7	11.3	10.8	10.3	24	15.1	
28	11.3	9.2	6.7	5.0	5.0	6.7	7.2	9.9	7.5	BA	BA	22.4	9.6	17.6	18.8	20.5	22.7	15.0	12.1	10.9	14.2	21.7	15.8	11.8	22	22.7	
29	10.9	7.9	12.8	11.3	14.0	12.8	12.0	9.4	8.4	5.9	7.4	BA	BA	16.1	11.8	16.8	18.5	14.9	22.0	21.7	18.3	15.6	15.6	22.7	22	22.7	
30	14.2	16.8	17.3	20.5	12.0	15.2	13.0	9.6	9.9	14.2	12.8	11.1	19.0	13.7	17.3	21.0	19.5	20.7	15.6	24.7	21.2	17.8	22.5	26.4	24	26.4	
31	25.9	14.7	12.5	10.1	13.2	15.6	8.4	9.9	10.8	11.8	13.2	13.0	10.6	10.1	10.8	9.6	10.1	17.1	14.7	14.2	12.0	17.8	14.4	15.4	24	25.9	
NO.:	8	8	8	8	8	8	8	8	8	7	7	7	7	8	9	9	9	9	9	9	9	9	9	9	9		
MAX:	110.3	53.7	40.6	30.1	50.8	63.2	50.8	28.4	22.7	18.5	18.5	22.4	19.0	18.6	19.8	21.0	22.7	20.7	22.0	36.7	86.4	106.6	66.2	168.8			
AVG:	29.95	17.74	16.99	15.65	17.65	19.48	18.78	13.63	11.74	13.31	12.17	14.03	13.50	14.49	14.36	14.48	15.08	14.86	15.08	17.98	25.16	29.04	22.84	36.33			

MONTHLY OBSERVATIONS: 198 MONTHLY MEAN: 18.32 MONTHLY MAX: 168.8

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: 37-105-0002 POC: 3
COUNTY: (105) Lee
CITY: (59280) Sanford
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SITE COMMENTS:
MONITOR COMMENTS: EPA REGION 4 GRANTED DEQ DAQ PERMISSION TO OPERATE THIS MONITOR AS AN AQI ONLY MONITOR STARTING 2016

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

CAS NUMBER:
LATITUDE: 35.4325
LONGITUDE: -79.2887
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 131
PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality

MONITOR TYPE: SFM

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2015

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	14.4	22.9	16.1	25.1	22.9	12.7	10.6	15.7	14.4	11.3	11.1	9.9	12.3	10.4	9.9	6.7	13.7	9.4	13.7	12.5	18.5	13.7	14.9	14.7	24	25.1															
2	15.6	15.2	13.9	15.8	12.0	14.7	12.0	11.3	9.8	9.4	8.9	12.3	7.9	7.7	6.9	7.2	10.3	10.8	11.8	15.6	12.9	12.0	20.6	24.3	24	24.3															
3	14.3	18.5	23.1	14.4	15.3	16.3	20.4	16.3	15.2	11.8	15.6	11.8	7.9	16.1	15.8	11.3	14.8	20.7	15.2	14.7	20.2	20.4	16.2	20.4	24	23.1															
4	29.2	22.6	25.3	22.8	22.1	19.4	21.1	19.9	11.3	15.4	12.3	10.8	11.3	9.6	9.9	10.1	18.1	13.5	13.2	9.9	13.2	11.0	14.6	11.0	24	29.2															
5	9.8	11.7	9.3	11.4	10.3	9.3	8.3	13.5	16.6	13.7	AX	AX	15.9	13.7	14.7	11.8	13.0	10.8	16.1	16.6	12.8	18.0	18.2	20.4	22	20.4															
6	17.2	16.3	15.6	11.7	17.5	18.7	13.7	21.9	21.2	15.2	17.5	22.7	23.2	22.7	20.5	20.7	7.8	4.9	10.5	13.1	9.8	8.8	8.6	11.2	24	23.2															
7	11.0	12.7	12.2	9.1	8.9	10.2	12.0	16.7	11.9	12.0	10.3	12.5	11.3	15.7	20.7	21.4	17.0	20.2	15.9	22.4	15.4	18.0	14.7	18.9	24	22.4															
8	24.6	23.2	21.0	19.2	14.2	19.2	16.0	17.5	19.2	12.0	13.7	13.5	13.7	12.3	10.1	9.4	8.2	12.8	9.9	15.8	12.7	14.7	12.8	13.0	24	24.6															
9	14.3	14.7	14.4	11.5	16.8	11.8	15.3	16.7	11.0	13.0	8.4	7.7	9.6	9.9	12.5	9.2	11.3	11.3	15.8	16.2	16.2	11.2	15.1	15.4	24	16.8															
10	17.2	16.2	13.9	9.8	10.0	7.1	7.9	14.4	9.5	7.1	9.8	12.2	14.9	11.7	12.0	17.3	17.5	17.0	21.2	13.4	17.2	11.2	14.4	16.3	24	21.2															
11	6.4	10.5	10.1	10.8	10.8	7.4	16.3	12.2	19.0	7.0	4.2	4.8	5.0	2.8	6.5	7.0	5.7	10.1	14.0	9.4	8.5	7.2	7.0	5.0	24	19.0															
12	4.7	8.2	8.4	7.5	10.1	9.4	6.7	14.2	6	12.1	6	9.9	9.7	11.8	10.4	8.7	8.2	10.4	9.2	7.2	12.8	11.3	17.1	14.5	14.7	24	17.1														
13	14.9	18.0	16.3	8.2	18.1	11.8	11.1	11.1	6	12.3	6	13.0	6	10.1	6	15.6	15.6	13.3	11.8	10.2	10.9	14.7	18.3	18.5	16.8	15.7	17.3	24	18.5												
14	17.8	17.1	14.7	16.1	12.5	14.4	16.6	12.8	18.8	6	12.3	6	15.9	6	11.6	6	12.3	6	14.0	12.8	10.4	14.5	13.0	15.2	19.5	17.6	16.3	18.8	16.1	24	19.5										
15	29.8	33.0	34.7	30.3	29.1	31.0	29.4	25.4	6	14.5	6	14.0	6	13.5	6	12.8	6	13.0	6	14.5	6	13.3	6	13.7	11.3	15.9	15.2	17.8	15.0	19.3	19.8	20.5	24	34.7							
16	16.6	6	21.5	6	15.8	18.3	10.8	15.8	13.7	12.1	6	19.0	6	14.5	6	14.5	6	15.4	6	12.8	14.7	19.0	16.6	14.5	14.0	19.5	17.3	15.0	19.0	24	21.5										
17	14.7	15.4	13.3	6	15.0	6	15.2	13.0	15.5	15.7	6	22.2	6	AZ	AZ	18.1	21.0	17.6	17.6	20.0	13.2	19.0	21.0	17.6	14.5	13.7	10.8	20.7	22	22.2											
18	12.3	15.9	14.4	17.5	18.5	16.3	13.5	13.3	15.9	13.2	14.0	8.2	8.9	11.3	9.2	6.7	9.4	6.7	5.2	3.0	.9	3.2	7.0	11.1	24	18.5															
19	6.0	7.4	9.9	7.0	8.9	12.0	7.9	9.4	8.9	7.2	17.3	10.6	11.3	11.8	16.6	10.6	10.6	17.8	8.2	14.2	9.4	8.9	5.2	4.7	24	17.8															
20	6.5	5.7	4.2	5.2	8.9	10.4	9.2	15.7	14.5	10.1	7.5	13.7	7.5	8.9	9.4	9.4	17.1	9.4	14.5	12.1	15.9	10.1	9.6	9.7	24	17.1															
21	7.9	12.3	10.4	13.7	10.9	9.9	9.4	11.1	10.8	7.7	12.8	15.0	13.5	10.4	9.9	7.9	15.7	14.0	10.1	8.9	17.8	14.2	15.9	15.9	24	17.8															
22	12.0	12.8	11.6	14.2	15.7	15.6	19.5	14.0	14.5	11.3	13.0	9.6	14.5	9.6	8.4	9.9	11.6	14.9	12.5	18.3	22.0	13.0	11.1	12.2	24	22.0															
23	13.5	16.8	13.2	11.7	14.7	17.0	14.1	17.0	11.5	20.7	11.6	13.7	14.9	15.6	14.0	13.5	18.3	19.5	19.7	15.7	17.3	18.0	17.3	15.7	24	20.7															
24	18.0	17.0	15.4	21.4	17.0	18.5	16.3	19.5	18.5	21.5	22.7	20.7	22.9	19.5	16.3	12.3	8.4	5.9	14.2	9.4	11.8	11.6	14.5	8.7	24	22.9															
25	12.5	13.0	12.8	10.6	10.6	11.6	13.2	13.7	14.9	12.3	11.6	13.5	AX	AX	11.6	18.0	9.2	15.0	15.7	15.7	16.3	16.1	13.5	11.1	22	18.0															
26	17.6	15.2	10.6	9.2	14.5	12.3	11.6	11.1	9.6	11.1	19.2	14.5	17.0	14.0	14.0	16.0	18.0	13.0	20.0	26.0	17.0	14.0	17.0	20.0	24	26.0															
27	17.0	16.0	18.0	17.0	21.0	11.0	19.0	16.0	13.0	15.0	BA	BA	17.8	16.8	15.2	17.3	19.5	14.4	13.2	18.0	6	13.4	6	19.4	6	15.9	6	16.2	6	22	21.0										
28	15.9	6	16.7	6	14.8	6	12.4	6	21.3	6	18.0	12.0	13.8	9.1	15.9	13.0	12.2	10.1	12.5	10.8	12.1	10.8	11.3	10.3	17.0	12.5	13.1	14.4	15.4	24	21.3										
29	14.7	17.2	8.1	11.3	11.5	11.0	14.4	15.4	11.3	10.3	10.1	10.1	12.4	15.3	13.9	14.2	12.3	17.9	15.9	20.9	6	16.0	6	14.4	6	14.6	6	25.0	6	24	25.0										
30	41.5	6	50.2	6	36.3	6	35.3	6	37.5	6	26.0	6	26.3	6	23.3	6	17.2	6	9.8	11.5	10.6	16.6	9.1	16.3	15.9	23.4	13.9	14.9	6	18.7	6	13.4	6	10.7	6	12.2	6	14.3	6	24	50.2
31	16.0	6	19.1	6	13.1	6	17.4	6	14.6	6	18.7	6	7.8	6	10.5	6	7.1	6	10.0	6	8.6	6	BA	BA	BA	4.7	8.2	5.7	9.1	7.5	6.2	9.4	7.9	7.9	7.2	21	19.1				
NO.:	31	31	31	31	31	31	31	31	31	30	28	28	29	29	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	41.5	50.2	36.3	35.3	37.5	31.0	29.4	25.4	22.2	21.5	22.7	22.7	23.2	22.7	20.7	21.4	23.4	20.7	21.2	26.0	22.0	20.4	20.6	25.0																	
AVG:	15.61	17.19	15.19	14.87	15.55	14.53	14.22	15.20	14.09	12.30	12.55	12.44	13.46	12.88	12.53	12.35	13.10	13.19	13.77	14.96	14.42	13.59	13.80	15.04																	

MONTHLY OBSERVATIONS: 733 MONTHLY MEAN: 14.05 MONTHLY MAX: 50.2

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-105-0002 POC: 3
 COUNTY: (105) Lee
 CITY: (59280) Sanford
 SITE ADDRESS: 4110 Blackstone Drive
 SITE COMMENTS:
 MONITOR COMMENTS: EPA REGION 4 GRANTED DEQ DAQ PERMISSION TO OPERATE THIS MONITOR AS AN AQI ONLY MONITOR STARTING 2016

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: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2015

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	5.7	6.2	5.7	7.4	4.7	5.7	8.9	15.4	10.1	16.3	8.7	8.7	12.8	14.7	15.8	18.5	19.0	16.1	18.5	17.3	18.0	14.0	15.9	24	19.0	
2	12.5	13.3	14.9	20.2	20.7	15.5	17.3	22.7	18.8	18.8	19.3	17.8	18.3	16.8	15.2	11.1	21.0	16.3	23.2	20.0	17.1	14.9	23.9	23.7	24	23.9	
3	17.8	16.8	10.3	19.7	13.0	18.3	14.2	15.7	19.8	17.1	12.5	17.8	16.1	21.2	18.5	22.7	24.9	25.2	23.2	23.0	27.7	30.3	28.4	28.6	24	30.3	
4	32.3	33.7	29.1	28.9	24.9	28.9	32.7	25.2	23.0	25.4	26.4	27.8	27.3	25.8	27.3	24.6	27.1	22.7	26.4	23.7	21.0	17.3	28.1	18.0	24	33.7	
5	20.5	21.7	21.5	19.8	24.4	26.9	24.7	19.5	24.9	22.5	19.3	18.5	19.7	21.7	16.8	17.5	16.1	12.3	12.8	19.5	9.6	10.8	16.6	12.3	24	26.9	
6	12.0	12.8	11.1	8.7	8.9	8.4	13.0	8.4	11.6	11.3	10.1	9.9	10.6	10.1	8.4	9.1	9.6	7.0	9.6	10.1	8.7	9.3	7.2	8.4	24	13.0	
7	8.2	7.2	7.2	5.7	5.9	6.7	9.1	9.9	10.8	10.6	7.9	10.8	8.3	9.3	8.6	11.2	9.5	10.5	13.9	10.1	13.5	7.6	8.1	8.3	24	13.9	
8	14.6	9.5	5.9	4.8	8.1	8.3	6.9	AX	AX	1.3	3.9	4.4	2.1	2.2	3.2	4.0	6.2	8.9	11.3	8.9	8.3	6.1	7.4	6.4	22	14.6	
9	11.0	7.4	4.7	9.9	10.9	9.9	11.5	11.5	7.1	9.9	6.2	5.7	8.2	6.4	8.7	10.6	9.1	14.0	11.3	10.8	7.7	7.7	15.2	10.9	24	15.2	
10	11.5	9.6	10.6	8.9	6.2	8.9	9.9	6.2	12.0	9.9	7.4	5.7	11.3	8.4	9.4	10.4	8.4	12.3	17.3	10.1	5.2	10.6	8.2	13.2	24	17.3	
11	7.4	4.9	10.3	11.1	12.2	11.9	7.7	10.3	14.0	9.9	11.3	9.2	6.9	7.7	8.4	9.9	9.6	14.4	14.7	11.8	13.0	11.6	12.1	11.6	24	14.7	
12	13.2	18.0	12.3	10.8	13.7	14.5	8.7	12.0	14.7	20.5	19.5	13.2	19.2	16.8	11.1	16.3	14.7	12.5	12.0	9.2	14.5	9.4	8.2	12.3	24	20.5	
13	12.5	13.8	9.6	7.7	6.2	7.4	8.4	6.7	6.4	6.9	8.4	11.5	11.0	10.3	6.7	4.4	10.3	6.6	7.0	8.1	11.5	9.4	15.5	10.6	24	15.5	
14	11.5	11.5	9.8	9.1	9.4	10.8	8.9	7.9	4.9	5.4	14.9	9.3	8.3	5.4	3.1	8.3	10.3	11.2	9.1	7.4	13.0	16.8	11.0	17.2	24	17.2	
15	6.2	8.1	11.8	13.0	12.2	13.9	11.5	22.9	17.3	18.5	15.2	13.0	14.4	10.6	7.9	8.1	13.9	12.3	13.7	14.7	14.9	12.0	13.2	10.5	24	22.9	
16	12.7	10.8	13.7	14.7	22.4	22.2	32.2	23.4	21.7	13.0	14.5	17.0	15.2	13.5	12.0	18.3	11.1	9.6	11.6	11.8	12.0	15.2	9.1	10.8	24	32.2	
17	13.7	14.4	12.0	13.4	11.8	11.8	14.7	16.6	11.1	16.6	13.5	11.1	14.2	16.1	8.4	11.5	10.3	7.4	8.7	12.8	10.8	10.6	10.6	13.2	24	16.6	
18	12.0	14.7	11.3	14.4	14.2	14.7	14.9	17.1	13.5	15.9	13.7	12.8	12.8	17.1	11.1	10.3	9.6	8.2	10.8	14.2	11.6	14.5	21.0	10.3	24	21.0	
19	18.0	18.8	17.0	13.7	17.5	11.1	16.1	7.9	14.2	9.9	8.9	7.7	14.4	9.2	6.5	6.2	9.6	11.3	11.5	11.3	8.2	6.9	15.2	9.4	24	18.8	
20	16.3	12.7	17.0	16.3	15.4	12.7	19.2	11.1	9.6	10.6	11.1	9.1	14.7	16.6	11.8	12.8	17.8	18.1	13.5	12.8	14.2	14.2	10.4	7.2	24	19.2	
21	12.3	14.7	15.4	13.7	9.4	10.8	10.3	12.3	12.5	7.7	8.9	13.7	12.8	14.5	11.1	13.7	12.8	12.5	12.8	10.1	8.4	12.0	10.3	8.7	24	15.4	
22	11.5	10.6	8.9	8.2	10.1	8.7	12.3	AX	AX	10.8	12.5	8.9	7.9	7.7	7.9	9.6	7.9	9.4	8.9	9.1	7.7	7.7	7.7	7.2	22	12.5	
23	7.9	7.9	10.1	9.1	15.8	12.7	11.0	9.6	13.2	11.3	6.7	15.9	6.4	6.4	12.2	11.0	10.8	11.3	8.1	10.3	8.6	8.4	8.4	6.2	24	15.9	
24	4.4	12.9	9.8	6.1	6.9	5.2	10.5	6.7	6.4	5.2	4.2	3.2	8.6	8.4	5.5	6.2	5.7	7.6	7.4	5.2	5.6	5.4	4.2	4.9	24	12.9	
25	3.2	4.9	5.2	3.7	2.1	1.3	.6	.1	2.3	3.4	1.0	4.4	3.0	1.6	2.6	1.1	1.1	1.5	3.4	3.4	1.1	2.7	6.7	10.3	24	10.3	
26	8.6	4.9	3.2	1.8	-1.6	-1.6	2.0	2.7	4.4	3.2	2.5	1.6	1.8	-.6	2.0	4.7	2.3	1.3	2.3	6.2	3.9	1.5	3.0	3.4	24	8.6	
27	3.4	4.4	2.7	2.3	3.7	3.2	3.2	1.3	-1.6	-.6	5.2	5.7	7.0	9.4	4.4	1.3	5.7	3.5	.4	3.0	.6	-1.3	1.8	4.0	24	9.4	
28	4.0	4.2	4.2	6.2	7.9	6.5	8.2	5.9	6.2	10.6	10.4	9.9	7.9	16.8	1.1	5.7	4.7	.0	1.3	4.5	4.2	1.8	.1	.0	24	16.8	
29	-.5	-.3	1.3	-2.0	-1.3	2.6	3.7	3.0	2.6	2.6	2.1	7.0	7.0	5.7	6.7	9.2	6.2	4.5	6.0	7.0	6.2	7.9	7.7	4.5	24	9.2	
30	4.0	7.5	7.4	9.4	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	4	9.4
31																										0	
NO.:	30	30	30	30	29	29	29	27	27	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29		
MAX:	32.3	33.7	29.1	28.9	24.9	28.9	32.7	25.2	24.9	25.4	26.4	27.8	27.3	25.8	27.3	24.6	27.1	25.2	26.4	23.7	27.7	30.3	28.4	28.6			
AVG:	10.99	11.24	10.48	10.50	10.98	10.93	12.04	11.31	11.73	10.98	10.82	10.73	11.18	11.31	9.36	10.54	11.20	10.74	11.32	11.30	10.56	10.32	11.49	10.62			

MONTHLY OBSERVATIONS: 696 MONTHLY MEAN: 10.94 MONTHLY MAX: 33.7

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-105-0002 POC: 3
 COUNTY: (105) Lee
 CITY: (59280) Sanford
 SITE ADDRESS: 4110 Blackstone Drive
 SITE COMMENTS:
 MONITOR COMMENTS: EPA REGION 4 GRANTED DEQ DAQ PERMISSION TO OPERATE THIS MONITOR AS AN AQI ONLY MONITOR STARTING 2016

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: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM

REPORT FOR: OCTOBER 2015

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 Environmental Quality

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	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0		
2	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	BA	2.3	.3	3.9	3.4	1.9	3.2	5.4	3.2	2.2	3.9	3.7	2.3	12	5.4	
3	2.0	1.8	-1.8	1.7	3.7	4.9	5.4	3.2	1.8	1.3	.8	-.1	3.4	6.7	4.9	4.4	3.9	2.7	2.3	3.9	.6	-.6	3.2	2.3	24	6.7	
4	2.3	3.0	.8	-1.5	-.1	2.3	2.5	-.6	-1.5	.1	2.5	3.2	.8	.1	2.3	3.0	2.6	2.6	2.1	.6	4.4	4.2	-.1	-.1	24	4.4	
5	.8	1.3	1.6	2.0	5.7	4.9	3.0	6.2	4.9	6.7	6.9	10.8	7.7	5.9	6.7	10.1	7.2	6.2	8.6	7.4	5.9	6.7	7.9	7.4	24	10.8	
6	7.4	6.7	6.4	7.2	8.1	10.1	7.2	AX	AX	AX	6.9	8.2	6.9	6.2	5.9	6.7	11.1	9.1	11.5	10.3	9.3	9.4	10.1	7.9	21	11.5	
7	10.6	9.6	8.4	9.8	11.8	8.9	12.5	10.5	8.9	9.6	6.9	7.2	6.7	7.0	6.7	4.4	7.2	4.7	10.1	9.6	9.1	8.4	6.7	9.6	24	12.5	
8	14.9	9.6	13.9	9.3	8.6	12.5	11.0	10.3	12.5	8.6	9.9	10.1	7.7	12.8	12.3	8.7	7.7	14.9	18.5	27.6	26.4	9.3	15.1	11.8	24	27.6	
9	10.3	12.3	14.4	11.5	15.4	14.9	13.7	9.8	8.4	11.8	8.6	9.6	8.4	9.4	8.2	8.4	10.1	8.4	11.1	12.5	10.6	9.1	10.8	8.2	24	15.4	
10	7.9	8.9	17.5	9.9	12.2	10.8	9.6	9.8	13.0	8.6	11.5	9.6	11.5	8.4	6.9	7.7	13.2	10.1	6.7	3.7	7.7	6.4	7.7	5.9	24	17.5	
11	5.9	6.7	3.4	5.9	4.2	7.9	6.7	6.2	5.4	4.7	6.2	6.4	7.9	9.8	9.8	8.4	5.4	6.2	8.9	16.5	17.8	12.0	9.1	13.4	24	17.8	
12	10.3	8.4	8.6	7.2	7.9	10.1	9.6	6.1	6.4	8.9	9.8	7.7	AX	AX	6.4	6.4	6.7	11.5	12.5	7.6	11.7	12.5	10.6	7.7	22	12.5	
13	4.9	5.2	9.8	11.5	7.9	7.9	6.9	12.0	8.1	10.3	9.1	11.3	12.5	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	13	12.5	
14	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	8.6	5.9	4.9	8.6	6.1	8.9	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	6	8.9
15	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	BA	BA	2.7	5.7	6.4	8.1	8.1	11.0	12.0	13.2	8.9	11.3	11.8	11	13.2	
16	15.8	10.3	12.2	13.9	10.3	7.9	7.9	11.0	9.3	9.3	11.0	AX	AX	5.4	11.5	9.1	9.1	8.1	28.6	53.0	29.0	22.9	22.4	20.7	22	53.0	
17	27.1	16.5	13.9	10.8	10.8	12.0	9.8	10.1	8.4	6.9	6.2	5.4	3.9	4.4	5.4	7.9	9.6	8.8	7.9	13.7	11.8	9.3	10.3	9.3	24	27.1	
18	8.9	9.1	11.0	8.6	8.1	8.6	9.1	11.0	7.1	11.0	10.8	6.9	6.7	7.2	11.8	9.1	7.6	7.6	10.5	12.7	19.0	10.8	17.0	12.2	24	19.0	
19	11.7	9.6	10.5	13.7	12.2	13.9	12.7	12.5	11.7	14.4	10.3	6.6	9.8	7.6	11.3	8.9	8.1	16.5	19.4	17.5	16.3	19.4	11.3	11.2	24	19.4	
20	11.7	12.9	14.6	11.5	16.7	18.2	16.3	22.1	17.0	9.8	12.0	11.0	10.1	10.1	10.5	7.9	11.3	12.0	14.2	14.2	21.4	25.3	17.5	22.9	24	25.3	
21	18.5	20.4	17.2	16.1	13.7	18.5	20.2	14.4	13.2	10.6	7.4	7.9	10.3	10.1	8.4	6.7	6.2	8.6	32.7	16.3	14.8	19.4	15.1	14.4	24	32.7	
22	14.9	12.7	14.7	19.9	15.9	18.7	16.1	17.8	18.0	14.9	12.0	12.0	15.3	12.0	9.6	13.2	14.4	23.2	15.5	13.7	32.2	84.6	20.9	11.8	24	84.6	
23	15.5	14.8	13.7	16.5	16.8	17.5	20.2	16.5	20.9	14.7	14.7	13.2	15.6	18.3	13.0	16.1	14.7	19.0	28.6	29.0	20.4	19.0	19.0	19.0	24	29.0	
24	20.9	20.9	17.0	17.5	17.0	14.8	12.5	14.2	15.8	13.5	9.4	10.1	11.8	13.2	9.6	8.4	14.4	15.2	18.8	17.5	16.8	16.8	12.5	12.5	24	20.9	
25	21.2	14.9	14.2	28.8	24.6	25.9	19.2	19.2	16.3	14.2	9.8	9.4	13.5	13.7	17.0	14.7	14.0	20.7	18.7	20.9	18.2	19.7	17.0	11.8	24	28.8	
26	12.2	11.5	9.4	10.3	8.9	12.7	10.8	8.9	8.4	9.6	8.6	9.8	6.4	7.4	7.1	6.4	6.4	6.4	10.3	8.1	8.9	8.4	6.9	5.1	24	12.7	
27	10.0	8.1	10.5	10.0	10.5	9.1	11.0	8.6	11.0	8.1	6.9	3.4	4.7	7.6	9.8	7.1	4.4	3.4	3.7	5.2	3.9	2.2	2.9	4.2	24	11.0	
28	4.9	1.6	.8	3.2	1.3	7.9	5.4	2.2	.6	.8	-.8	-1.8	-1.0	.8	3.7	5.2	7.7	8.7	7.7	8.9	7.9	4.7	4.2	2.7	24	8.9	
29	2.2	4.2	4.9	6.2	6.2	7.2	15.5	6.4	15.8	6.9	AX	AX	AX	9.6	13.9	13.9	16.3	12.5	12.0	16.0	14.2	12.0	12.5	19.0	21	19.0	
30	15.4	18.7	19.2	15.3	12.5	15.6	12.9	16.5	7.9	7.6	6.7	6.7	7.6	6.4	10.8	7.9	7.9	10.8	12.2	12.9	12.9	12.0	13.7	15.1	24	19.2	
31	20.9	17.5	16.8	13.9	16.3	18.0	15.9	16.7	12.2	13.9	11.0	8.8	11.5	10.5	12.5	13.2	9.6	15.1	22.9	15.8	16.0	19.7	18.7	15.8	24	22.9	
NO.:	27	27	27	27	27	27	27	26	26	26	27	26	26	28	29	29	28	28	28	28	28	28	28	28	28		
MAX:	27.1	20.9	19.2	28.8	24.6	25.9	20.2	22.1	20.9	14.9	14.7	14.7	15.3	15.6	18.3	14.7	16.3	23.2	32.7	53.0	32.2	84.6	22.4	22.9			
AVG:	11.45	10.27	10.50	10.77	10.64	11.91	11.24	10.83	10.06	9.11	8.34	7.72	7.87	7.84	8.86	8.26	8.86	10.00	12.96	13.93	13.97	14.21	11.36	10.51			

MONTHLY OBSERVATIONS: 656 MONTHLY MEAN: 10.49 MONTHLY MAX: 84.6

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-105-0002 POC: 3
 COUNTY: (105) Lee
 CITY: (59280) Sanford
 SITE ADDRESS: 4110 Blackstone Drive
 SITE COMMENTS:
 MONITOR COMMENTS: EPA REGION 4 GRANTED DEQ DAQ PERMISSION TO OPERATE THIS MONITOR AS AN AQI ONLY MONITOR STARTING 2016(

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: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality

MONITOR TYPE: SFM

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2015

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	15.5	14.9	17.7	10.3	14.4	13.2	13.9	12.7	13.2	15.8	18.0	19.9	15.4	12.2	18.0	15.5	8.1	10.8	17.3	10.3	15.8	11.5	12.5	7.4	24	19.9		
2	6.9	7.6	10.1	9.3	11.0	10.1	6.1	4.7	7.4	7.2	3.7	2.4	2.5	.8	-.3	1.0	6.9	6.1	3.7	3.2	4.4	7.6	5.7	5.4	24	11.0		
3	7.4	6.9	5.9	4.9	8.4	6.9	5.9	5.4	5.4	12.0	7.1	10.8	10.1	9.3	8.4	5.9	6.1	11.3	11.3	16.3	12.2	16.5	15.1	17.7	24	17.7		
4	17.3	20.2	18.5	7.2	12.7	9.8	15.6	17.5	17.2	15.4	16.0	13.7	12.5	19.5	12.0	16.0	14.7	23.6	20.4	17.7	17.2	21.2	22.2	19.7	24	23.6		
5	24.1	24.6	26.9	23.2	25.9	21.9	18.7	20.7	19.5	15.6	14.2	21.2	13.2	15.4	10.6	9.9	11.1	16.1	11.5	12.5	13.2	11.8	17.0	14.9	24	26.9		
6	17.0	14.4	8.1	7.9	6.9	9.4	11.5	10.6	9.8	7.4	8.4	10.6	8.2	10.1	6.2	7.4	7.4	7.7	7.4	7.9	9.8	5.2	7.7	6.7	24	17.0		
7	7.2	9.9	9.4	11.3	9.6	9.6	19.3	11.5	8.4	9.9	6.9	7.9	3.5	-1.5	4.2	3.9	6.9	7.9	5.9	8.1	6.9	9.1	9.1	7.6	24	19.3		
8	8.9	12.7	8.9	8.1	12.7	14.9	15.4	4.9	8.9	10.1	10.1	10.1	8.1	8.4	8.6	13.4	9.8	13.4	13.9	14.9	13.9	14.6	12.0	12.7	24	15.4		
9	11.7	10.8	9.8	11.0	11.2	8.8	5.9	8.6	6.4	2.4	7.1	6.6	4.1	5.7	5.4	5.4	5.6	6.4	5.6	4.7	6.9	5.1	5.9	2.9	24	11.7		
10	2.2	5.4	6.9	7.4	5.6	9.3	6.9	5.6	4.2	6.2	4.9	3.6	5.4	5.4	4.9	4.2	5.7	5.7	6.4	11.3	7.9	9.3	9.3	8.6	24	11.3		
11	8.6	12.7	15.1	11.0	7.9	7.4	11.5	8.4	6.1	11.7	7.4	6.4	7.6	7.6	8.1	5.7	8.1	10.3	15.8	13.4	17.5	14.4	19.7	14.1	24	19.7		
12	13.4	19.9	14.6	14.1	17.5	13.2	13.7	AX	AX	AX	9.6	9.6	10.1	12.0	6	7.9	9.6	8.4	7.9	10.8	15.8	7.9	9.1	10.3	12.7	21	19.9	
13	17.1	12.0	14.4	13.0	13.4	9.3	6.9	9.1	9.1	9.1	9.4	6.2	7.9	7.2	5.1	2.4	4.9	7.6	9.6	5.9	4.1	8.1	8.3	11.7	24	17.1		
14	10.3	7.4	6.6	9.8	9.3	7.6	11.2	10.5	6.1	2.4	4.4	4.4	7.4	7.4	5.9	6.9	7.6	12.4	12.9	10.5	11.5	11.5	17.5	12.9	24	17.5		
15	15.1	16.8	19.9	18.2	17.7	17.7	17.2	20.6	18.0	14.2	12.4	9.8	6.9	7.9	7.6	7.1	7.4	8.8	16.0	13.2	10.0	39.4	13.2	20.9	24	39.4		
16	19.2	12.9	19.5	14.4	13.7	24.1	18.9	14.1	14.9	20.7	10.3	9.1	12.5	8.1	7.9	12.7	8.6	9.8	11.7	11.5	12.4	20.2	15.4	24.6	24	24.6		
17	25.8	23.1	21.9	19.2	26.4	21.9	28.3	24.1	28.8	AZ	AZ	13.9	14.6	6	11.0	12.2	13.2	14.5	19.9	16.8	20.9	18.2	17.5	17.0	17.5	22	28.8	
18	17.7	18.0	11.1	11.0	14.8	15.5	15.3	14.2	11.3	11.3	14.9	10.1	8.4	8.2	9.4	12.0	13.2	9.1	9.1	11.7	8.1	7.4	4.4	4.2	24	18.0		
19	6.2	7.9	4.7	3.4	4.9	4.9	1.1	.6	2.2	3.2	6.9	4.0	4.0	3.2	4.2	5.5	8.7	7.2	5.4	3.7	7.2	5.7	8.6	9.8	24	9.8		
20	6.7	8.9	11.1	7.9	7.6	11.1	7.6	7.4	5.7	6.4	5.2	5.6	7.7	6.4	7.1	6.4	14.2	9.1	9.3	9.3	10.8	9.3	13.9	24	14.2			
21	12.5	10.3	12.2	14.9	13.7	12.0	12.0	11.7	12.5	9.6	7.2	4.9	6.9	6.4	7.6	9.3	11.0	9.1	13.7	14.6	12.0	18.7	16.8	13.2	24	18.7		
22	14.6	15.8	14.6	18.5	15.8	21.4	14.4	13.2	11.2	7.6	6.1	7.1	6.4	6.9	8.4	4.6	8.9	11.3	12.0	10.0	9.8	10.8	9.8	9.1	24	21.4		
23	8.8	6.6	9.8	7.9	10.8	11.7	9.3	13.7	12.0	AX	AX	AX	7.1	9.3	11.3	5.9	10.8	14.1	10.8	12.7	17.5	15.3	11.2	13.1	21	17.5		
24	10.8	17.0	12.9	13.9	15.7	11.7	19.2	15.5	18.0	20.4	9.3	11.2	7.1	5.4	9.1	6.1	8.1	13.6	12.9	12.2	14.6	16.0	16.2	16.8	24	20.4		
25	12.2	17.0	15.0	14.1	16.3	18.2	22.6	14.4	17.7	16.0	17.0	9.3	6.2	8.6	8.1	9.8	9.3	17.5	12.0	17.5	16.7	16.0	16.8	15.8	24	22.6		
26	22.9	23.1	20.7	18.7	14.5	13.9	13.9	13.9	12.5	11.5	11.8	14.2	11.7	6	12.0	6	11.3	12.5	13.2	14.3	13.7	14.2	13.9	20.0	10.3	7.2	24	23.1
27	9.6	12.2	17.5	15.5	14.4	23.1	14.4	13.4	11.0	10.8	10.1	12.0	6.7	4.7	5.9	8.9	9.4	19.7	19.2	30.0	30.0	36.6	23.1	21.2	24	36.6		
28	18.5	17.8	16.5	14.8	17.3	14.6	17.5	14.4	15.6	12.7	13.0	12.3	9.6	8.6	10.6	15.3	12.7	14.7	11.3	13.0	15.1	14.7	19.2	24	19.2			
29	11.5	14.8	10.8	20.5	20.0	14.2	17.5	20.9	17.8	13.9	10.3	13.2	13.5	14.7	14.0	8.7	15.1	16.8	32.7	31.0	24.4	28.4	13.2	18.8	24	32.7		
30	19.7	19.0	19.5	15.6	13.5	8.9	7.2	6.7	6.4	3.7	1.9	4.2	3.4	8.6	8.9	4.4	5.7	6.9	5.9	7.6	9.1	6.4	8.4	7.9	24	19.7		
31																										0		
NO.:	30	30	30	30	30	30	30	29	29	27	28	29	30	30	30	30	30	30	30	30	30	30	30	30	30			
MAX:	25.8	24.6	26.9	23.2	26.4	24.1	28.3	24.1	28.8	20.7	18.0	21.2	15.4	19.5	18.0	16.0	15.3	23.6	32.7	31.0	30.0	39.4	23.1	24.6				
AVG:	13.31	14.02	13.69	12.57	13.47	13.30	13.20	12.14	11.65	10.72	9.45	9.47	8.31	8.39	8.20	8.19	9.23	11.74	12.27	12.80	12.51	14.64	12.69	12.94				

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: 11.63 MONTHLY MAX: 39.4

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-105-0002 POC: 3
 COUNTY: (105) Lee
 CITY: (59280) Sanford
 SITE ADDRESS: 4110 Blackstone Drive
 SITE COMMENTS:
 MONITOR COMMENTS: EPA REGION 4 GRANTED DEQ DAQ PERMISSION TO OPERATE THIS MONITOR AS AN AQI ONLY MONITOR STARTING 2016

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: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM

REPORT FOR: DECEMBER 2015

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 Environmental Quality

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	5.9	9.3	8.4	11.8	6.2	4.2	11.5	7.9	9.3	10.1	8.1	7.4	8.9	10.3	12.7	10.3	8.7	6.4	6.9	9.6	5.9	6.4	6.2	7.7	24	12.7	
2	5.9	5.2	8.1	6.4	5.4	8.4	5.4	5.4	4.2	4.2	3.9	12.0	AX	AX	7.7	4.9	4.2	4.9	3.5	2.5	7.9	6.4	7.4	10.8	22	12.0	
3	9.4	12.5	9.4	9.8	10.1	8.4	8.6	8.9	9.4	7.4	7.2	8.2	6.9	8.4	8.4	10.8	8.1	6.7	8.9	11.2	11.8	9.8	9.6	14.2	24	14.2	
4	9.6	16.5	12.7	10.8	8.6	10.5	12.4	12.2	10.3	6.9	6.2	13.2	12.2	10.3	12.5	11.3	8.4	9.1	13.7	18.5	12.2	19.2	26.1	12.4	24	26.1	
5	17.3	20.9	17.7	17.0	22.1	15.4	20.7	15.4	14.6	10.5	11.8	15.8	12.0	11.0	10.5	14.1	10.3	16.0	13.4	11.3	19.4	17.5	18.2	18.2	24	22.1	
6	16.0	34.4	28.8	17.5	18.0	18.0	14.7	18.5	16.5	14.2	12.2	10.1	11.0	7.1	5.9	9.1	11.5	10.8	17.0	29.2	19.4	21.2	17.0	13.9	24	34.4	
7	17.7	18.7	16.5	20.4	10.0	12.7	11.8	18.5	17.7	19.5	14.3	19.2	17.3	12.0	14.3	15.5	18.0	22.9	18.0	13.7	17.8	16.3	21.1	12.7	24	22.9	
8	16.0	16.8	13.9	11.5	11.7	15.1	16.7	13.9	14.2	12.5	7.6	7.4	7.4	7.0	9.1	9.1	15.0	12.7	11.7	9.8	14.8	12.5	16.5	17.2	24	17.2	
9	17.7	14.9	15.4	19.0	20.2	13.9	12.5	11.5	9.6	12.2	9.3	12.5	8.6	8.9	8.9	10.1	8.9	11.5	16.6	18.0	16.5	19.7	19.0	13.4	24	20.2	
10	13.7	16.3	16.5	18.2	14.9	21.6	20.9	18.2	10.8	12.5	20.0	15.1	16.6	21.2	22.9	20.0	16.3	21.4	20.4	15.8	18.5	20.9	17.8	18.5	24	22.9	
11	20.5	20.0	22.4	18.5	16.3	22.7	20.2	22.2	20.4	19.7	20.7	22.7	18.0	15.8	16.1	15.8	18.0	22.4	20.5	20.5	13.7	16.0	14.4	16.6	24	22.7	
12	16.8	18.5	15.3	18.5	17.5	11.1	14.7	11.0	12.0	13.2	16.3	7.4	8.2	11.6	7.2	9.6	13.5	14.7	16.1	20.0	21.0	14.9	12.5	16.3	24	21.0	
13	15.1	18.7	20.7	11.5	14.2	14.8	16.3	17.3	16.8	9.1	12.0	10.8	13.7	11.5	7.4	10.6	13.5	11.3	15.8	14.0	13.7	12.0	9.8	13.5	24	20.7	
14	10.6	7.9	6.7	6.7	5.2	5.4	4.4	4.2	2.5	4.2	4.2	6.7	6.4	6.4	3.5	5.7	5.0	5.9	8.2	6.4	4.0	3.7	7.2	4.2	24	10.6	
15	3.2	11.3	7.9	7.4	10.1	6.7	4.4	5.9	7.4	5.7	6.4	6.9	7.4	5.2	4.5	5.7	10.3	11.3	15.6	15.6	10.8	12.7	11.8	9.6	24	15.6	
16	9.1	13.5	13.2	8.6	7.9	9.8	12.2	11.5	12.3	8.6	6.9	AX	AX	7.2	7.7	8.2	12.5	15.5	5.9	16.3	13.0	9.1	15.5	12.0	22	16.3	
17	9.8	10.3	14.4	17.8	11.3	12.5	16.3	18.0	13.9	13.0	10.1	10.8	12.3	10.6	6.2	3.7	2.5	5.7	3.7	5.2	8.6	7.4	8.6	7.7	24	18.0	
18	11.8	7.9	12.7	8.1	5.2	4.4	4.9	11.0	10.3	6.2	12.5	10.6	7.6	10.1	7.9	6.7	9.8	5.6	7.1	8.6	7.1	10.1	9.1	7.8	24	12.7	
19	8.1	9.6	9.1	10.8	11.3	10.3	11.7	10.5	9.8	8.1	8.1	5.4	3.2	4.9	5.4	7.9	6.4	7.4	10.5	9.3	7.4	10.0	12.7	11.5	24	12.7	
20	10.3	12.7	12.5	10.5	11.3	14.4	12.4	17.2	16.7	13.4	9.6	5.9	5.6	5.9	7.1	5.6	9.1	14.8	19.2	15.5	13.7	11.0	10.1	10.3	24	19.2	
21	20.7	15.9	13.2	12.9	12.0	9.3	11.7	13.4	17.2	13.4	11.5	17.0	5.6	10.1	7.6	11.0	17.7	22.7	26.9	22.6	8.4	14.3	23.6	20.0	24	26.9	
22	18.2	14.8	20.5	20.9	21.0	20.7	15.1	7.9	5.9	4.4	3.2	2.4	2.2	4.2	3.7	3.0	3.0	5.9	5.4	2.7	2.0	1.9	6.9	4.4	24	21.0	
23	4.2	3.2	2.2	.1	-.6	2.2	1.5	2.5	2.0	.1	-1.5	.3	.0	-.8	4.2	5.4	4.0	4.7	3.7	3.2	2.2	1.1	.1	-1.0	24	5.4	
24	.1	.6	.8	4.2	5.7	7.7	7.2	6.7	7.7	14.2	11.3	11.3	11.8	11.6	7.7	12.1	12.3	11.8	11.3	8.4	9.6	11.8	11.3	9.6	24	14.2	
25	7.7	11.3	10.6	7.7	3.7	4.7	6.4	5.2	11.1	8.4	10.6	9.2	10.4	9.4	11.6	11.3	10.4	11.6	11.3	10.6	9.6	8.4	6.4	10.1	24	11.6	
26	8.6	5.9	2.5	3.2	5.7	5.2	3.4	4.9	6.9	9.6	9.9	7.0	5.0	7.2	11.6	11.1	9.4	10.1	8.2	6.4	4.4	7.2	6.7	6.9	24	11.6	
27	8.4	8.7	8.4	9.4	5.2	3.7	2.5	.6	1.1	2.2	4.7	7.9	7.9	7.2	5.2	3.0	6.0	4.2	3.2	5.4	4.4	3.7	3.2	3.0	24	9.4	
28	3.2	4.7	3.7	5.7	4.7	7.0	6.4	4.5	5.0	5.5	9.9	9.9	8.4	7.4	7.2	6.2	3.2	.6	.8	5.9	4.9	1.8	4.4	5.9	24	9.9	
29	4.7	5.7	3.4	4.5	5.2	3.9	4.2	3.0	3.0	5.7	6.2	5.9	7.4	7.0	4.7	5.5	7.5	5.5	6.7	6.9	5.7	5.2	4.0	4.7	24	7.5	
30	3.2	3.7	10.3	6.7	3.5	5.7	7.4	5.4	3.2	7.4	4.9	4.9	3.7	3.2	3.9	3.0	.1	-.1	1.3	4.0	3.7	2.1	2.4	2.3	24	10.3	
31	2.5	1.1	2.5	5.9	5.7	3.5	3.9	3.9	3.0	3.0	4.7	5.4	4.4	1.8	11.3	6.4	3.9	8.9	7.4	7.6	10.1	6.7	5.4	6.4	24	11.3	
NO.:	31	31	31	31	31	31	31	31	31	31	31	30	29	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	20.7	34.4	28.8	20.9	22.1	22.7	20.9	22.2	20.4	19.7	20.7	22.7	18.0	21.2	22.9	20.0	18.0	22.9	26.9	29.2	21.0	21.2	26.1	20.0			
AVG:	10.52	11.98	11.63	11.03	9.98	10.13	10.40	10.23	9.83	9.20	9.12	9.64	8.62	8.46	8.54	8.80	9.27	10.42	10.93	11.44	10.39	10.35	11.13	10.35			

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 10.11 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

May. 30, 2018

(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: MONITORING ENDED ON 20151229. CLOSING FLOW CHECK COMPLETED ON 20160108.

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: 35.687406
 LONGITUDE: -81.993808
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 444
 PROBE HEIGHT: 2

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

REPORT FOR: 2015

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			18.3					6.3				
2		AN				3.7	12.5				3.1	3.0
3	8.8			6.3 IT	10.6				14.7	1.9 V		
4			6.1					20.0				
5		AN				8.4	5.8				AJ	9.0
6	9.8	13.5 V		8.0 IT	12.7				10.9	6.1		
7		10.2	7.4					4.8				
8		8.9				9.7	12.3				4.6	11.0
9	7.9	12.5 V		10.1 IT	9.3				5.6	9.2		
10			10.2					7.4				
11		11.8				8.4	10.1				6.7	13.5
12	14.7			AN	9.2				AN	5.6		
13			6.3					7.8				
14		7.7				10.4	5.1				2.5	2.6
15	13.2			3.9 IT	11.9				5.8	AN		
16			3.9					9.1				
17		7.3				9.5	11.5				11.1	7.0
18	9.8			6.6 IT	10.2				10.2	5.2		
19			9.8 V	3.6 IT				4.3				
20		8.7 V				8.3	10.8				3.9	11.1
21	8.5			4.7 IT	6.2				AN	7.6 2		
22			7.8					9.5	2.9			
23		7.6				15.3	8.1				5.7	AQ
24	5.8 V			7.0	9.3				AN	16.7		
25			11.6					AN				
26		8.2				12.1	13.0				9.0	2.0
27	5.2			6.3	4.0			12.2	AN	1.2 V		
28			3.4					12.4				
29						6.3	10.3				6.8	3.0
30	AN			9.8	10.1				AN	AQ		
31			7.9					8.1				
NO.:	9	10	11	10	10	10	10	11	6	8	9	9
MAX:	14.7	13.5	18.3	10.1	12.7	15.3	13.0	20.0	14.7	16.7	11.1	13.5
MEAN:	9.30	9.64	8.43	6.63	9.35	9.21	9.95	9.26	8.35	6.69	5.93	6.91
ANNUAL OBSERVATIONS:		113		ANNUAL MEAN:	8.37	ANNUAL MAX:	20.0					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(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: MONITORING ENDED ON 20151226. CLOSING FLOW CHECK COMPLETED ON 20160108.

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: 35.687406
 LONGITUDE: -81.993808
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 444
 PROBE HEIGHT: 2

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

REPORT FOR: 2015

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			19.7									
2											4.2	2.7
3	8.9								15.2	AN		
4			AN					19.8				
5		AN				10.3	6.4					
6	9.7			7.7 IT	AN							
7			8.2									
8										AN		12.0
9									5.7	10.0		
10								7.7				
11		AN				9.2	9.8				6.5	
12	15.5			9.8 IT	9.7							
13			AV									
14											1.6 V	2.6
15									5.8	AN		
16								9.6				
17		AN				10.0	12.5					
18	9.9			6.5 IT	9.7							
19			10.5									
20											4.0	11.0
21									4.4	7.8		
22			6.8					10.1				
23		AN				15.8	8.5					
24	6.5			6.5	10.8							
25			11.0									
26		9.4							.5 V	2.0 V	9.5	2.3
27												
28								13.2				
29						6.5	17.4					
30	AN			9.0	10.8				3.4			
31			8.2									
NO.:	5	1	6	5	4	5	5	5	6	3	5	5
MAX:	15.5	9.4	19.7	9.8	10.8	15.8	17.4	19.8	15.2	10.0	9.5	12.0
MEAN:	10.10	9.40	10.73	7.90	10.25	10.36	10.92	12.08	5.83	6.60	5.16	6.12
ANNUAL OBSERVATIONS:		55		ANNUAL MEAN:	8.78	ANNUAL MAX:	19.8					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(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: MONITORING ENDED ON 20151229. CLOSING FLOW CHECK COMPLETED ON 20160106.

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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2015

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			6.3					10.7				
2		3.4				5.2	16.6				5.2	4.7
3	4.6			AS	6.5				7.1	SA		
4			7.9					6.0				
5		5.3				2.9	9.3				6.4	8.6
6	4.5			AS	4.3				3.4	SA		
7			6.0					6.8		5.9		
8		7.0				5.0	13.5				4.7	7.0
9	5.5			AS	7.0				7.1	7.5		
10			7.2					5.4		6.1		
11		8.8				6.9	8.7				4.8	11.5
12	4.5			AN	12.6				8.7	4.4		
13			7.6 V					7.2				
14		5.8				10.0	8.6				3.2	2.5
15	15.5			3.0	5.2				5.8	6.3		
16			5.5					7.8				
17		6.0 V				9.9	5.0				8.5	3.6
18	4.7			5.7	8.8				5.7	3.6		
19			6.2	7.8				7.2				
20		8.9 V				8.2	11.2				4.6	4.3
21	10.6			5.6	5.6				AJ	AJ		
22			7.1					AJ				
23		13.8				14.0	8.5				3.9	2.7
24	2.5			5.0	7.1				3.1	4.0		
25			4.7					10.2				
26		8.1				9.2	5.9				4.5	3.7
27	7.6			5.6	5.3				3.9	2.4		
28			5.3					7.0	4.2	2.5		
29						6.2	5.1				9.1	3.4
30	4.5			6.7	4.0				4.0	7.9		
31			6.0					8.6				
NO.:	10	9	11	7	10	10	10	10	10	10	10	10
MAX:	15.5	13.8	7.9	7.8	12.6	14.0	16.6	10.7	8.7	7.9	9.1	11.5
MEAN:	6.45	7.46	6.35	5.63	6.64	7.75	9.24	7.69	5.30	5.06	5.49	5.20
ANNUAL OBSERVATIONS:		117		ANNUAL MEAN:	6.53	ANNUAL MAX:	16.6					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(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 ORIGIN
 MONITOR COMMENTS:

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

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

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality

MONITOR TYPE: SLAMS

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2015

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					7.3				
2		3.6				4.0	13.1				2.7	5.7
3	12.5			7.7	10.5				15.1	1.1		
4			4.8					10.5				
5		6.1				17.9	9.1				7.7	10.3
6	AR			8.1	10.5				6.9	5.7		
7			10.9					7.6				
8		9.6				9.1	14.4				4.2	10.4
9	AR			13.8	7.2				6.2	10.3		
10			9.5					8.5				
11		9.1				7.0	10.8				9.2	13.3
12	AB			8.2	12.2				8.2	7.6		
13			5.8					9.8				
14		6.2				11.0	AN				7.7	2.5
15	14.6			2.9	12.3				9.5	5.4		
16			6.6					12.4				
17		13.6				9.9	11.2 2				11.1	8.4
18	7.4			5.0	10.7				11.9	5.2		
19			10.4					6.3				
20		11.3				8.6	11.8				4.4	14.7
21	11.0			5.5	10.5				8.3	12.1		
22			10.7					11.5				
23		11.1				14.3	13.4				6.5	2.0
24	3.6			5.9	7.5				5.7	15.5		
25			9.7					9.6				
26		11.0				12.9	14.6				8.5	6.1
27	6.0			6.5	3.5				1.5	3.4		
28			4.2					12.0				
29						6.3	10.1				16.5	4.2
30	6.9			9.7	6.0				4.5	8.0		
31			8.2					6.1				
NO.:	7	9	11	10	10	10	9	11	10	10	10	10
MAX:	14.6	13.6	14.4	13.8	12.3	17.9	14.6	12.4	15.1	15.5	16.5	14.7
MEAN:	8.86	9.07	8.65	7.33	9.09	10.10	12.06	9.24	7.78	7.43	7.85	7.76
ANNUAL OBSERVATIONS:		117		ANNUAL MEAN:	8.74	ANNUAL MAX:	17.9					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(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 se LAND USE: RESIDENTIAL
 MONITOR COMMENTS: LOCATION SETTING: URBAN AND CENTER CITY

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

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality

MONITOR TYPE: SLAMS

REPORT FOR: 2015

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 Environmental Quality

MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			14.3					6.8				
2		AG				4.1	13.2				AV	4.5
3	13.7			7.6	11.4 2				15.9	AV		
4			5.0					10.4				
5		6.2 X				6.3	9.1				8.0 TB	11.3
6	AR			7.8	10.5 2				6.7	5.8 TB		
7			13.0					7.3				
8		9.5				9.7	13.7 X				4.4 TB	9.7
9	AR			13.3	8.0 2				5.6	10.2 TB		
10			9.0					9.2				
11		8.8 X				AJ	11.2				6.9 TB	13.6
12	AB			9.1	11.0				9.0	7.9 TB		
13			6.0					9.3				
14		6.8				13.3	5.2				8.2 TB	3.0
15	12.4			3.5	12.2				9.5	5.3 TB		
16			5.7					12.4				
17		14.0				10.3	11.8				11.4 TB	8.8
18	7.0			5.2	9.1				10.4	9.4 TB		
19			9.9					4.8				
20		11.2				8.9	11.4				5.9 TB	17.2
21	11.2 X			5.2	10.5				8.9	11.7 TB		
22			AV					10.6				
23		10.8				15.7	12.4				6.2	2.9
24	6.2 X			6.2	7.2				5.3	17.5 TB		
25			9.8					9.6				
26		11.1				13.3	14.5				10.5	5.6
27	6.1 X			7.1 2	3.8				1.9	3.5 TB		
28			4.9					12.0				
29						6.6	9.2				15.1	4.3
30	7.7 X			10.1 2	5.9				4.6 TB	9.5 TB		
31			7.1					6.1				
NO.:	7	8	10	10	10	9	10	11	10	9	9	10
MAX:	13.7	14.0	14.3	13.3	12.2	15.7	14.5	12.4	15.9	17.5	15.1	17.2
MEAN:	9.19	9.80	8.47	7.51	8.96	9.80	11.17	8.95	7.78	8.98	8.51	8.09
ANNUAL OBSERVATIONS:		113		ANNUAL MEAN:	8.91	ANNUAL MAX:	17.5					

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

May. 30, 2018

(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 Environmental Quality

REPORT FOR: 2015

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									
2											3.5	4.5
3									15.8	AV		
4								10.6				
5		6.0				6.5	8.6					
6	BJ			7.8	AS							
7			12.3								4.6	9.6
8												
9									5.0	10.5		
10								9.3				
11		8.9				7.7	11.5					
12	AN			8.7	11.8							
13			5.6								7.8	2.5
14									9.1	5.8		
15								12.3				
16												
17		15.8				9.9	12.1					
18	6.9			4.6	AN							
19			8.9									
20											6.0	17.1
21									9.1	12.0		
22								11.0				
23		9.9				14.3	12.8					
24	5.7			6.3	6.6							
25			9.8									
26											10.8	5.7
27									1.6	3.3		
28								11.8				
29						6.8	9.2					
30	7.5			10.8	6.8							
31			5.7									
NO.:	3	4	6	5	3	5	5	5	5	4	5	5
MAX:	7.5	15.8	13.8	10.8	11.8	14.3	12.8	12.3	15.8	12.0	10.8	17.1
MEAN:	6.70	10.15	9.35	7.64	8.40	9.04	10.84	11.00	8.12	7.90	6.54	7.88
ANNUAL OBSERVATIONS:		55		ANNUAL MEAN:	8.71	ANNUAL MAX:	17.1					

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

May. 30, 2018

(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
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2015

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			14.6					7.4				
2		3.6				5.3 FB	13.7 FB				2.7	4.5
3	13.1			8.7	11.2				14.6	1.0		
4			4.6					9.5				
5		5.9				6.4 FB	8.5 FB				8.0	8.8
6	AR			8.2	12.2				7.3	4.6		
7			10.0					8.2				
8		9.3				9.3 FB	14.7 FB				4.2	9.7
9	AR			13.2	6.9				AN	11.1		
10			8.9					9.5				
11		10.0				7.9 FB	10.8				5.5	12.2
12	AB			7.6	11.5				8.2	6.0		
13			5.2					8.7				
14		6.2				AN	5.7				8.9	2.6
15	13.4			3.5	12.3				8.5	5.4		
16			4.8					13.3				
17		13.3				AN	12.2				10.7	6.7
18	7.2			5.6	9.9 FB				8.2	4.3		
19			8.8					5.1				
20		11.0				10.8 FB	10.8				4.2	7.4
21	11.6			4.9	10.5 FB				8.2	8.2		
22			10.4					11.5				
23		9.5				17.4 FB	11.7				6.7	3.3
24	3.9			4.3	7.8 FB				5.1	17.2		
25			9.8					9.8				
26		9.7				AV	15.0				9.0	5.0
27	6.6			6.0	3.5 FB				1.4	3.4		
28			4.0					12.1				
29						7.4 FB	10.4				12.3	5.9
30	7.0			9.6	6.4 FB				4.0	6.0		
31			6.2					6.5				
NO.:	7	9	11	10	10	7	10	11	9	10	10	10
MAX:	13.4	13.3	14.6	13.2	12.3	17.4	15.0	13.3	14.6	17.2	12.3	12.2
MEAN:	8.97	8.72	7.94	7.16	9.22	9.21	11.35	9.24	7.28	6.72	7.22	6.61
ANNUAL OBSERVATIONS:		114		ANNUAL MEAN:	8.27	ANNUAL MAX:	17.4					

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-121-0004 POC: 1
 COUNTY: (121) Mitchell
 CITY: (64260) Spruce Pine
 SITE ADDRESS: 272 Hospital Dr
 SITE COMMENTS: Monitor moved 10 meters on 3/31/2015
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 35.9124870009
 LONGITUDE: -82.062082
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 788
 PROBE HEIGHT: 2.31

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

REPORT FOR: 2015

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			AV					6.9				
2		4.5		8.5		3.5 FB	9.6				1.7 V	1.5 V
3	4.2			7.1	9.3 J				14.5	.6 V		
4			10.7					8.4 IT				
5		4.5				5.7	5.4				3.5	9.6
6	8.7			6.3	12.2 J				11.3	3.1		
7			4.7					4.4 IT				
8		12.5	6.1			9.9	11.9				3.5	12.6
9	6.4 V			9.5	8.6 FB				4.5	8.1		
10			10.6					8.6 IT				
11		7.4				7.8	8.7				5.8	13.8
12	6.7			10.9	7.1 FB				4.0	3.8		
13			6.1					7.0 IT				
14		6.6				8.9	2.8				3.5	2.9
15	6.8			2.1 V	13.5 FB				7.0	5.0		
16			3.2					8.0 IT				
17		5.7 V				8.2	12.5				8.7	5.8
18	6.1			5.9	8.7 FB				11.5	3.5		
19			9.2					4.5				
20		7.5 V				7.2	11.8				4.5	5.2
21	8.9			4.5	7.0 FB					6.1	9.4	
22			6.7					10.0				
23		9.8				13.9	9.7				5.0	AQ
24	3.9			5.0	8.4 FB				4.5	15.7		
25			8.5					6.3				
26		7.5				11.7	10.0				8.5	2.4
27	7.0 V			AV	4.7 FB				.5 V	3.4		
28			4.0					10.9				
29				11.2		5.8	10.3				5.2	4.4
30	3.7			8.3 J	6.5 FB				3.5	3.7		
31			BE					10.0				
NO.:	10	9	10	11	10	10	10	11	10	10	10	9
MAX:	8.9	12.5	10.7	11.2	13.5	13.9	12.5	10.9	14.5	15.7	8.7	13.8
MEAN:	6.24	7.33	6.98	7.21	8.60	8.26	9.27	7.73	6.74	5.63	4.99	6.47
ANNUAL OBSERVATIONS:		120		ANNUAL MEAN:	7.13	ANNUAL MAX:	15.7					

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

May. 30, 2018

(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: 35.2632
 LONGITUDE: -79.836613
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 173
 PROBE HEIGHT: 2

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

REPORT FOR: 2015

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		3.5				AI						
3	8.8			8.0	7.7							
4			4.5									
5		5.3				4.2						
6	6.8			7.5	8.7							
7			5.9									
8		8.8 V				8.2						
9	7.4			12.2	5.0							
10			10.6									
11		7.0				8.0						
12	8.2			8.2	11.8							
13			4.0									
14		6.0				10.8						
15	11.4			3.5	12.4							
16			4.2									
17		11.2				9.2						
18	7.6			6.2	7.8							
19			8.5									
20		9.2 V				7.1						
21	12.7 V			5.6	10.2							
22			9.8									
23		12.0				11.9						
24	3.3			4.2	7.2							
25			9.3									
26		8.7				13.4						
27	5.5			5.2	AI							
28			4.5									
29						7.0						
30	AQ			9.1	AI							
31			3.9									
NO.:	9	9	11	10	8	9	0	0	0	0	0	0
MAX:	12.7	12.0	10.6	12.2	12.4	13.4						
MEAN:	7.97	7.97	6.85	6.97	8.85	8.87						
ANNUAL OBSERVATIONS:		56		ANNUAL MEAN:	7.84	ANNUAL MAX:	13.4					

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-123-0001 POC: 3
COUNTY: (123) Montgomery
CITY: (10120) Candor
SITE ADDRESS: 126 PERRY DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER:
LATITUDE: 35.2632
LONGITUDE: -79.836613
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 173
PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2015

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	14.4	25.6	21.4	20.1	16.8	8.7	13.4	17.0	19.9	13.7	11.9	14.4	14.4	17.0	14.9	9.0	8.7	11.4	7.5	6.9	11.7	8.2	10.2	24	25.6																															
2	10.4	8.5	7.5	9.0	8.5	7.8	6.4	9.0	8.0	8.3	18.2	8.0	5.4	6.6	6.6	11.0	11.5	9.7	8.0	14.4	12.7	12.2	16.6	9.5	24	18.2																															
3	14.4	15.6	19.4	13.4	18.9	19.2	17.0	15.6	12.4	9.9	9.5	8.7	12.7	9.2	8.7	7.8	8.0	9.7	7.0	6.4	9.0	8.3	4.9	6.6	24	19.4																															
4	5.7	4.2	4.4	1.5	.5	5.9	5.1	3.7	5.1	4.4	3.7	2.5	2.2	3.7	2.0	AV	1.0	3.4	4.4	5.7	4.4	5.2	7.0	5.7	23	7.0																															
5	4.4	3.2	3.7	6.8	6.6	3.9	4.9	3.2	5.9	4.9	2.9	2.5	5.9	3.9	5.4	5.7	3.9	3.0	3.7	4.4	5.6	5.4	4.4	5.4	24	6.8																															
6	7.1	5.4	5.4	6.9	7.8	5.6	3.6	8.2	6.4	5.6	3.2	3.7	2.8	3.7	2.8	4.5	8.6	12.3	8.5	27.3	9.0	13.6	10.9	10.2	24	27.3																															
7	9.7	8.0	8.5	11.7	9.2	9.5	9.9	12.9	13.4	12.2	6.9	5.1	6.6	5.6	9.5	6.8	5.6	5.1	8.5	7.0	6.0	8.1	6	10.8	6	8.3	6	24	13.4																												
8	AV	7.6	6	5.4	6	4.2	6	6.6	6	6.4	6	7.0	6	4.6	6	4.8	4.1	3.9	2.2	1.2	1.2	7.8	5.4	5.6	6.1	5.0	6.5	6.3	23	7.8																											
9	7.3	7.0	7.5	7.5	9.9	10.9	10.7	9.9	9.9	12.7	9.5	6.1	4.1	8.7	6.6	7.3	13.2	11.4	9.2	9.9	8.2	11.4	14.9	8.2	24	14.9																															
10	11.7	12.7	11.2	10.2	7.5	9.4	10.9	9.2	8.5	7.8	6.4	4.6	4.6	10.2	6.6	4.2	6.8	8.0	4.9	3.9	7.1	9.5	7.5	6.1	24	12.7																															
11	7.5	5.8	10.6	12.4	9.4	11.6	13.8	6	18.8	17.0	11.7	9.9	7.0	5.6	9.5	6.4	6.8	9.2	7.3	9.0	7.3	6.4	11.2	10.7	13.6	24	18.8																														
12	12.9	16.3	14.2	11.9	10.7	10.9	10.0	10.5	10.7	8.2	17.8	8.3	10.5	7.5	5.1	5.6	9.2	6.1	4.9	7.8	9.9	10.7	13.6	10.0	24	17.8																															
13	18.0	13.6	15.6	11.7	11.7	11.9	11.2	9.5	7.0	7.3	10.0	8.9	AX	.2	9.4	8.7	11.4	16.0	14.6	15.8	13.1	18.7	14.4	12.4	23	18.7																															
14	14.1	12.4	10.7	12.9	10.7	9.5	10.9	9.0	13.6	12.2	11.7	9.7	10.2	10.7	13.1	11.7	7.3	8.2	7.3	10.9	10.9	7.3	10.9	8.5	24	14.1																															
15	9.0	8.0	7.3	8.0	11.4	16.1	11.7	13.9	12.4	11.2	13.4	15.8	14.9	10.2	19.2	16.3	10.4	18.5	19.4	13.9	17.7	13.1	15.8	12.9	24	19.4																															
16	16.0	12.9	13.1	14.1	9.9	11.4	14.4	15.6	10.7	19.1	16.3	5.9	9.4	6.8	5.9	5.9	8.7	10.2	8.5	5.9	5.8	5.9	9.9	8.5	24	19.1																															
17	8.5	8.2	11.4	12.6	11.1	9.0	10.4	9.4	11.4	10.2	10.2	10.7	8.9	7.5	7.1	7.1	5.4	5.9	16.5	10.7	16.8	9.4	12.2	9.9	24	16.8																															
18	11.2	10.7	10.7	13.6	12.6	14.8	15.1	13.9	11.9	14.9	11.4	6	7.3	14.4	10.0	7.3	5.9	4.7	3.9	7.0	9.0	11.4	8.7	7.0	4.6	24	15.1																														
19	4.8	8.0	7.5	5.6	9.2	8.0	8.7	9.7	6.8	4.6	2.7	1.0	2.3	2.0	6	3.5	6	4.5	6	3.2	3.5	2.9	2.2	2.9	5.9	6.8	5.9	24	9.7																												
20	6.4	6.6	4.9	8.5	7.0	7.5	8.0	11.4	7.3	10.7	8.2	7.1	8.8	9.1	6.4	6.7	7.9	10.2	7.0	5.9	15.1	15.3	23.8	20.2	24	23.8																															
21	22.8	22.9	22.8	20.9	22.6	17.5	16.1	10.9	11.9	11.7	12.2	13.1	11.5	11.2	14.2	6	18.7	6	10.0	10.7	13.6	12.9	12.2	18.2	17.3	15.6	24	22.9																													
22	19.4	16.8	17.3	20.4	18.9	21.9	19.7	18.7	19.9	21.9	17.0	16.5	10.2	7.1	5.7	5.0	5.2	5.4	5.1	10.2	20.9	19.2	12.9	8.5	24	21.9																															
23	6.6	12.7	10.4	9.7	12.2	12.2	10.9	10.2	15.4	9.0	8.5	12.9	12.9	11.7	13.6	8.7	8.0	6.3	5.4	4.4	3.6	2.4	1.5	3.4	24	15.4																															
24	.7	3.7	3.9	3.2	4.4	5.9	4.6	2.2	2.2	6.6	4.9	5.6	3.9	2.0	1.5	6	4.9	6	4.9	4.1	5.1	5.1	3.7	6.1	6.4	8.2	24	8.2																													
25	15.1	12.7	11.4	12.9	14.1	15.1	10.0	18.7	10.4	10.0	7.5	8.2	6.6	4.0	3.7	3.7	3.5	4.1	7.8	6.6	5.1	7.5	9.2	6.6	24	18.7																															
26	8.0	6.6	6.8	6.1	8.7	9.9	9.7	7.0	9.7	9.7	9.5	9.7	9.4	14.4	12.7	9.9	5.6	5.6	4.6	2.4	2.4	2.9	3.6	6.9	24	14.4																															
27	5.9	6.6	6.6	4.6	4.9	10.2	8.9	9.7	10.4	8.5	AX	AX	4.3	1	7.2	1	6.1	1	5.6	1	4.8	1	3.6	1	3.6	1	4.6	1	5.1	1	6.3	1	6.8	1	5.1	1	22	10.4																			
28	5.8	1	4.6	1	7.7	1	8.0	1	6.8	1	10.9	1	8.9	1	10.6	1	9.4	1	8.9	1	11.4	1	8.7	1	13.4	1	8.4	1	8.2	1	5.1	1	4.1	1	5.3	1	7.7	1	8.7	1	7.7	1	12.9	1	8.2	1	9.2	1	24	13.4							
29	8.7	1	7.3	1	8.2	1	8.9	1	8.9	1	6.8	1	11.7	1	12.2	1	8.5	1	11.2	1	9.0	1	7.3	1	14.4	1	12.9	1	14.9	1	34.7	1	8.7	1	9.5	1	13.7	1	13.9	1	15.1	1	6.8	1	10.4	1	11.7	1	24	34.7							
30	18.2	1	21.4	1	18.7	1	15.1	1	25.8	1	24.3	1	13.1	1	7.3	1	3.9	1	8.2	1	5.1	1	2.7	1	1.2	1	1.5	1	2.9	1	4.1	1	4.9	1	6.6	1	3.9	1	.7	1	3.9	1	4.1	1	4.6	1	5.6	1	24	25.8							
31	7.1	1	5.4	1	5.4	1	9.0	1	9.2	1	8.5	1	6.1	1	6.1	1	6.1	1	6.1	1	6.6	1	7.8	1	5.4	1	3.7	1	35.4	1	29.7	1	5.1	1	2.7	1	7.5	1	6.9	1	5.6	1	8.0	1	12.4	1	12.2	1	11.2	1	24	35.4					
NO.:	30	31	31	31	31	31	31	31	31	31	30	30	30	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31					
MAX:	22.8	22.9	25.6	21.4	25.8	24.3	19.7	18.8	19.9	21.9	18.2	16.5	14.9	35.4	29.7	34.7	13.2	18.5	19.4	27.3	20.9	19.2	23.8	20.2																																	
AVG:	10.22	9.99	10.45	10.41	10.83	11.27	10.26	10.48	9.88	10.08	9.44	7.63	7.97	8.31	8.48	8.27	6.94	7.59	7.93	8.34	8.80	9.53	10.00	8.87																																	

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 9.25 MONTHLY MAX: 35.4

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-123-0001 POC: 3
 COUNTY: (123) Montgomery
 CITY: (10120) Candor
 SITE ADDRESS: 126 PERRY DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 35.2632
 LONGITUDE: -79.836613
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 173
 PROBE HEIGHT: 2

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

REPORT FOR: FEBRUARY 2015

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	12.0	9.0	12.4	17.7	15.6	12.9	14.6	13.2	15.1	14.4	11.7	14.4	14.4	10.2	6.4	4.9	14.6	.0	4.9	20.4	6.4	4.2	2.7	3.9	24	20.4	
2	3.9	3.2	5.9	4.1	1.5	2.7	4.9	4.4	3.0	.8	1.2	1.1	.8	3.9	2.9	4.9	9.5	8.7	9.9	8.0	9.2	6.8	4.2	8.7	24	9.9	
3	12.2	11.4	10.2	13.4	10.2	11.7	13.1	11.9	9.2	10.7	9.0	AZ	AZ	3.9	7.7	9.0	8.0	8.2	7.1	8.5	9.7	7.1	9.0	7.8	22	13.4	
4	7.7	9.4	12.4	12.4	9.4	13.6	10.4	12.9	12.2	12.4	10.2	11.9	9.9	9.0	7.0	12.2	9.5	9.2	7.3	8.5	6.6	7.3	8.3	8.3	9.2	24	13.6
5	11.4	12.9	16.1	17.7	17.8	16.3	17.0	14.9	9.2	10.7	6.8	4.0	2.0	5.5	6.4	6.4	7.5	5.9	4.1	4.9	7.1	9.4	8.0	8.5	24	17.8	
6	7.5	6.1	8.5	5.6	5.6	8.4	8.2	6.8	5.3	4.6	5.6	4.1	3.9	4.1	5.8	5.4	5.8	3.6	5.9	6.8	4.9	7.1	8.2	6.6	24	8.5	
7	6.8	8.2	8.2	10.7	8.0	8.0	9.2	11.2	10.9	20.6	13.9	13.9	15.6	13.7	12.2	14.1	9.2	11.5	14.6	16.1	11.2	13.6	13.4	15.8	24	20.6	
8	11.7	19.9	18.0	16.3	17.0	20.4	20.6	20.6	17.5	13.6	7.8	5.5	5.2	5.9	4.7	5.2	4.5	4.0	5.4	7.3	11.4	9.2	7.7	11.5	24	20.6	
9	8.5	7.3	6.8	9.7	11.7	9.2	9.2	10.4	9.9	12.6	9.2	10.4	9.5	10.0	9.2	13.9	10.7	11.4	15.3	10.7	13.9	8.7	13.6	11.9	24	15.3	
10	15.3	10.9	7.0	5.6	3.4	3.2	3.1	3.2	7.3	6.8	4.6	4.6	8.7	11.2	9.0	10.7	10.9	7.8	6.6	6.9	13.9	13.1	12.4	13.6	24	15.3	
11	9.9	11.2	14.1	12.2	18.5	14.8	12.2	13.9	10.2	8.2	9.0	8.5	7.3	7.1	6.4	6.1	4.7	8.0	7.0	7.5	6.4	5.4	4.4	9.0	24	18.5	
12	8.3	7.5	7.5	8.0	9.7	12.2	13.9	14.3	14.8	15.3	13.2	10.0	9.3	14.9	12.7	10.4	6.8	6.4	4.4	4.9	3.7	6.6	8.7	10.0	24	15.3	
13	7.5	6.4	4.9	5.6	7.1	7.1	6.3	5.3	6.6	6.8	5.4	7.3	7.5	5.8	4.6	4.4	5.6	7.3	7.7	8.7	6.8	5.4	8.0	7.3	24	8.7	
14	9.0	7.3	6.4	8.7	12.4	9.7	10.7	9.9	11.9	13.6	12.2	11.2	8.5	6.6	7.3	9.2	9.0	8.5	8.0	7.5	12.2	8.2	5.9	9.2	24	13.6	
15	7.3	9.6	7.9	6.0	8.3	7.8	6.0	3.7	3.5	4.1	2.4	2.2	5.4	5.6	4.3	4.4	6.1	5.1	6.6	6.4	8.7	8.4	4.8	6.8	24	9.6	
16	11.4	7.1	7.1	8.0	8.5	8.5	7.3	6.6	5.1	7.3	7.1	5.3	7.3	7.7	50.2	49.9	18.5	9.4	11.9	11.2	11.2	10.9	9.4	9.9	24	50.2	
17	13.6	10.4	10.6	7.5	8.2	8.9	11.9	14.3	9.4	8.4	13.6	14.1	12.9	12.9	11.2	12.4	15.1	11.9	11.7	12.2	18.0	17.7	18.7	19.2	24	19.2	
18	19.6	23.8	29.0	32.9	30.2	32.6	32.9	33.2	28.8	23.1	34.6	AX	25.8	25.3	16.5	11.4	7.2	8.0	7.3	5.6	7.1	5.4	6.6	6.8	23	34.6	
19	5.3	4.5	7.9	7.6	6.9	9.8	6.9	6.7	5.5	4.5	3.6	2.2	6.1	7.7	7.5	6.4	7.5	8.4	7.0	6.8	6.7	8.6	10.7	10.8	24	10.8	
20	9.3	8.3	14.6	14.4	14.0	14.8	17.5	13.7	10.3	11.9	8.4	10.1	8.0	6.6	5.6	5.3	5.9	7.7	11.2	8.7	10.1	10.4	8.5	17.2	24	17.5	
21	11.4	11.9	11.1	10.9	11.9	15.1	14.6	13.1	10.4	12.7	9.2	9.7	7.3	9.4	11.2	9.0	9.4	10.4	8.7	10.2	16.1	15.1	16.5	17.2	24	17.2	
22	18.5	33.9	27.5	21.1	28.3	36.4	28.3	10.2	13.9	16.0	15.8	13.1	13.2	11.2	18.7	14.1	16.5	15.1	16.1	15.8	14.9	16.3	14.1	16.3	24	36.4	
23	10.4	13.9	15.6	18.2	15.3	4.1	11.7	9.4	6.5	13.1	13.2	10.2	12.2	10.9	16.3	11.9	11.2	13.9	11.7	13.4	13.9	14.8	10.9	13.4	24	18.2	
24	10.4	18.5	23.4	21.9	17.8	13.9	12.7	9.9	10.4	6.6	13.4	11.9	7.1	6.8	6.8	3.7	6.8	16.0	12.2	15.3	12.6	13.6	15.1	14.8	24	23.4	
25	17.0	15.3	18.7	25.6	21.1	17.5	15.8	16.5	17.7	20.7	17.0	18.9	14.4	15.4	13.4	11.9	9.7	12.6	11.9	13.2	13.2	9.9	10.4	8.2	24	25.6	
26	5.6	3.6	2.7	4.4	4.4	8.2	10.7	11.4	8.7	7.5	9.0	8.0	14.8	11.7	11.2	12.7	13.6	17.7	18.9	13.9	13.6	13.9	14.1	12.2	24	18.9	
27	13.1	12.7	12.4	15.6	18.5	18.9	24.1	26.3	31.6	24.3	17.2	20.2	18.7	19.1	17.0	19.4	14.8	18.7	17.5	19.2	17.0	19.2	26.3	16.8	24	31.6	
28	17.7	11.9	10.9	7.8	12.7	11.9	18.0	22.1	17.5	14.6	20.9	17.5	15.6	18.4	15.3	15.1	14.8	10.9	12.2	13.2	13.6	11.9	13.9	14.8	24	22.1	
29																										0	
30																										0	
31																										0	
NO.:	28	28	28	28	28	28	28	28	28	28	26	27	28	28	28	28	28	28	28	28	28	28	28	28	28		
MAX:	19.6	33.9	29.0	32.9	30.2	36.4	32.9	33.2	31.6	24.3	34.6	20.2	25.8	25.3	50.2	49.9	18.5	18.7	18.9	20.4	18.0	19.2	26.3	19.2			
AVG:	10.80	11.29	12.06	12.49	12.64	12.81	13.28	12.50	11.51	11.64	10.90	9.55	10.02	9.95	11.17	10.78	9.75	9.44	9.80	10.35	10.74	10.33	10.52	11.14			

MONTHLY OBSERVATIONS: 669 MONTHLY MEAN: 11.07 MONTHLY MAX: 50.2

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-123-0001 POC: 3
 COUNTY: (123) Montgomery
 CITY: (10120) Candor
 SITE ADDRESS: 126 PERRY DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 35.2632
 LONGITUDE: -79.836613
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 173
 PROBE HEIGHT: 2

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

REPORT FOR: MARCH 2015

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	12.9	16.8	11.4	16.3	15.1	18.5	19.1	17.0	17.5	15.1	15.1	7.1	6.8	5.6	6.3	7.0	8.0	8.0	6.6	6.3	11.4	8.0	7.2	7.0	24	19.1			
2	9.0	11.2	10.7	6.6	7.5	7.1	6.3	5.1	9.5	7.0	9.4	8.7	7.1	6.6	4.2	3.5	3.3	3.0	6.2	5.6	7.3	6.8	5.9	6.8	24	11.2			
3	6.4	6.4	7.8	11.2	10.7	14.6	11.9	12.9	10.9	12.9	8.0	AX	7.4	10.6	8.9	6.8	7.7	8.9	7.7	10.4	8.9	14.3	12.1	8.0	23	14.6			
4	9.4	8.4	5.6	6.6	4.1	2.9	2.4	3.2	3.2	5.6	6.6	10.7	17.0	11.5	8.6	6.4	6.4	5.7	9.8	8.8	7.1	6.7	5.1	6.4	24	17.0			
5	7.7	8.0	6.8	9.2	9.0	6.8	8.2	7.5	6.1	8.0	8.5	13.9	9.2	6.1	4.9	3.4	5.9	4.6	2.4	4.4	5.4	5.6	5.1	8.0	24	13.9			
6	8.5	9.4	9.4	9.0	11.9	8.2	10.2	8.9	10.7	10.9	10.7	8.2	10.4	9.2	10.9	8.9	10.9	11.4	13.1	11.2	11.2	16.1	9.7	9.2	24	16.1			
7	10.2	8.5	12.9	14.6	12.9	11.4	11.9	10.4	10.9	8.0	13.1	10.4	9.3	9.0	6.6	6.3	9.0	7.8	8.2	10.7	6.8	5.3	8.0	8.5	24	14.6			
8	10.2	11.4	11.7	13.6	14.4	14.6	10.4	14.4	14.4	10.6	8.3	8.1	5.2	4.4	4.2	5.2	5.2	6.6	6.6	8.1	8.5	10.4	7.8	12.6	12.2	24	14.6		
9	13.9	14.1	14.6	14.3	7.7	15.8	11.9	15.3	14.6	15.6	14.1	10.9	8.2	5.1	10.3	9.5	6.7	6.4	9.0	8.5	8.0	7.0	9.5	15.6	24	15.8			
10	32.4	21.9	23.6	25.3	24.3	21.6	20.4	13.1	14.1	9.9	10.3	5.9	1.4	5.4	7.9	7.6	6.6	7.2	8.1	11.3	12.2	10.2	10.5	10.7	24	32.4			
11	14.1	9.7	9.7	7.5	6.6	6.1	3.7	8.2	6.5	15.9	6.1	11.3	6.1	15.6	10.1	6.6	9.8	6.6	AV	AV	13.7	7.6	6.4	5.7	3.1	2.4	2.0	22	15.9
12	4.4	6.8	3.4	3.9	8.0	9.7	7.7	8.2	8.7	11.7	10.5	8.8	7.1	6.6	9.6	6.6	7.4	8.8	8.5	7.8	8.0	7.0	6.1	9.9	11.4	8.7	24	11.7	
13	10.4	11.6	9.2	8.0	7.3	6.6	5.4	6.3	7.7	4.4	3.4	4.6	3.2	3.2	7.2	7.3	4.1	5.6	8.7	7.7	4.6	5.6	7.5	8.5	24	11.6			
14	7.0	7.5	8.0	10.4	9.4	9.7	9.7	9.9	8.5	6.8	3.9	4.1	4.9	6.6	5.9	9.9	10.4	7.0	5.6	7.3	5.9	3.9	5.1	7.5	24	10.4			
15	5.3	1.9	4.9	6.4	8.9	6.8	8.9	9.0	8.0	4.9	4.2	5.4	4.2	6.6	8.3	5.7	5.2	24.7	6.4	4.4	6.1	8.3	8.5	8.0	5.9	5.4	24	24.7	
16	7.0	4.6	3.9	10.4	9.2	6.6	6.1	7.3	10.4	7.1	4.7	2.5	5.4	4.6	4.9	2.5	6.6	3.7	3.9	6.4	6.6	5.6	9.5	8.0	9.0	11.9	24	11.9	
17	10.4	11.9	10.4	14.8	14.1	13.4	17.0	14.3	14.1	8.8	6.1	AX	3.0	6.6	5.4	6.6	19.0	6.4	8.8	8.5	9.0	6.6	8.5	6.3	10.1	8.9	7.8	23	19.0
18	10.4	7.1	6.1	9.2	5.3	2.9	5.3	4.3	5.1	3.8	3.4	2.2	2.2	1.2	.2	2.4	4.6	4.3	5.6	6.1	6.8	6.8	7.8	16.0	24	16.0			
19	12.6	16.3	14.6	9.2	11.4	9.5	8.3	9.7	11.1	8.5	7.5	10.7	11.9	9.7	12.9	12.6	13.6	12.6	15.8	11.4	10.2	8.3	7.5	6.8	24	16.3			
20	4.6	4.1	3.1	2.9	7.3	5.6	5.3	4.8	5.3	6.1	3.9	8.9	6.8	2.9	2.2	6.3	20.6	10.4	12.6	10.4	12.1	8.5	12.6	12.1	24	20.6			
21	10.0	9.7	11.7	10.5	11.5	12.9	10.2	12.4	10.4	9.0	6.1	6.6	5.7	6.6	3.2	3.0	4.6	2.5	2.4	6.6	3.4	5.1	19.4	9.7	12.6	12.4	10.4	24	19.4
22	8.7	9.4	8.8	11.9	13.4	10.2	7.8	12.1	10.1	8.3	5.8	9.7	6.6	9.9	10.2	8.7	6.6	8.7	9.7	9.7	7.5	8.9	10.4	10.6	12.6	9.7	24	13.4	
23	9.4	6.6	10.2	8.0	9.4	9.5	15.0	9.9	10.4	10.9	6.8	4.8	6.8	5.9	6.1	6.6	7.8	8.3	6.6	10.9	10.4	10.4	8.9	8.3	13.1	8.5	24	15.0	
24	7.1	10.7	7.0	10.5	9.5	10.5	7.5	7.0	5.1	2.9	5.6	8.5	7.8	8.6	8.7	6.6	29.8	45.9	6.6	21.2	26.4	25.5	17.9	13.1	14.6	13.1	24	45.9	
25	15.5	15.3	11.6	11.4	15.0	9.9	9.6	8.5	8.0	8.9	7.3	8.7	7.5	7.7	6.6	15.6	17.5	17.0	12.4	10.2	17.5	15.8	13.1	9.1	9.6	24	17.5		
26	5.8	2.6	2.4	2.7	4.6	6.6	3.8	6.8	8.4	6.1	7.3	7.5	6.1	5.9	8.7	8.0	9.5	9.0	6.3	8.2	8.4	8.2	7.9	10.6	24	10.6			
27	8.2	9.4	7.8	10.1	9.7	4.8	3.1	3.1	2.2	3.1	5.1	2.6	.0	.0	3.1	3.6	3.6	3.3	2.6	1.2	3.1	2.2	3.1	3.8	24	10.1			
28	3.8	8.5	8.0	10.4	7.5	9.2	8.2	10.4	7.5	5.6	6.5	7.5	6.3	6.1	6.3	7.1	5.3	6.8	7.3	8.7	10.0	6.8	6.1	5.8	24	10.4			
29	8.7	6.3	7.8	8.0	6.5	8.5	5.8	6.8	7.5	7.3	3.1	1.2	3.6	5.6	3.8	4.8	3.3	3.8	4.6	5.8	6.3	5.3	7.3	6.1	24	8.7			
30	4.6	7.8	6.5	8.0	8.2	7.0	9.9	10.0	7.8	AX	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	9	10.0		
31	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0			
NO.:	30	30	30	30	30	30	30	30	30	29	29	27	29	29	28	28	29	29	29	29	29	29	29	29	29	29			
MAX:	32.4	21.9	23.6	25.3	24.3	21.6	20.4	17.0	17.5	15.9	15.1	15.6	17.0	11.5	19.0	29.8	45.9	21.2	21.4	25.5	17.9	16.1	14.6	16.0					
AVG:	9.62	9.46	8.99	10.03	10.01	9.58	9.03	9.23	9.16	8.40	7.57	7.51	6.62	6.49	7.12	7.71	9.92	7.66	8.23	9.29	8.70	8.26	8.61	8.85					

MONTHLY OBSERVATIONS: 701 MONTHLY MEAN: 8.60 MONTHLY MAX: 45.9

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-123-0001 POC: 3
 COUNTY: (123) Montgomery
 CITY: (10120) Candor
 SITE ADDRESS: 126 PERRY DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 35.2632
 LONGITUDE: -79.836613
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 173
 PROBE HEIGHT: 2

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

REPORT FOR: APRIL 2015

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	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0						
2	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	AX	BA	8.0	12.1	8.7	7.3	6.3	5.3	10.1	12.6	12.1	7.9	7.3	11	12.6					
3	11.1	7.8	5.3	6.7	7.0	5.8	10.8	14.5	10.6	10.4	11.4	11.9	7.8	9.2	6.8	6.6	8.7	8.7	6.6	10.6	10.1	11.2	8.7	11.9	24	14.5					
4	8.6	15.1	9.2	13.4	13.4	10.4	8.4	5.6	3.1	2.9	6.5	4.3	2.2	2.2	4.1	3.1	.9	1.8	4.8	4.0	3.6	4.3	5.8	24	15.1						
5	3.8	2.3	2.8	2.6	1.9	4.0	4.3	1.6	3.5	3.1	.2	.7	1.7	1.4	1.9	1.7	1.4	2.4	3.1	3.8	4.0	3.1	5.3	3.5	24	5.3					
6	1.8	4.3	3.8	6.8	8.7	8.7	9.1	7.7	5.3	9.1	7.3	4.6	9.2	8.2	15.1	13.1	8.9	9.2	8.7	10.1	9.2	9.9	11.9	10.3	24	15.1					
7	11.9	7.7	5.8	8.9	9.1	6.0	4.8	6.5	6.8	7.2	8.0	7.7	16.0	9.9	11.1	10.7	14.3	11.0	AV	7.5	16.0	9.7	12.6	10.9	23	16.0					
8	10.4	9.6	9.7	10.1	10.6	12.1	13.4	13.1	18.6	15.1	16.0	16.5	15.1	13.2	11.7	13.6	11.9	13.6	14.6	16.0	13.4	9.4	10.6	10.9	24	18.6					
9	13.9	15.3	15.1	13.4	15.8	16.7	14.5	13.9	16.0	15.8	17.0	16.8	14.8	18.4	16.8	13.9	18.2	15.8	17.5	17.5	17.2	15.6	11.4	8.4	24	18.4					
10	7.7	8.0	7.5	6.3	4.8	2.1	6.8	6.8	9.9	9.4	13.4	12.1	12.4	11.2	8.2	5.9	9.2	7.2	8.5	7.7	9.7	6.6	7.0	7.2	24	13.4					
11	6.8	7.5	8.9	8.0	7.5	5.3	2.6	2.2	4.3	6.6	5.8	4.3	1.7	1.0	4.9	5.3	5.1	5.1	5.6	8.4	7.5	6.8	7.5	11.6	24	11.6					
12	12.3	10.8	11.6	13.6	11.6	10.3	8.0	6.3	5.0	4.3	5.6	6.3	7.0	6.1	6.3	6.3	4.8	5.8	6.8	11.6	11.1	11.8	23.0	11.3	24	23.0					
13	7.0	6	4.0	4.5	8.7	8.5	5.8	5.8	7.5	8.4	7.5	7.5	10.1	29.3	60.1	38.0	17.2	6.8	8.9	7.3	7.1	6.8	5.1	3.8	6.8	24	60.1				
14	8.9	5.3	5.6	4.1	4.4	3.6	4.1	5.1	4.6	7.7	5.8	BA	2.4	1.7	1.7	2.4	.7	1.9	2.9	1.9	3.4	3.6	2.2	.9	23	8.9					
15	2.8	-5	-4.3	6.5	4.5	6	1.9	2.6	3.3	4.6	4.3	3.1	3.8	6.5	5.5	4.1	8.0	5.8	4.0	3.8	3.8	4.5	4.8	3.6	2.3	24	8.0				
16	6.0	6.3	7.8	6.5	8.2	7.7	9.9	6.5	4.5	4.5	2.1	4.3	6.3	6.5	10.3	8.2	8.2	7.5	9.4	9.4	8.5	7.7	8.2	7.7	24	10.3					
17	AV	15.7	11.6	8.2	7.5	9.8	8.5	10.6	9.4	16.0	11.4	6.3	4.6	5.6	7.7	8.4	6.5	7.7	8.2	5.8	7.0	7.5	5.6	6.5	23	16.0					
18	8.2	6.5	9.6	14.1	13.6	11.9	9.6	14.6	11.9	10.9	8.0	11.1	10.1	6.8	6.3	8.7	5.6	3.8	5.1	4.6	6.8	8.2	7.2	9.1	24	14.6					
19	5.3	3.3	6.5	9.4	8.2	10.1	9.6	8.9	9.4	8.7	6.8	3.9	2.7	5.6	6.3	2.2	-6	4.8	3.6	2.9	6.1	3.4	3.6	3.8	24	10.1					
20	1.7	3.3	3.1	4.8	2.6	5.8	9.6	6.6	6.8	10.4	8.2	8.9	10.7	10.4	11.9	9.4	10.9	9.4	11.4	8.2	6.3	7.5	8.4	7.0	24	11.9					
21	4.3	2.4	4.8	7.7	7.0	3.8	5.3	6.3	6.8	6.1	5.6	7.0	6.6	7.5	6.8	6.8	9.7	6.1	8.2	8.6	8.4	8.2	8.0	7.7	24	9.7					
22	8.9	8.4	7.0	14.3	13.5	11.4	9.7	8.2	7.3	4.8	3.8	4.1	3.1	3.4	6.6	7.6	5.8	9.9	10.6	9.1	10.6	8.2	6.7	9.6	24	14.3					
23	9.6	8.0	8.4	8.9	9.2	9.2	12.1	6.7	4.8	3.8	4.6	5.0	6	5.0	6.0	6.0	7.0	9.0	7.0	6.0	7.0	6	11.0	12.0	14.0	24	14.0				
24	9.0	6.0	7.0	8.0	6.0	4.0	3.0	5.0	5.0	4.0	5.0	AV	-2	2.2	1.4	3.4	4.6	4.1	9.4	10.1	11.8	8.2	8.0	8.2	23	11.8					
25	8.4	9.2	8.2	8.4	7.7	7.7	8.2	7.5	8.9	11.1	10.1	8.4	7.2	6.8	10.8	9.6	10.6	10.1	9.8	6.0	6.5	7.0	6.3	6.7	24	11.1					
26	8.0	6.5	5.5	7.2	5.7	6.3	6.5	3.1	4.8	5.0	4.8	4.3	8.7	6.7	5.8	7.5	5.3	8.0	8.5	7.0	9.7	6.8	5.3	5.3	24	9.7					
27	6.5	5.3	5.0	4.8	5.8	6.7	10.4	11.6	8.2	10.6	8.7	6.5	7.9	6.6	5.8	6.3	6.1	6.1	9.6	8.2	9.6	11.3	6.7	8.0	24	11.6					
28	11.1	8.4	17.6	9.7	8.2	10.9	6	9.4	6	10.9	6	9.2	9.0	6.8	5.3	6.9	AX	.9	.2	2.2	1.9	5.3	8.6	5.3	2.6	1.9	2.6	6	23	17.6	
29	3.8	6	6.7	6	8.4	6	7.0	6	8.4	6	12.1	12.1	9.4	8.7	7.3	4.6	7.3	7.3	11.1	12.1	10.3	8.6	8.0	10.8	11.1	7.0	2.8	4.5	8.9	24	12.1
30	9.4	8.9	6.5	5.3	7.0	8.2	12.8	7.5	8.5	6.1	15.0	10.9	7.5	8.7	9.4	11.6	6.8	13.1	13.9	11.6	10.3	9.1	10.3	8.4	24	15.0					
31																										0					
NO.:	27	28	28	28	28	28	28	28	28	28	28	26	28	28	29	29	29	29	28	29	29	29	29	29	29						
MAX:	13.9	15.7	17.6	14.3	15.8	16.7	14.5	14.6	18.6	16.0	17.0	16.8	29.3	60.1	38.0	17.2	18.2	15.8	17.5	17.5	17.2	15.6	23.0	11.9							
AVG:	7.67	7.22	7.23	8.34	8.09	7.80	8.28	7.77	7.68	7.92	7.61	7.40	7.88	8.93	8.59	7.75	7.09	7.18	7.94	8.24	8.77	7.72	7.74	7.57							

MONTHLY OBSERVATIONS: 678 MONTHLY MEAN: 7.85 MONTHLY MAX: 60.1

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-123-0001 POC: 3
 COUNTY: (123) Montgomery
 CITY: (10120) Candor
 SITE ADDRESS: 126 PERRY DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 35.2632
 LONGITUDE: -79.836613
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 173
 PROBE HEIGHT: 2

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

REPORT FOR: MAY 2015

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	5.8	4.5	5.3	9.4	6.8	3.1	1.6	2.3	1.6	.6	1.4	3.8	5.0	2.6	2.9	4.8	1.9	1.9	5.1	6.7	3.3	4.5	6.3	4.5	24	9.4			
2	2.3	4.5	5.0	4.5	6.0	5.8	6.7	7.5	7.5	13.4	8.9	4.1	2.4	3.1	4.6	5.1	10.4	6.8	7.3	5.0	8.9	8.7	10.1	8.2	24	13.4			
3	7.5	8.4	9.9	5.5	2.8	8.4	10.1	12.1	12.9	9.4	8.2	7.3	5.1	5.9	4.8	7.7	6.1	4.4	5.3	3.6	7.3	10.6	10.3	10.3	24	12.9			
4	12.5	12.3	10.1	13.5	8.4	8.2	9.4	10.4	15.1	8.2	9.2	8.5	8.2	9.2	8.7	9.7	8.7	7.6	9.6	6.6	14.8	8.0	8.2	4.8	24	15.1			
5	5.5	9.4	7.0	5.8	10.9	7.7	8.7	5.8	6.1	6.3	6.1	5.3	6.1	6.6	6.8	8.0	5.6	11.4	10.9	9.2	10.9	12.3	9.4	9.6	24	12.3			
6	8.2	8.0	5.5	3.8	3.3	5.0	3.8	6.8	8.0	7.1	8.0	9.0	9.0	6.1	7.3	7.0	6.3	8.7	12.1	9.9	11.1	13.1	20.3	19.6	24	20.3			
7	18.4	10.6	16.2	18.9	17.4	15.0	10.8	13.8	7.7	4.8	6.1	5.1	10.1	10.2	8.0	8.9	13.1	12.4	10.1	9.9	8.7	6.3	15.3	10.6	24	18.9			
8	12.1	14.5	6	8.7	6	10.3	6	11.3	6	9.1	5.3	3.8	4.3	2.9	5.8	4.6	9.9	8.5	6.8	7.3	6.1	6.1	5.6	5.3	7.5	4.6	4.3	24	14.5
9	4.8	2.2	2.6	5.5	4.8	2.6	2.9	3.9	5.9	8.0	7.5	7.3	7.1	6.1	9.2	8.7	8.2	14.8	6.3	11.1	9.7	9.7	7.5	9.4	24	14.8			
10	8.4	7.3	7.1	7.5	10.4	6.6	8.2	10.2	6.6	6.8	9.4	5.6	7.7	6.3	5.3	2.9	6.6	5.6	4.1	8.5	6.8	3.6	1.7	4.8	24	10.4			
11	2.4	3.9	5.6	6.3	12.7	11.1	8.2	13.9	11.4	9.9	10.4	8.9	12.9	15.6	10.4	16.8	16.1	18.0	10.9	AV	8.7	9.4	10.6	11.9	23	18.0			
12	12.6	13.1	15.8	14.6	17.9	12.1	15.6	19.0	AX	32.2	BA	30.5	22.1	24.8	14.8	17.3	14.8	10.2	18.5	11.2	8.2	6.1	10.6	14.6	22	32.2			
13	5.3	14.8	7.5	9.4	10.6	8.5	6	5.3	6	4.1	5.6	6.3	4.4	4.1	5.9	5.9	8.7	4.9	8.5	6.9	6.1	7.7	11.1	8.2	6	9.6	6	24	14.8
14	7.0	8.9	10.6	8.7	8.9	10.8	7.0	5.8	5.6	2.7	4.4	8.9	8.0	7.1	9.7	6.8	6.3	7.1	7.1	9.4	6.3	9.8	11.3	12.6	24	12.6			
15	19.2	24.7	24.0	23.0	21.3	6	16.4	12.1	9.1	9.4	8.4	10.2	13.1	9.7	7.7	13.6	12.2	12.9	9.0	10.9	15.1	10.9	14.8	14.6	10.6	24	24.7		
16	12.1	10.4	12.3	12.8	10.8	9.9	7.8	10.2	12.9	11.4	9.7	14.1	9.9	9.4	9.7	9.7	6.3	11.7	10.2	12.2	13.6	12.4	11.9	10.4	24	14.1			
17	9.7	10.9	11.6	7.8	10.4	13.6	10.4	12.2	12.2	8.2	9.2	9.5	12.7	8.7	9.9	13.1	7.8	11.2	10.7	8.9	10.2	6.8	6.3	3.9	24	13.6			
18	4.1	7.6	10.4	8.0	4.6	4.1	4.9	9.7	12.9	11.4	13.4	13.9	11.4	13.4	10.3	13.5	8.3	6.8	3.6	5.6	8.9	8.4	6.1	4.4	24	13.9			
19	3.9	2.0	-1.1	-2	3.4	5.9	8.2	11.7	19.4	16.5	14.1	20.4	8.5	8.5	12.2	13.4	13.1	9.4	7.7	8.9	9.2	10.7	8.9	7.1	24	20.4			
20	5.6	6.8	7.8	11.6	8.3	8.5	6.8	6.4	3.9	4.6	4.6	8.7	5.9	4.6	3.4	3.2	3.2	6.6	7.3	6.6	12.4	8.0	9.9	11.9	24	12.4			
21	11.9	13.4	12.1	14.6	13.6	10.7	18.9	20.1	17.7	20.6	15.1	24.3	20.4	14.6	8.2	7.3	10.7	13.4	AV	8.7	12.6	15.0	9.9	11.9	23	24.3			
22	10.9	9.1	8.2	4.5	2.1	-2	2.1	4.3	7.6	7.1	5.4	7.6	8.0	4.9	4.4	3.4	6.6	5.9	7.3	5.0	4.5	6.5	6.7	10.1	24	10.9			
23	5.5	7.2	5.8	8.0	7.0	8.0	9.2	5.3	6.8	4.9	14.1	9.0	6.1	4.9	6.1	7.8	6.1	8.0	7.1	8.5	9.9	10.9	9.1	9.9	24	14.1			
24	8.9	13.3	10.1	6.8	5.5	6.5	4.1	5.6	6.3	7.1	5.6	4.4	10.4	9.0	6.6	9.9	6	8.0	6	6.8	9.4	9.7	8.7	8.9	8.9	9.2	24	13.3	
25	7.3	11.1	9.6	8.0	8.2	11.6	8.0	9.7	6.6	7.8	8.9	7.1	6.6	6.6	5.4	6	10.4	14.4	6.3	9.0	12.6	11.1	9.4	8.7	5.6	24	14.4		
26	8.0	12.6	6.1	6.8	7.0	6.5	7.3	7.3	6.1	8.2	AZ	BA	BA	4.4	3.7	6	2.4	.7	.5	2.4	3.4	5.1	5.3	4.3	1.9	21	12.6		
27	.0	-3.1	-4.0	.2	2.6	.4	.7	4.8	3.4	1.0	1.4	2.2	4.1	7.1	6.1	7.3	3.9	6.1	4.1	4.1	5.1	9.7	2.9	-1.6	24	9.7			
28	4.0	4.1	3.9	5.8	6.6	5.1	5.6	9.2	9.7	15.8	8.2	8.7	8.2	8.7	6	14.3	13.4	14.8	14.3	12.6	10.6	8.4	11.6	8.5	7.7	24	15.8		
29	5.3	5.1	5.3	9.2	6.1	4.8	3.4	1.7	2.2	BA	BA	BA	BA	5.8	7.4	6.5	10.9	8.9	9.1	7.8	8.4	13.1	12.1	8.4	20	13.1			
30	5.5	5.0	3.8	6.0	7.0	3.8	3.8	11.3	7.7	5.6	4.8	3.8	7.7	3.1	3.6	3.1	3.6	8.9	6.8	4.8	6.5	7.3	10.1	6.0	24	11.3			
31	3.6	4.8	5.3	3.8	2.8	1.6	3.6	4.8	2.8	4.3	6.1	4.3	4.6	7.0	7.3	3.8	1.4	1.7	5.0	6.0	4.6	6.3	6.7	5.5	24	7.3			
NO.:	31	31	31	31	31	31	31	31	30	30	28	29	29	31	31	31	31	31	30	30	31	31	31	31	31				
MAX:	19.2	24.7	24.0	23.0	21.3	16.4	18.9	20.1	19.4	32.2	15.1	30.5	22.1	24.8	14.8	17.3	16.1	18.0	18.5	15.1	14.8	15.0	20.3	19.6					
AVG:	7.69	8.63	8.00	8.40	8.35	7.53	7.24	8.53	8.18	8.76	7.78	9.15	8.57	7.99	7.80	8.25	8.15	8.30	8.09	8.10	8.75	9.13	9.08	8.31					

MONTHLY OBSERVATIONS: 733 MONTHLY MEAN: 8.28 MONTHLY MAX: 32.2

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-123-0001 POC: 3
 COUNTY: (123) Montgomery
 CITY: (10120) Candor
 SITE ADDRESS: 126 PERRY DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 35.2632
 LONGITUDE: -79.836613
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 173
 PROBE HEIGHT: 2

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

REPORT FOR: JUNE 2015

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	3.8	3.3	6.5	3.8	4.1	2.8	1.6	7.0	6.8	7.7	6.5	3.6	4.1	5.3	3.3	.9	2.4	3.6	2.8	1.2	.4	1.2	1.9	24	7.7	
2	3.3	4.5	4.3	7.5	6.3	6.5	7.8	5.0	7.9	7.0	AX	AX	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	10	7.9
3	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	
4	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	
5	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	
6	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	
7	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	
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	12.3	14.1	14.8	15.5	6	16.7	16.7	20.8	19.3	21.8	18.6	21.1	19.4	12	21.8
17	18.1	16.2	18.6	18.1	15.0	15.7	13.1	10.4	9.4	9.6	7.5	7.3	8.4	7.0	3.8	6	5.1	4.8	12.1	8.4	8.0	15.0	8.2	6.5	15.0	24	18.6
18	10.3	8.6	14.8	13.1	12.6	8.6	15.0	18.2	32.1	28.2	20.8	19.3	21.3	20.6	17.2	22.3	14.8	12.8	12.6	AV	7.9	9.1	AV	AV	21	32.1	
19	5.0	9.6	6.5	4.0	5.6	8.9	6.8	6.5	17.7	9.4	12.6	16.2	16.2	16.2	13.1	13.6	10.4	9.4	7.0	7.7	7.5	8.7	6.5	5.8	24	17.7	
20	11.1	6.3	10.1	7.5	5.1	5.8	10.1	10.6	9.9	9.9	8.9	5.6	2.4	3.8	5.1	5.1	6.8	6.8	8.9	9.6	9.9	11.3	9.4	14.8	24	14.8	
21	10.9	9.6	10.6	9.6	8.6	11.3	11.6	14.5	7.3	5.5	7.7	7.0	7.3	2.9	6.6	5.0	4.3	7.5	5.0	2.8	10.1	10.8	AV	6.7	23	14.5	
22	6.7	5.0	5.0	7.0	5.3	5.3	7.7	8.2	5.3	3.1	6.0	5.8	8.4	12.8	10.1	7.5	8.6	8.9	10.6	7.8	14.8	8.4	11.8	11.1	24	14.8	
23	12.1	9.4	10.6	10.1	15.5	11.6	12.1	12.1	15.3	11.9	15.0	13.1	8.9	16.9	10.9	9.6	8.9	10.6	12.6	10.9	13.3	13.8	13.3	12.8	24	16.9	
24	15.5	10.9	15.0	14.8	16.2	11.3	22.3	20.6	25.7	16.0	16.5	18.2	13.6	15.0	12.8	14.3	11.6	18.7	16.9	14.8	18.9	12.8	22.0	18.7	24	25.7	
25	18.7	11.4	16.4	15.5	15.2	9.6	10.4	9.8	12.6	8.6	9.1	10.3	13.6	9.4	8.2	13.3	16.2	11.9	14.8	14.8	AV	15.0	15.5	20.6	23	20.6	
26	14.8	13.3	12.6	14.6	10.9	11.9	16.5	17.4	11.9	17.2	17.5	14.1	17.2	20.1	15.8	25.8	21.1	21.3	18.2	18.4	12.4	7.8	4.1	5.3	24	25.8	
27	7.5	5.6	3.6	4.1	2.1	1.2	2.1	3.3	8.6	11.4	14.3	9.4	9.2	9.9	7.9	10.4	AV	2.4	3.3	4.3	3.1	1.1	-1.2	- .9	23	14.3	
28	2.4	.9	2.6	7.0	4.3	7.0	4.3	4.6	3.8	2.6	5.6	5.5	4.3	2.9	4.6	5.6	5.6	5.5	2.9	5.0	8.9	8.4	8.1	9.3	24	9.3	
29	9.8	7.2	9.6	10.5	8.8	12.5	10.8	9.4	5.3	4.3	8.9	7.5	5.1	6.8	7.9	11.1	6.5	11.9	9.9	10.6	12.8	10.6	9.9	8.4	24	12.8	
30	9.1	9.8	11.9	12.1	12.3	10.1	9.9	11.1	10.1	AX	10.1	15.3	9.9	9.7	10.6	10.4	16.4	12.3	9.8	8.1	6.7	6.3	12.6	9.4	23	16.4	
31																										0	
NO.:	16	16	16	16	16	16	16	16	16	15	15	15	16	16	16	16	15	16	16	15	15	16	14	15			
MAX:	18.7	16.2	18.6	18.1	16.2	15.7	22.3	20.6	32.1	28.2	20.8	19.3	21.3	20.6	17.2	25.8	21.1	21.3	20.8	19.3	21.8	18.6	22.0	20.6			
AVG:	9.99	8.26	9.72	10.13	9.23	8.84	10.21	10.21	11.87	10.10	11.21	10.74	10.11	10.76	9.67	11.12	10.24	10.70	10.33	9.66	10.95	9.46	10.06	10.55			

MONTHLY OBSERVATIONS: 375 MONTHLY MEAN: 10.17 MONTHLY MAX: 32.1

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-123-0001 POC: 3
 COUNTY: (123) Montgomery
 CITY: (10120) Candor
 SITE ADDRESS: 126 PERRY DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 35.2632
 LONGITUDE: -79.836613
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 173
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality

MONITOR TYPE: SLAMS

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2015

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	10.1	9.6	8.9	10.1	9.6	10.8	14.5	15.7	13.6	18.9	18.1	17.4	14.5	18.1	16.9	19.3	18.4	17.2	23.1	26.5	31.3	26.5	31.1	28.2	24	31.3	
2	25.7	20.8	24.3	29.7	21.6	22.1	24.3	25.5	20.8	20.3	16.0	19.3	9.6	6.5	4.1	8.7	6.8	10.1	10.8	5.5	3.6	5.0	3.8	3.6	24	29.7	
3	4.6	3.3	5.8	5.1	1.6	.2	3.1	2.1	2.4	5.5	5.5	8.2	5.5	16.0	5.3	5.3	6.8	7.0	4.8	6.5	5.8	4.3	1.4	-1.2	24	16.0	
4	4.1	7.0	7.5	4.8	3.6	7.5	8.6	13.6	13.3	9.6	9.6	11.1	7.9	9.6	6.8	4.5	6.5	4.8	13.3	7.5	7.3	7.0	8.2	6.5	24	13.6	
5	5.8	4.8	3.6	2.8	3.3	11.6	15.3	20.1	16.2	15.2	17.9	14.3	7.3	13.3	9.1	8.2	4.8	2.4	1.6	3.3	3.6	4.8	4.3	1.9	24	20.1	
6	1.1	3.1	4.1	3.3	3.6	6.3	9.6	8.9	8.7	4.6	7.5	8.7	5.5	6.3	9.6	7.9	6.1	7.0	7.5	7.0	6.5	5.3	7.3	8.2	24	9.6	
7	14.0	8.6	7.2	5.5	6.8	5.0	7.5	6.8	9.6	11.9	9.1	10.1	8.4	9.1	9.6	10.6	8.9	10.1	7.3	5.8	6.0	10.8	11.3	10.1	24	14.0	
8	8.2	7.0	11.9	8.6	14.3	5.3	11.9	10.9	15.8	19.6	17.7	20.4	21.8	19.4	16.7	23.3	21.8	23.6	16.0	12.1	8.9	6.8	8.4	10.8	24	23.6	
9	11.1	9.4	9.6	8.9	9.1	10.9	13.6	17.9	22.6	18.7	22.8	22.8	26.8	27.0	26.5	28.0	25.8	31.4	24.5	27.0	22.1	24.5	24.7	27.7	24	31.4	
10	23.3	16.7	22.5	19.8	24.3	23.5	23.5	24.8	24.3	25.0	23.6	25.5	24.0	26.0	18.7	21.1	26.3	26.5	27.7	22.3	23.5	25.5	25.0	21.6	24	27.7	
11	25.2	20.8	24.5	25.0	23.5	21.1	22.1	19.4	20.6	17.9	10.1	7.5	5.8	5.8	6.6	7.7	6.3	4.6	4.6	5.6	3.6	3.8	3.6	6.3	24	25.2	
12	6.0	5.3	5.0	8.2	10.1	10.9	7.7	11.4	12.4	15.8	15.5	16.9	14.3	12.4	12.4	14.1	15.3	10.1	14.5	11.6	16.5	15.3	14.5	14.8	24	16.9	
13	12.8	11.6	12.6	14.5	13.1	10.6	15.5	15.0	19.6	18.9	24.5	19.4	20.1	15.3	13.3	10.9	7.7	12.1	19.3	8.6	10.1	15.0	2.1	2.6	24	24.5	
14	5.6	2.8	8.4	6.3	11.1	7.5	6.1	8.6	10.4	AX	AX	.6	.9	.0	2.4	1.2	-.2	4.1	7.0	5.0	4.5	6.1	4.3	2.8	22	11.1	
15	3.1	-2.4	-5.5	.4	3.6	-1.7	-3.4	-.7	.4	.9	1.9	2.4	.7	.4	4.6	3.1	1.7	-.2	-.2	2.6	4.3	3.3	5.8	3.8	24	5.8	
16	3.6	4.3	2.8	3.3	4.1	2.6	6.3	6.5	6.1	4.8	6.1	10.4	6.8	4.5	7.3	5.3	8.9	6.8	7.9	7.5	15.0	11.8	10.4	9.3	24	15.0	
17	11.9	16.4	18.9	16.5	16.7	11.1	11.3	10.1	9.1	7.9	9.1	11.9	7.7	14.1	8.4	10.1	9.4	9.6	7.5	8.9	7.3	10.1	10.3	10.6	24	18.9	
18	9.1	5.8	7.0	6.5	4.5	3.8	9.4	10.4	10.1	12.1	7.7	10.6	AV	AV	AV	AV	AV	1.4	1.9	1.4	3.1	3.1	.9	.2	19	12.1	
19	.9	-1.0	-1.9	1.4	3.3	11.1	7.0	4.8	5.8	5.6	7.9	7.7	13.3	12.9	12.8	10.4	10.8	10.1	8.4	9.1	10.9	7.0	7.7	6.8	24	13.3	
20	7.9	4.5	2.6	2.8	1.6	2.4	4.3	7.9	8.2	9.1	14.3	14.8	13.1	9.4	7.9	5.1	8.9	9.9	9.9	12.8	11.6	11.9	7.8	4.6	24	14.8	
21	7.0	4.1	1.1	.9	3.8	3.3	3.3	5.8	AX	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	8	7.0
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	BC	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	0	
24	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BC	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	AX	BA	BA	BC	3.5	2.0	2.5	7.6	7.4	10.5	5.2	7.6	6.4	8.1	9.0	7.4	12	10.5	
30	AN	7.4	3.2	3.5	3.7	2.5	-.1	-1.3	2.0	BA	BA	BA	6.5	7.9	5.2	8.1	11.8	8.8	8.1	6.4	10.3	19.1	11.2	11.0	20	19.1	
31	AN	12.0	9.3	7.8	9.0	6.2	6.4	6.4	4.0	7.2	5.7	6.9	4.7	5.0	2.5	3.0	3.8	10.3	6.9	7.1	5.0	10.3	6.7	7.2	23	12.0	
NO.:	21	23	23	23	23	23	23	23	22	20	20	21	22	22	22	22	22	23	23	23	23	23	23	23	23		
MAX:	25.7	20.8	24.5	29.7	24.3	23.5	24.3	25.5	24.3	25.0	24.5	25.5	26.8	27.0	26.5	28.0	26.3	31.4	27.7	27.0	31.3	26.5	31.1	28.2			
AVG:	9.58	7.91	8.41	8.51	8.95	8.46	9.90	10.90	11.64	12.48	12.53	12.71	10.40	10.95	9.51	10.16	10.18	10.36	10.33	9.47	9.88	10.67	9.56	8.90			

MONTHLY OBSERVATIONS: 536 MONTHLY MEAN: 10.06 MONTHLY MAX: 31.4

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-123-0001 POC: 3
 COUNTY: (123) Montgomery
 CITY: (10120) Candor
 SITE ADDRESS: 126 PERRY DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 35.2632
 LONGITUDE: -79.836613
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 173
 PROBE HEIGHT: 2

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

REPORT FOR: AUGUST 2015

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	AN	10.7	12.2	15.1	2.5	8.5	10.0	11.0	9.8	7.4	6.4	6.7	7.7	7.2	6.4	3.7	.8	5.7	6.2	3.9	4.2	4.9	6.4	7.7	23	15.1	
2	AN	7.8	7.4	9.7	8.8	6.6	7.9	7.4	6.7	7.4	4.4	3.5	5.7	4.7	7.9	5.0	3.0	3.3	6.2	7.2	6.7	8.8	12.0	10.7	23	12.0	
3	7.4	6.2	11.5	9.0	9.5	8.8	10.5	8.8	11.8	16.4	12.8	8.6	5.7	10.0	9.3	6.2	6.2	8.1	9.5	8.3	8.3	6.2	11.3	15.4	24	16.4	
4	AN	14.0	9.3	14.4	11.0	12.0	10.7	10.0	9.8	12.5	AX	5.7	7.2	6.2	6.5	3.3	7.3	9.3	13.2	13.7	11.7	9.8	11.0	7.2	22	14.4	
5	7.8	6.5	6.7	7.8	7.8	6.4	8.5	14.7	14.0	15.4	8.8	6.0	12.3	10.3	9.1	9.3	8.3	10.0	11.8	8.5	9.3	13.7	13.5	10.7	24	15.4	
6	9.3	12.5	12.9	14.7	12.5	13.4	16.9	14.9	15.2	10.5	12.7	15.4	AV	7.8	6.4	3.5	2.3	3.7	5.2	6.4	8.8	5.9	2.7	2.3	23	16.9	
7	AN	3.0	11.0	9.3	6.4	11.5	AN	5.4	5.2	8.1	7.2	5.9	5.0	9.3	9.3	5.2	5.2	5.4	6.4	5.9	4.0	3.0	3.7	11.2	22	11.5	
8	10.5	13.7	8.1	6.2	8.3	11.5	8.3	12.0	8.1	8.3	5.4	4.5	1.8	1.1	2.7	2.0	1.3	3.7	6.9	8.5	7.4	7.6	11.0	9.0	24	13.7	
9	7.8	11.7	6.4	11.5	9.3	9.5	9.0	7.4	9.3	6.9	5.2	4.0	5.2	3.2	3.0	11.0	6.9	7.8	8.8	6.2	8.1	7.8	5.7	8.1	24	11.7	
10	AN	7.4	6.2	5.2	6.9	4.9	7.4	4.9	2.0	2.7	4.2	4.7	4.5	7.7	11.5	11.3	11.8	12.3	8.3	14.4	8.5	9.5	10.2	8.8	23	14.4	
11	7.6	6.2	5.4	3.5	7.1	11.2	8.8	5.2	4.5	BE	BE	BE	BE	BE	1.6	4.2	5.0	7.5	6.7	7.0	6.5	4.5	1.8	4.7	19	11.2	
12	3.8	2.8	-.2	-3.2	-.5	.8	2.8	5.7	3.3	1.6	1.6	9.8	7.0	4.0	3.1	2.6	7.5	4.5	4.2	9.3	6.5	5.0	6.9	5.7	24	9.8	
13	6.2	5.4	5.7	9.0	7.4	11.3	9.8	10.3	7.4	4.5	7.6	10.1	5.5	1.6	5.5	5.7	5.0	5.3	8.8	13.7	8.4	8.4	8.6	10.8	24	13.7	
14	10.3	8.1	11.8	11.1	9.3	12.0	13.0	14.2	8.9	6.2	7.2	8.4	8.6	6.3	5.0	7.0	7.0	6.3	10.3	11.0	15.7	12.3	11.3	13.5	24	15.7	
15	11.8	10.3	13.5	9.3	7.0	8.6	7.4	11.8	7.5	7.0	11.1	10.1	12.1	9.1	9.6	10.6	9.1	8.9	9.3	13.5	13.5	14.9	16.4	7.7	24	16.4	
16	12.3	10.3	8.8	12.8	11.3	10.1	9.6	18.8	10.1	14.7	10.1	12.3	15.0	12.8	17.2	17.6	14.8	10.3	9.3	14.0	18.8	11.5	15.4	15.2	24	18.8	
17	12.8	17.8	15.2	15.0	14.5	9.1	12.3	12.1	10.8	12.3	16.2	15.0	12.3	15.2	16.4	19.5	13.8	9.8	9.3	12.3	11.1	14.2	15.0	9.1	24	19.5	
18	10.3	11.0	12.3	11.3	9.1	8.1	8.4	7.7	8.6	AZ	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	9	12.3
19	AN	AN	AN	AN	AN	AN	AN	AN	2.3	5.5	4.8	5.7	4.7	6.0	6.7	5.8	3.8	3.0	4.2	4.0	2.3	1.3	3.0	6.4	16	6.7	
20	4.3	-1.5	.1	5.2	4.2	2.6	2.3	4.7	2.8	-.5	.4	1.3	2.6	3.6	5.7	2.3	5.8	3.1	.4	1.6	.1	7.5	5.0	2.5	24	7.5	
21	3.3	1.6	2.3	1.8	1.6	-.8	-2.2	.1	2.6	4.0	.6	.8	5.8	3.1	.6	1.4	1.6	1.6	5.7	6.5	8.3	5.0	3.5	5.0	24	8.3	
22	7.7	8.4	11.3	6.2	8.8	10.0	7.5	8.6	5.2	.0	2.1	10.3	6.5	8.4	7.7	8.8	8.6	8.9	6.5	9.6	8.1	10.5	14.5	7.9	24	14.5	
23	4.0	13.2	17.8	10.1	7.2	9.6	13.5	9.1	9.8	11.5	10.3	10.0	7.7	7.9	7.2	7.7	9.1	8.3	7.7	9.3	16.4	13.0	15.0	9.3	24	17.8	
24	11.5	8.1	12.5	9.1	16.4	8.6	9.6	14.7	13.5	10.1	11.3	10.6	11.0	6.0	8.4	4.7	-.7	5.7	3.8	2.3	1.3	.4	7.4	6.2	24	16.4	
25	7.0	10.5	14.7	8.1	5.0	6.0	8.8	9.1	9.8	6.0	2.3	6.0	6.5	7.9	5.3	9.8	6.7	8.4	10.1	8.0	12.0	7.2	8.6	10.5	24	14.7	
26	8.4	5.5	3.2	6.2	6.2	6.9	8.3	4.5	4.5	8.2	5.7	10.1	9.6	6.0	8.9	12.5	13.0	13.5	16.9	10.5	16.6	14.2	11.0	13.8	24	16.9	
27	15.2	24.7	8.2	14.2	10.8	11.8	18.1	14.5	10.0	7.7	12.5	8.6	13.5	13.3	10.5	9.1	13.3	8.1	12.5	15.0	13.8	12.5	12.8	17.8	24	24.7	
28	14.7	8.8	11.0	9.5	14.4	9.8	11.3	9.6	8.4	7.2	6.7	6.7	5.2	6.7	5.7	8.4	6.3	8.2	9.1	7.9	9.5	8.6	12.5	10.0	24	14.7	
29	11.3	8.8	7.9	8.6	7.7	13.2	12.3	8.9	6.7	6.9	9.6	7.7	8.4	9.1	13.2	10.1	10.1	9.3	10.3	10.5	10.8	11.0	9.5	16.2	24	16.2	
30	13.5	17.4	13.2	14.9	10.3	12.8	8.6	11.8	11.3	8.4	5.7	8.1	9.6	6.0	8.4	7.4	10.5	11.5	9.1	7.2	6.7	4.0	7.4	7.4	24	17.4	
31	6.7	5.7	10.5	10.5	6.0	2.3	.6	-.3	1.1	6.9	7.7	9.1	6.7	7.9	4.5	1.6	1.9	5.5	5.0	1.1	1.3	4.2	2.5	1.8	24	10.5	
NO.:	25	30	30	30	30	29	30	30	31	29	28	29	28	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	15.2	24.7	17.8	15.1	16.4	13.4	18.1	18.8	15.2	16.4	16.2	15.4	15.0	15.2	17.2	19.5	14.8	13.5	16.9	15.0	18.8	14.9	16.4	17.8			
AVG:	9.02	9.22	9.23	9.20	8.23	8.57	8.97	9.25	7.77	7.72	7.16	7.78	7.62	7.19	7.44	7.24	6.84	7.23	8.06	8.58	8.82	8.25	9.19	9.09			

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: 8.24 MONTHLY MAX: 24.7

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-123-0001 POC: 3
 COUNTY: (123) Montgomery
 CITY: (10120) Candor
 SITE ADDRESS: 126 PERRY DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 35.2632
 LONGITUDE: -79.836613
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 173
 PROBE HEIGHT: 2

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

REPORT FOR: SEPTEMBER 2015

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	5.2	6.5	8.4	4.7	5.5	5.5	5.2	9.3	AX	- .5	3.1	4.8	4.8	6.3	6.3	8.6	9.8	12.1	10.5	14.7	11.3	13.8	9.3	23	14.7	
2	11.8	11.8	11.3	7.7	9.6	8.6	11.8	10.5	10.1	13.0	12.1	7.5	9.1	8.1	7.9	9.3	8.8	7.9	11.3	12.0	9.3	10.5	12.1	14.2	24	14.2	
3	13.0	7.5	7.0	6.5	9.6	8.3	3.3	9.3	13.5	9.8	7.2	7.5	7.7	13.5	8.6	15.2	16.0	15.7	18.8	22.2	21.0	18.3	23.2	17.8	24	23.2	
4	18.8	18.3	15.0	16.6	15.9	17.8	15.7	19.5	21.8	19.8	16.9	12.0	14.0	17.4	19.3	15.5	11.8	16.6	12.3	12.3	12.0	16.2	14.5	14.7	24	21.8	
5	12.5	11.5	12.5	18.8	13.2	14.0	19.0	22.7	13.0	8.6	12.1	14.7	13.2	9.1	7.9	8.4	11.5	10.3	8.1	6.7	7.2	6.7	5.7	7.2	24	22.7	
6	4.2	3.3	4.5	3.5	2.5	3.5	2.5	2.8	5.2	4.5	5.0	3.8	4.0	5.0	2.3	2.1	3.8	1.6	2.1	1.3	- .8	.1	.8	-1.5	24	5.2	
7	-2.0	-5.1	-5.3	-2.0	.1	.6	2.3	2.3	1.6	3.8	5.2	5.0	2.8	2.3	2.3	.4	.0	1.4	2.1	1.6	2.1	3.5	-1.2	-3.2	24	5.2	
8	-2.5	-2.7	-1.2	-1.0	1.1	1.3	3.3	4.5	3.5	1.1	2.8	3.1	1.3	2.3	1.1	- .5	-1.9	- .2	.9	1.1	1.6	1.6	.4	- .8	24	4.5	
9	3.5	2.6	.1	1.8	3.0	2.8	2.8	5.5	4.0	2.1	6.5	5.0	4.3	3.3	1.6	.2	3.8	11.5	8.6	5.7	14.0	8.6	4.7	2.3	24	14.0	
10	3.3	3.8	1.3	.1	1.8	4.5	4.7	4.5	3.3	3.8	2.6	- .7	2.1	2.8	3.0	4.5	6.0	8.6	11.3	6.7	2.3	-1.0	- .5	3.5	24	11.3	
11	3.0	.6	5.5	2.6	- .8	.4	2.5	4.7	5.5	4.0	2.8	2.8	2.3	1.6	2.1	2.1	3.0	6.0	7.0	5.0	3.3	- .8	3.0	2.8	24	7.0	
12	1.3	1.6	5.5	3.7	1.6	.8	7.7	5.5	8.1	7.4	9.3	7.2	3.7	4.0	4.5	4.7	7.2	7.2	4.0	8.3	6.0	4.7	3.3	5.7	24	9.3	
13	4.2	.8	1.8	2.5	1.5	2.0	1.3	3.0	1.5	3.0	1.1	3.3	3.0	- .8	-2.2	-1.5	-2.7	-2.2	- .3	2.7	3.7	2.0	2.5	1.5	24	4.2	
14	2.3	3.0	1.3	- .2	2.5	2.3	1.5	2.5	2.5	3.0	2.1	1.3	.8	AV	4.0	2.5	2.5	2.0	1.8	.6	1.5	1.3	1.1	1.3	23	4.0	
15	3.7	2.3	5.2	5.7	4.4	7.9	10.8	8.2	AX	BA	BA	BA	BA	.0	.8	1.6	5.5	2.5	6.9	10.2	8.6	6.7	4.2	13.7	19	13.7	
16	11.8	9.5	7.7	4.4	5.0	7.4	5.7	7.2	5.2	3.5	7.2	3.8	2.6	4.2	4.5	6.5	21.7	23.7	25.9	22.9	8.8	8.4	11.7	9.1	24	25.9	
17	8.4	8.1	6.9	9.1	10.8	13.5	12.5	8.4	10.8	8.6	4.0	1.8	3.3	4.7	5.0	6.7	4.2	7.0	11.8	7.4	4.0	3.3	2.8	2.3	24	13.5	
18	4.9	3.5	3.3	6.2	8.4	12.5	10.8	9.1	11.0	6.2	5.5	5.2	3.3	4.0	3.8	4.2	4.3	2.3	5.7	7.9	6.9	6.2	5.2	9.1	24	12.5	
19	6.5	6.7	6.2	6.2	10.3	14.9	8.9	6.2	4.0	3.5	2.3	.4	- .5	-1.5	- .5	.6	2.6	1.6	.8	2.8	2.0	- .3	-1.3	.8	24	14.9	
20	14.5	8.4	11.0	6.9	7.9	8.1	7.2	5.0	6.5	7.9	6.2	6.2	6.0	6.2	5.2	11.5	8.9	7.7	6.2	6.9	8.1	6.5	4.5	1.8	24	14.5	
21	3.8	5.0	5.2	4.5	3.7	6.7	6.2	3.5	4.5	7.7	5.9	10.0	8.8	7.0	10.8	9.1	11.5	9.3	7.2	5.7	3.0	3.7	6.4	4.4	24	11.5	
22	5.2	7.2	8.6	9.3	4.9	1.8	6.4	6.5	7.0	6.0	3.5	2.1	3.8	4.5	10.3	7.4	6.5	7.7	7.4	9.5	4.5	2.1	2.3	3.5	24	10.3	
23	5.0	5.4	5.2	5.7	5.4	4.4	4.2	9.5	8.8	6.5	4.0	2.1	5.5	8.3	5.7	5.2	3.3	1.3	3.5	4.2	3.2	7.2	5.5	5.0	24	9.5	
24	5.7	5.7	3.2	1.8	4.7	4.4	3.0	7.2	5.4	5.2	4.5	2.5	3.3	3.7	5.0	4.7	2.0	.6	3.5	2.8	3.0	2.5	1.1	- .1	24	7.2	
25	1.1	1.3	- .1	- .1	- .1	- .3	-1.8	-2.5	-3.7	-4.1	.0	.6	.0	.0	-3.2	-2.2	-1.2	-1.7	-2.0	-2.8	- .8	- .5	.6	.8	24	1.3	
26	-1.5	-2.3	.5	- .8	-2.3	-2.0	-1.3	.8	-2.3	-5.1	-2.0	2.1	.6	-1.7	-1.5	-1.0	-1.3	- .3	-1.0	-1.8	-2.8	-4.6	-1.3	1.1	24	2.1	
27	-1.0	-2.8	-2.3	-3.4	-2.7	-1.3	-3.2	-1.8	- .5	-2.7	-2.2	-1.7	-1.0	.0	-1.2	.6	1.3	- .5	- .3	.4	.8	1.6	2.1	2.3	24	2.3	
28	.1	- .3	.8	1.1	4.3	5.0	3.7	3.8	2.6	.6	.8	6.2	5.2	5.0	4.7	3.5	6.0	4.5	1.6	- .3	-1.2	- .7	-2.0	-3.2	24	6.2	
29	.4	.4	-1.0	-3.2	-3.9	-3.7	-3.9	-2.7	1.6	1.7	AX	-5.1	-5.1	-4.8	-3.2	-3.6	-2.9	-4.3	-3.0	2.3	- .5	-4.1	-3.7	- .5	23	2.3	
30	3.0	.0	.4	.4	1.8	2.1	2.6	4.3	1.3	2.3	6.2	3.3	- .2	.0	-1.2	-1.0	-1.2	-2.0	-1.0	2.3	2.1	.6	-3.0	-4.1	24	6.2	
31																										0	
NO.:	30	30	30	30	30	30	30	30	29	28	28	29	29	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	18.8	18.3	15.0	18.8	15.9	17.8	19.0	22.7	21.8	19.8	16.9	14.7	14.0	17.4	19.3	15.5	21.7	23.7	25.9	22.9	21.0	18.3	23.2	17.8			
AVG:	4.98	4.01	4.22	4.09	4.30	5.13	5.19	5.84	5.69	4.70	4.68	3.97	3.75	3.90	3.79	4.10	4.99	5.19	5.78	5.90	4.92	4.05	3.95	4.03			

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: 4.63 MONTHLY MAX: 25.9

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-123-0001 POC: 3
 COUNTY: (123) Montgomery
 CITY: (10120) Candor
 SITE ADDRESS: 126 PERRY DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 35.2632
 LONGITUDE: -79.836613
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 173
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS

REPORT FOR: OCTOBER 2015

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 Environmental Quality

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	1.3	.1	-1.3	-2.5	-3.0	.0	.6	1.3	2.3	4.2	3.3	1.1	1.1	.8	.6	4.0	2.5	.1	.8	.8	.6	2.3	.8	-.8	24	4.2	
2	-1.3	-3.4	-2.2	-1.3	-3.7	-4.4	-4.2	-1.0	-1.9	-2.2	-.3	.6	.4	-1.5	-1.9	-3.2	-1.5	1.8	1.1	-.5	.3	.1	2.8	1.8	24	2.8	
3	1.1	.1	2.3	.8	-.8	1.6	3.5	3.5	.8	-1.0	-.8	-1.5	-.3	.1	-1.5	-3.0	-2.0	2.3	3.5	-.8	-4.9	-2.5	.0	-1.8	24	3.5	
4	.4	.6	-2.7	-2.7	-1.8	-2.0	-2.9	-.1	1.3	-1.5	-2.7	-2.7	-3.4	-1.2	-1.5	-2.2	-1.7	-1.0	-2.7	-5.1	-2.0	.3	-2.7	-4.6	24	1.3	
5	-1.5	-.8	-2.9	-2.2	.6	.4	1.5	3.3	1.8	1.3	3.2	7.2	5.4	3.2	2.5	1.8	-.3	1.8	4.5	3.0	2.5	2.5	3.7	3.0	24	7.2	
6	4.7	3.0	3.0	4.4	6.7	4.2	3.2	3.2	4.4	6.4	5.7	4.9	4.2	2.8	5.2	4.5	3.8	5.5	3.5	1.6	8.4	9.4	8.9	5.9	24	9.4	
7	4.2	6.9	6.0	4.5	4.2	6.7	7.7	7.2	4.7	2.8	2.1	2.5	1.3	3.5	2.5	3.8	2.8	1.8	2.5	1.5	3.0	5.5	10.0	10.8	24	10.8	
8	8.4	6.5	4.7	4.2	3.7	4.0	5.9	6.5	5.0	5.5	7.4	5.5	3.7	5.2	6.2	4.2	6.2	7.4	5.0	6.0	10.2	9.3	9.3	7.4	24	10.2	
9	5.0	9.5	8.8	8.4	10.0	11.3	14.0	9.8	6.2	6.7	8.1	5.2	3.5	4.5	3.3	10.5	9.8	6.5	8.6	6.0	6.5	6.5	5.7	8.8	24	14.0	
10	8.4	10.5	10.3	13.2	10.8	15.4	3.2	3.0	2.0	3.5	4.5	5.7	4.2	3.7	6.2	6.0	5.2	5.5	2.8	2.5	3.3	1.3	.0	2.8	24	15.4	
11	2.8	3.0	2.6	1.6	4.5	5.4	3.8	5.2	5.0	3.5	1.1	-.3	1.1	-.3	.0	1.1	1.3	2.1	3.7	3.3	3.0	3.8	7.9	9.4	24	9.4	
12	5.5	3.5	3.0	7.7	5.7	5.2	6.7	4.9	5.0	6.0	5.7	6.2	4.5	.9	5.2	7.0	6.0	6.0	9.1	7.7	6.7	6.7	7.4	8.2	24	9.1	
13	6.5	5.5	3.7	3.8	3.3	1.8	5.2	7.9	7.2	4.9	AX	8.4	7.9	8.4	7.7	8.6	6.7	8.3	6.4	8.6	10.5	8.8	9.5	7.9	23	10.5	
14	10.0	9.6	11.8	9.9	10.8	7.9	8.2	13.0	7.2	7.2	7.4	4.7	2.8	4.2	6.2	5.2	3.3	4.5	5.2	7.7	7.4	4.9	4.0	5.4	24	13.0	
15	5.7	6.0	4.2	7.9	6.0	4.7	6.7	4.7	3.7	3.3	1.3	1.8	.8	-.5	1.3	5.0	3.5	18.3	63.2	38.9	54.4	88.8	78.3	39.2	24	88.8	
16	31.1	23.2	20.3	16.2	11.3	12.8	20.8	25.4	10.1	6.7	5.2	5.2	3.5	4.5	6.2	4.2	4.7	4.5	4.7	8.1	6.7	7.9	6.9	5.4	24	31.1	
17	6.4	4.2	5.4	6.2	4.0	4.9	6.9	6.9	4.9	3.7	2.5	1.1	1.3	2.1	.6	1.3	2.8	1.1	6.7	8.4	9.6	4.7	7.2	5.2	24	9.6	
18	3.7	2.8	2.3	2.8	4.9	5.4	6.4	5.2	4.2	4.2	4.5	1.3	-.1	4.7	3.0	.8	3.0	6.9	4.2	4.5	4.0	3.7	5.7	6.4	24	6.9	
19	5.2	7.2	7.7	6.7	6.2	4.7	3.7	4.7	5.4	4.5	5.7	4.0	3.5	3.3	3.7	3.0	4.7	7.7	5.7	9.1	13.5	21.5	14.9	5.7	24	21.5	
20	5.7	6.7	6.9	5.7	5.7	10.1	9.6	9.6	14.7	8.1	10.0	7.7	4.5	3.8	4.7	8.4	7.7	6.7	5.0	9.1	7.6	4.5	6.5	8.7	24	14.7	
21	10.8	7.9	7.2	15.7	11.3	12.0	8.7	7.2	6.9	9.1	9.1	9.1	6.2	5.2	3.1	1.9	4.3	6.2	9.3	9.1	8.7	7.0	10.8	10.8	24	15.7	
22	8.6	9.6	10.1	14.7	13.5	17.4	9.2	11.1	11.0	12.3	9.6	11.3	10.6	8.4	6.0	6.0	5.0	6.2	7.0	11.1	6.9	6.2	9.8	9.9	24	17.4	
23	13.5	10.8	13.8	9.9	11.8	9.9	14.5	11.1	6.7	7.0	9.3	14.7	7.0	13.0	7.9	6.7	6.0	6.0	10.5	13.2	18.1	15.7	14.2	14.0	24	18.1	
24	14.7	21.3	15.4	16.9	18.6	16.9	11.8	8.7	5.7	6.5	6.2	7.0	6.2	6.7	7.2	9.3	10.6	14.0	9.8	14.7	9.8	11.8	11.0	8.4	24	21.3	
25	7.4	10.0	10.3	8.9	9.6	9.8	7.7	14.5	8.9	8.6	7.7	8.1	7.9	11.0	10.6	11.3	9.3	10.8	10.8	9.3	10.3	9.8	8.1	4.7	24	14.5	
26	7.7	7.4	5.7	5.7	4.5	6.2	5.8	6.0	5.5	3.0	4.7	4.5	3.0	1.6	1.3	1.1	4.0	3.3	3.1	5.2	5.5	4.3	4.5	6.0	24	7.7	
27	5.7	7.2	7.7	7.7	3.0	4.3	3.8	4.5	3.3	AX	-5.1	-3.9	2.0	2.5	-.3	-1.3	-2.0	-2.7	-2.0	-2.9	-2.5	-.1	-3.0	-5.1	23	7.7	
28	-5.1	-5.1	-5.1	-3.7	-3.7	-5.1	-2.5	-1.0	-2.2	-2.2	-1.5	2.1	.6	-3.0	-1.5	2.3	2.1	.0	-2.0	-1.2	-.3	-.3	-.8	-1.5	24	2.3	
29	1.1	3.3	2.3	2.8	2.7	3.0	5.4	6.9	7.2	6.2	5.2	8.1	6.0	4.7	6.7	8.6	7.8	7.6	7.6	7.2	9.1	6.7	6.4	8.1	24	9.1	
30	7.7	4.4	5.5	9.3	9.8	12.5	12.0	8.4	8.4	5.7	3.3	3.3	2.6	9.3	5.9	4.0	3.3	2.5	5.7	5.2	3.7	5.0	5.7	4.4	24	12.5	
31	7.4	11.0	6.7	6.4	8.6	5.7	8.8	9.8	10.6	7.9	5.2	8.4	7.7	8.3	5.9	6.7	7.2	8.1	7.4	9.3	8.8	7.9	10.8	9.5	24	11.0	
NO.:	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	31.1	23.2	20.3	16.9	18.6	17.4	20.8	25.4	14.7	12.3	10.0	14.7	10.6	13.0	10.6	11.3	10.6	18.3	63.2	38.9	54.4	88.8	78.3	39.2			
AVG:	6.22	6.21	5.60	6.12	5.77	6.22	6.31	6.82	5.35	4.73	4.25	4.56	3.54	3.87	3.65	4.12	4.07	5.15	6.80	6.47	7.40	8.52	8.53	6.58			

MONTHLY OBSERVATIONS: 742 MONTHLY MEAN: 5.70 MONTHLY MAX: 88.8

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-123-0001 POC: 3
 COUNTY: (123) Montgomery
 CITY: (10120) Candor
 SITE ADDRESS: 126 PERRY DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 35.2632
 LONGITUDE: -79.836613
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 173
 PROBE HEIGHT: 2

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

REPORT FOR: NOVEMBER 2015

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	8.1	11.0	10.8	9.1	11.2	12.0	9.3	9.3	16.9	15.7	13.2	9.3	9.0	8.1	9.0	5.7	3.5	4.5	6.2	5.2	9.3	6.4	6.4	6.2	24	16.9	
2	3.7	1.6	-.3	-1.0	-1.3	-.8	2.0	-.3	-4.9	-3.9	-4.1	-3.9	-3.4	-3.9	-1.0	-2.5	-3.9	-5.1	-3.9	-2.3	-3.7	-4.2	-5.1	-5.1	24	3.7	
3	-3.2	-1.8	-.6	.6	2.8	1.0	-.6	-.8	-1.5	3.5	4.2	.8	.3	4.5	2.5	-.3	1.1	1.3	2.5	7.4	7.2	6.9	7.2	8.6	24	8.6	
4	5.7	2.7	6.0	6.7	4.9	4.0	4.2	5.0	6.2	6.9	7.1	7.9	7.2	10.0	10.5	9.6	7.2	8.1	7.9	11.2	12.5	11.0	18.5	17.1	24	18.5	
5	15.6	17.6	17.8	19.8	16.4	17.6	17.3	17.1	22.7	13.7	19.0	12.5	8.6	5.2	5.0	7.2	6.2	3.2	6.0	7.7	5.7	5.7	6.7	8.3	24	22.7	
6	7.8	7.2	4.5	11.5	7.7	5.5	3.7	6.0	6.5	7.9	6.4	6.0	5.0	1.1	1.1	1.8	7.2	5.4	3.5	5.0	4.0	5.2	3.8	3.8	24	11.5	
7	5.7	5.2	5.7	5.2	5.5	4.0	.8	.1	2.8	14.7	4.5	.1	-3.2	-2.0	-2.0	2.5	2.3	1.1	-.3	-3.9	1.8	3.2	2.0	1.0	24	14.7	
8	1.8	1.1	3.7	2.8	1.5	2.5	4.2	5.4	5.2	4.7	4.4	3.7	5.4	6.4	4.2	5.9	5.9	5.9	5.9	5.2	5.9	6.4	4.7	3.7	24	6.4	
9	5.4	5.4	5.2	3.7	3.0	3.7	4.7	3.0	.6	-1.2	-.1	-2.0	-1.7	-1.0	-.1	-.8	-1.9	-1.2	-.5	1.8	.1	-1.7	-2.0	-.3	24	5.4	
10	2.5	1.6	-.5	-1.5	-1.2	-.1	-.7	-1.0	1.5	1.3	AX	AX	AX	AX	2.3	-1.0	-1.5	1.5	3.0	4.5	3.2	6.7	6.7	3.0	20	6.7	
11	1.0	.8	2.0	3.5	2.8	3.5	4.0	2.0	1.1	4.9	3.3	.4	3.7	3.3	1.1	1.8	4.0	4.7	5.2	5.0	3.7	4.5	7.4	6.9	24	7.4	
12	7.6	7.9	8.6	7.7	8.6	8.6	6.4	12.7	12.5	7.7	5.2	4.0	6.2	3.7	3.5	4.7	4.0	3.5	5.7	4.7	2.0	2.5	6.7	5.2	24	12.7	
13	30.4	3.7	3.7	6.4	6.9	5.2	5.4	4.9	2.5	.8	1.8	1.1	2.8	3.3	.8	.6	.6	3.7	3.7	2.0	1.3	2.7	3.5	5.7	24	30.4	
14	4.4	3.5	4.7	4.5	4.7	3.0	1.3	3.2	1.8	1.8	2.3	.8	-.3	1.8	3.0	3.5	3.0	1.3	3.7	3.5	5.7	6.2	5.9	8.4	24	8.4	
15	7.4	8.4	10.6	7.9	4.5	4.2	4.7	7.4	8.6	5.4	2.3	.8	1.8	.8	2.8	7.3	5.7	4.0	4.4	5.2	5.4	5.0	6.9	4.9	24	10.6	
16	2.0	4.4	16.8	15.9	13.4	11.7	18.3	12.5	11.7	10.5	7.4	5.7	4.5	4.7	3.5	5.9	8.3	6.7	4.7	4.2	2.7	7.9	7.4	7.9	24	18.3	
17	10.5	8.3	7.1	8.8	10.5	11.7	7.1	9.3	8.8	9.8	8.1	AZ	7.3	7.4	5.7	8.8	13.2	8.8	11.5	10.3	11.7	11.2	10.3	11.3	23	13.2	
18	9.5	5.7	5.7	5.2	7.8	6.5	7.4	6.9	6.2	4.7	2.3	3.0	4.7	3.7	.8	.2	2.6	3.5	.1	-2.2	3.8	2.3	-1.0	-1.5	24	9.5	
19	-2.7	-5.1	-4.4	-4.1	-4.1	-3.5	-5.1	-3.9	-3.2	-4.6	-1.7	-1.5	-3.0	.0	.0	.2	.9	.4	.4	2.3	3.8	3.0	3.3	3.0	24	3.8	
20	1.6	.6	2.8	3.3	6.7	4.7	4.0	3.8	5.2	4.5	1.3	-.8	-1.2	-.9	3.8	2.9	1.1	1.3	3.7	4.7	4.9	4.7	4.7	5.7	24	6.7	
21	4.0	2.0	2.8	8.6	5.0	2.0	4.0	7.2	7.2	6.0	4.2	5.0	3.5	2.0	1.3	2.1	2.0	2.8	5.7	5.7	4.9	5.0	6.7	9.8	24	9.8	
22	6.2	3.5	5.2	4.7	6.5	7.8	7.4	9.5	7.4	7.2	4.0	1.8	3.5	2.6	4.5	3.3	4.2	3.0	6.2	7.4	5.4	4.5	5.0	8.6	24	9.5	
23	6.7	9.5	6.9	4.2	3.5	5.9	5.4	5.0	4.7	5.7	5.0	5.2	4.0	3.5	4.0	4.0	3.5	4.0	7.4	10.3	5.7	1.5	4.2	3.0	24	10.3	
24	.8	1.5	5.2	6.2	6.2	8.1	17.1	10.8	7.6	9.8	6.2	4.0	2.8	.1	4.0	2.5	-.3	4.4	4.5	5.7	3.7	1.5	7.4	8.6	24	17.1	
25	6.7	8.3	7.9	8.2	6.7	5.9	8.3	10.2	6.4	3.5	4.7	2.8	1.1	2.8	3.7	4.7	5.0	3.2	4.9	7.8	5.2	4.7	4.2	7.7	24	10.2	
26	6.9	5.2	7.4	7.8	5.9	10.3	9.0	10.5	9.3	8.8	5.4	3.1	3.8	3.1	.9	2.4	11.1	5.9	16.7	8.1	9.8	11.0	9.1	8.1	24	16.7	
27	10.5	6.2	4.0	5.0	7.6	3.7	3.5	6.5	7.4	8.6	4.5	1.6	1.4	.9	.2	4.3	.7	-1.8	4.7	10.0	5.4	.6	2.5	2.0	24	10.5	
28	2.3	4.2	2.1	-.5	1.1	5.2	4.2	23.9	21.7	14.0	7.1	5.5	4.0	2.8	5.3	4.6	6.0	6.8	4.2	6.2	6.4	5.5	4.7	5.2	24	23.9	
29	4.0	23.7	6.9	5.2	6.7	6.5	7.4	6.0	8.1	11.5	9.3	8.9	10.6	11.3	8.4	4.5	6.0	5.5	5.2	5.7	6.9	9.0	10.0	7.4	24	23.7	
30	9.1	7.9	6.5	12.8	10.0	7.6	4.2	2.8	2.1	.1	-1.0	-2.0	1.1	2.0	-1.7	-1.7	-1.0	-.5	1.3	4.5	3.3	1.8	4.0	3.0	24	12.8	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	30	29	28	29	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	30.4	23.7	17.8	19.8	16.4	17.6	18.3	23.9	22.7	15.7	19.0	12.5	10.6	11.3	10.5	9.6	13.2	8.8	16.7	11.2	12.5	11.2	18.5	17.1			
AVG:	6.07	5.39	5.49	5.94	5.72	5.60	5.63	6.50	6.44	6.13	4.70	2.99	3.09	3.01	2.90	3.16	3.56	3.20	4.47	5.10	4.92	4.69	5.39	5.57			

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 4.83 MONTHLY MAX: 30.4

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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-123-0001 POC: 3
 COUNTY: (123) Montgomery
 CITY: (10120) Candor
 SITE ADDRESS: 126 PERRY DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 35.2632
 LONGITUDE: -79.836613
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 173
 PROBE HEIGHT: 2

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

REPORT FOR: DECEMBER 2015

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	8.8	6.7	1.3	5.0	6.2	7.8	5.0	4.0	4.7	3.7	AV	AV	.3	6.7	4.9	2.0	3.5	4.0	2.5	2.5	.0	-2.0	-1.2	22	8.8
2	-1.3	.1	5.0	4.0	1.6	1.0	1.6	2.8	5.0	4.5	2.9	AX	.3	.3	2.1	1.8	1.3	-.3	.3	-.1	-.5	.1	-1.2	1.1	23	5.0
3	3.3	4.7	1.8	2.5	1.1	5.7	5.4	2.5	1.6	3.8	5.5	3.7	4.9	3.5	.8	1.8	4.4	3.0	4.9	4.4	5.4	6.4	5.2	4.2	24	6.4
4	4.4	5.2	4.7	4.9	4.9	6.7	8.3	7.1	6.2	4.2	2.5	2.3	4.2	5.2	3.2	1.6	4.9	5.2	6.2	4.7	3.5	6.2	5.7	5.9	24	8.3
5	7.9	6.2	7.4	8.8	13.5	12.2	11.0	12.7	12.2	10.0	9.3	8.1	9.0	10.5	9.0	6.5	4.7	7.2	5.9	6.4	12.7	9.5	8.8	13.7	24	13.7
6	12.7	11.2	13.2	13.0	12.7	17.6	12.7	14.9	14.9	12.5	7.2	7.4	5.7	4.5	5.0	3.0	7.4	5.5	7.6	7.8	7.6	8.8	5.0	7.8	24	17.6
7	6.9	11.5	11.8	7.8	8.1	13.7	9.8	10.0	8.4	6.9	16.9	10.0	6.5	5.0	5.5	3.8	5.0	10.8	10.0	10.5	8.4	5.7	9.0	10.0	24	16.9
8	11.0	11.3	9.3	8.8	10.2	10.8	11.3	9.8	6.2	6.0	5.0	3.6	5.3	4.5	3.1	4.3	7.9	8.6	5.7	5.7	11.0	6.7	6.2	8.1	24	11.3
9	7.8	7.8	8.1	7.4	7.4	12.5	9.8	10.8	8.1	6.9	5.7	5.0	4.2	2.3	1.1	4.8	5.5	6.9	8.1	6.4	7.2	5.2	4.0	6.9	24	12.5
10	9.3	6.9	6.7	11.8	14.2	16.4	12.7	12.5	10.5	14.2	11.0	13.5	15.5	15.8	14.5	12.3	14.0	15.9	10.5	14.9	10.8	13.5	15.4	14.0	24	16.4
11	12.7	12.8	15.2	14.2	9.1	16.6	16.4	13.7	17.4	13.5	16.6	14.5	10.6	10.8	11.1	7.7	7.2	7.9	9.5	8.3	7.8	13.7	8.6	4.9	24	17.4
12	11.5	13.0	11.5	10.8	10.3	11.0	8.8	6.7	9.1	7.8	9.1	9.9	7.2	7.5	7.4	8.2	11.1	12.8	11.1	10.5	8.4	7.4	6.9	6.2	24	13.0
13	7.4	6.2	8.8	7.8	6.7	9.1	8.3	7.8	9.8	9.1	10.5	7.4	6.5	4.6	4.5	6.2	4.1	7.4	8.3	4.2	5.2	3.5	3.3	4.2	24	10.5
14	6.2	4.7	1.8	-.8	-2.0	-1.0	-.3	.1	-.8	-.5	1.2	3.8	.7	-3.2	-1.9	1.2	.2	-.9	-3.2	-3.9	-1.7	-1.5	.6	-.8	24	6.2
15	-1.5	1.1	3.0	1.8	-.5	1.5	3.7	4.2	2.1	2.3	3.5	AX	-2.2	-1.2	1.2	3.6	5.3	5.0	5.2	5.7	3.0	1.5	4.2	4.0	23	5.7
16	4.7	9.3	7.2	5.2	7.2	4.7	3.3	9.5	6.0	6.9	4.9	2.3	1.1	7.0	5.3	2.1	3.8	5.2	4.7	2.5	8.1	5.4	4.0	5.2	24	9.5
17	9.3	6.2	8.1	7.2	6.7	6.9	5.9	5.5	8.8	5.4	2.5	2.5	2.3	-.5	.6	2.3	1.8	1.8	2.1	.8	2.3	6.2	6.9	7.9	24	9.3
18	8.6	6.5	5.7	5.0	3.3	3.7	3.3	2.0	7.2	8.1	4.7	3.8	5.7	1.8	-1.0	.4	3.0	2.1	6.0	4.5	5.2	4.0	6.2	6.9	24	8.6
19	4.7	6.9	5.9	5.2	4.0	5.0	7.9	5.4	4.0	5.5	4.7	5.5	1.8	-.1	2.1	4.0	4.0	4.7	5.2	3.0	3.0	4.0	3.5	6.2	24	7.9
20	8.2	9.3	8.8	6.4	7.2	4.9	4.4	4.9	3.0	3.3	3.5	1.3	-.1	1.8	2.3	1.8	2.1	2.3	5.0	5.7	3.0	3.0	3.0	3.3	24	9.3
21	2.3	.6	.8	2.7	4.7	4.2	2.8	4.7	6.9	7.7	BA	BA	3.7	4.7	2.8	2.0	3.0	4.2	1.8	3.3	4.2	5.2	7.9	10.0	22	10.0
22	15.7	13.5	9.8	7.6	8.6	7.6	3.5	4.2	1.6	-1.0	-.5	-.8	-.3	-.5	-2.0	1.1	2.8	-.3	-.3	4.5	5.9	6.9	4.0	1.3	24	15.7
23	-.5	-.8	-.8	-3.0	-2.2	-1.8	-3.2	-2.5	-1.7	-.8	.3	-1.5	-1.2	1.6	2.1	1.9	.0	.6	1.8	.1	-1.2	-1.2	-2.0	1.1	24	2.1
24	.0	-.8	.8	-.5	.4	4.0	3.3	2.8	4.0	7.1	7.6	5.8	6.7	7.0	9.4	11.6	6.5	6.0	7.9	5.5	10.1	7.9	6.2	4.2	24	11.6
25	8.1	6.7	2.8	3.5	2.8	1.5	2.0	4.0	3.3	3.5	8.6	6.9	4.7	4.3	5.7	6.9	11.1	7.2	2.3	2.5	1.6	1.3	2.3	2.1	24	11.1
26	2.1	1.8	2.8	1.8	1.8	5.7	4.7	6.7	4.8	1.8	5.8	3.6	.7	5.7	6.7	6.0	6.2	5.7	4.1	3.6	2.8	2.8	6.3	6.5	24	6.7
27	3.5	1.3	2.6	1.3	.3	4.0	2.8	.0	-.8	.1	1.3	2.3	1.4	.7	.4	.9	1.9	1.6	2.1	2.3	1.1	1.6	1.5	1.3	24	4.0
28	1.6	1.5	3.5	8.1	5.2	2.3	2.8	1.1	1.1	3.5	2.3	1.8	3.1	3.8	4.5	2.6	1.6	.8	-.8	-.8	.1	1.8	2.3	-1.5	24	8.1
29	-4.4	-2.5	-.8	-.8	.3	.1	.0	.1	-.8	3.8	3.8	AX	-3.2	-1.7	-1.9	-2.4	.7	2.4	.7	-.3	.1	.8	-.1	-1.8	23	3.8
30	-3.9	-3.0	.4	1.3	.3	.0	3.0	3.0	1.3	2.0	2.8	3.5	3.0	3.0	1.3	-.1	.6	-1.7	-1.7	-.3	-.5	-1.8	-2.8	-.5	24	3.5
31	.6	.3	1.3	5.0	3.2	3.0	4.0	2.0	-.1	1.3	.3	.4	-1.0	-3.2	-.3	-3.7	-3.7	.1	-1.0	1.3	1.6	.8	3.0	6.5	24	6.5
NO.:	31	31	31	31	31	31	31	31	31	31	30	26	30	31	31	31	31	31	31	31	31	31	31	31	31	
MAX:	15.7	13.5	15.2	14.2	14.2	17.6	16.4	14.9	17.4	14.2	16.9	14.5	15.5	15.8	14.5	12.3	14.0	15.9	11.1	14.9	12.7	13.7	15.4	14.0		
AVG:	5.23	5.43	5.61	5.16	5.04	6.32	5.74	5.61	5.27	5.29	5.44	4.87	3.56	3.41	3.59	3.52	4.21	4.55	4.32	4.07	4.47	4.37	4.25	4.76		

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: 4.75 MONTHLY 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.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2015

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			6.1 6					10.2				
2		4.1				3.5	15.1				5.2	3.1
3	5.2			7.7 6	6.5				8.5	SA		
4			3.9 6		5.6			5.2				
5		6.0 V				3.6	9.0				4.5	7.6
6	AJ			4.4	AV				4.9	SA		
7			6.2 6					5.0				
8		4.7				4.5	9.6			7.2	5.3	6.5
9	7.2			3.6	6.3				5.4	AN		
10			3.0 6					4.7				
11		AN				4.5	15.9				3.8	10.4
12	3.0			5.0	9.5				7.3	AN		
13		3.6	AI		9.3			6.8				
14		7.2 V				10.1	11.1				AM	2.2
15	3.8			4.0	6.0				AJ	5.8		
16			AI					7.4				
17		7.3				10.3	5.7				6.1	5.2
18	5.5			2.6	5.5				5.1	3.2		
19			8.2 6					4.3				
20		6.6 6				9.1	10.7				4.3	4.5
21	12.7 V			4.8	10.0				7.0	4.0		
22			7.2 6					8.1				
23		9.2 6				8.6	7.0				4.2	2.7
24	1.9 V			6.0	7.0				2.5	5.2		
25			5.2 6					8.2				
26		5.7 6				10.3	5.6				2.7	AV
27	6.8			AV	4.8				1.4 V	2.0		
28			5.6 6					7.6				
29						7.1	3.8				8.0	AV
30	4.7			4.1	3.5				6.1	7.7		
31			8.6 6					3.4				
NO.:	9	9	9	9	11	10	10	11	9	7	9	8
MAX:	12.7	9.2	8.6	7.7	10.0	10.3	15.9	10.2	8.5	7.7	8.0	10.4
MEAN:	5.64	6.04	6.00	4.69	6.73	7.16	9.35	6.45	5.36	5.01	4.90	5.28
ANNUAL OBSERVATIONS:		111		ANNUAL MEAN:	6.14	ANNUAL MAX:	15.9					

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
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(88101) PM2.5 - Local Conditions

SITE ID: 37-147-0006 POC: 1
 COUNTY: (147) Pitt STATE: (37) North Carolina
 CITY: (00000) Not in a city AQCR: (168) NORTHERN COASTAL PLAIN
 SITE ADDRESS: 403 Government Circle URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 SITE COMMENTS: Site relocated in 2016 on same property ~325 m NNW of original lat/long of 35.6386 LAND USE: RESIDENTIAL
 MONITOR COMMENTS: LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 35.6412760009
 LONGITUDE: -77.360126
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 7
 PROBE HEIGHT: 2

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

REPORT FOR: 2015

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					AJ				
2		3.5				6.6	16.0				4.6	4.2
3	4.8			6.1	6.6				8.6	SA		
4			7.5					5.8				
5		6.1 V				3.2	10.1				6.7	8.7
6	4.3			4.5	5.6				AJ	SA		
7			6.2					6.2				
8		7.4 V				5.7	13.6				4.9	8.3
9	5.9			6.1	6.4				6.3	8.0		
10			5.3 V					6.8		6.9		
11		9.4				7.2	10.1				4.0	12.7
12	4.0			5.7	13.5				8.4	5.4		
13			4.7					7.6	4.4	10.8		
14		7.7 V				10.9	8.1				3.7	3.0
15	11.5			2.8	7.1				7.3	AJ		
16			5.0					8.6				
17		7.2 V				10.3	6.1				10.7	4.0
18	5.8			5.0	8.3				6.5	3.7		
19			7.3					6.1				
20		8.6 V				8.6	11.8				4.9	5.0
21	11.6			5.8	6.5				7.1	8.3		
22			7.2					8.4				
23		14.8				14.7	9.3				4.7	2.3
24	2.0			8.6	6.9				3.5	5.0		
25			5.7					11.0				
26		7.9				10.7	7.9				4.0	3.8
27	8.2			5.2	5.4				6.0	2.9		
28			4.7					8.9				
29						7.2	5.5				10.4	5.4
30	5.0			AJ	4.6				4.6	7.6		
31			6.0					8.9				
NO.:	10	9	11	9	10	10	10	10	10	9	10	10
MAX:	11.6	14.8	7.5	8.6	13.5	14.7	16.0	11.0	8.6	10.8	10.7	12.7
MEAN:	6.31	8.07	6.09	5.53	7.09	8.51	9.85	7.83	6.27	6.51	5.86	5.74
ANNUAL OBSERVATIONS:		118		ANNUAL MEAN:	6.97	ANNUAL MAX:	16.0					

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2015

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			13.2					AS				
2		4.0				5.6	AN				AQ	4.5
3	12.0			4.2	8.7				15.1	SA		
4			5.1					AN				
5		6.3	4.0			4.5	AS				8.0	10.7
6	7.1			4.5	7.9				6.6	SA		
7			13.4					AS				
8		9.6				9.7	BJ				4.5	12.4
9	8.0			8.0 V	5.7				6.0	10.0		
10			8.7					AS		6.4		
11		9.5				7.4	AS				5.4	12.0
12	13.7			7.0	AJ				7.9	7.1		
13			4.2					6.5				
14		7.1				10.0	AS				6.4	2.7
15	20.4			2.3	12.2		AS		11.6	4.6		
16			4.7					8.7				
17		14.0				7.9	AS				13.5	7.2
18	7.4			4.9	10.9				12.9	6.1		
19			9.5					3.9				
20		10.5 V				8.5	AS				4.7	10.7
21	10.2 V			4.9	9.8				7.6	9.2		
22			12.1 V					BJ				
23		10.0				AS	AS				8.6	3.0
24	4.4			4.1	8.3				8.4	12.3		
25			9.9					10.3				
26		AV				AN	AS				8.5	9.0
27	4.8			4.9	4.8				2.4	3.1		
28			4.4					13.1				
29						AN	AS				13.6	3.2
30	5.2			7.4	5.5				3.8	6.7		
31			6.0					5.8				
NO.:	10	8	12	10	9	7	0	6	10	9	9	10
MAX:	20.4	14.0	13.4	8.0	12.2	10.0		13.1	15.1	12.3	13.6	12.4
MEAN:	9.32	8.88	7.93	5.22	8.20	7.66		8.05	8.23	7.28	8.13	7.54
ANNUAL OBSERVATIONS:		100		ANNUAL MEAN:	7.84	ANNUAL MAX:	20.4					

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2015

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			13.7									
2							AS				3.2	4.3
3							AS		BJ	SA		
4								AS				
5		6.8				5.0	AS					
6	7.0			6.6	9.0				5.9			
7			13.3					AS				
8											4.1	12.1
9									5.8	9.9		
10								AS				
11		10.0				6.1	AS					
12	12.4 V			9.9	AJ					6.6		
13			5.3								6.3	3.3
14									10.1	4.8		
15								AN				
16												
17		12.7				5.9	AS					
18	7.1			AW	11.3							
19			9.7									
20											4.1	9.8
21									7.2	9.6		
22									11.0			
23		10.1				AS	AS					
24	3.8			5.0	8.9							
25			10.3						11.2			
26											8.2	11.8
27									2.7	2.9		
28									11.6			
29						AS	AS					
30	5.7			9.4	5.8							
31			6.1						5.4			
NO.:	5	4	6	4	4	3	0	4	5	5	5	5
MAX:	12.4	12.7	13.7	9.9	11.3	6.1		11.6	10.1	9.9	8.2	12.1
MEAN:	7.20	9.90	9.73	7.73	8.75	5.67		9.80	6.34	6.76	5.18	8.26
ANNUAL OBSERVATIONS:		50		ANNUAL MEAN:	7.78	ANNUAL MAX:	13.7					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-159-0021 POC: 3
 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 Environmental Quality
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2015

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												AT	AT	5.2	8.3	7.8	3.4	7.8	11.3	14.7	19.8	11.3	7.3	11.5	11	19.8		
22	8.6	8.8	12.7	10.8	9.8	13.5	13.0	16.5	17.2	17.8	19.5	14.3	9.3	7.6	6.6	8.8	6.3	8.3	9.5	12.2	12.2	16.8	20.5	10.0	24	20.5		
23	10.8	8.5	7.1	6.8	4.4	8.0	9.8	14.1	9.5	11.3	13.9	10.5	13.2	12.7	11.3	10.8	10.5	8.8	6.6	5.6	4.9	2.4	1.3	1.7	24	14.1		
24	1.0	.0	.0	.0	.0	.0	3.6	4.6	6.6	7.3	4.4	5.1	3.4	.3	1.4	2.1	4.6	5.4	16.5	12.0	11.0	9.3	5.6	9.3	24	16.5		
25	7.6	16.5	11.7	20.9	16.5	10.5	15.8	18.5	5.4	6.6	4.6	2.4	5.1	6.1	3.4	4.4	2.6	1.4	4.6	5.6	8.8	7.3	8.1	6.1	24	20.9		
26	5.6	7.3	8.8	7.8	8.8	13.9	10.0	10.5	13.2	10.8	6.8	9.8	10.0	6.1	4.6	2.9	5.4	6.3	7.6	6.8	2.6	2.4	6.6	7.1	24	13.9		
27	5.1	4.4	4.4	6.6	6.1	7.1	6.6	9.5	9.0	8.6	7.1	7.0	8.8	7.3	7.3	3.9	3.4	8.1	10.3	7.3	6.1	7.0	6.6	4.9	24	10.3		
28	3.6	5.8	4.9	5.4	10.1	9.8	9.3	10.5	12.0	10.8	7.8	7.1	6.8	6.1	5.6	3.9	3.4	3.4	6.4	7.3	11.5	23.4	23.6	28.1	24	28.1		
29	32.0	25.4	21.0	29.3	23.4	28.8	22.6	27.6	26.4	10.1	AX	AX	10.8	6.6	4.6	5.8	5.1	4.6	6.8	13.2	10.8	16.3	11.5	17.5	22	32.0		
30	16.0	17.7	24.7	20.7	12.0	11.3	6.1	1.6	1.9	6.8	6.4	4.1	1.4	.7	2.1	2.7	4.6	4.2	7.1	6.3	6.6	4.9	6.4	4.9	24	24.7		
31	2.9	7.3	14.4	12.7	10.5	9.3	8.3	14.1	14.8	10.8	6.1	6.1	6.3	4.1	4.9	10.1	6.3	2.6	8.8	24.4	57.8	31.5	31.3	35.6	24	57.8		
NO.:	10	10	10	10	10	10	10	10	10	10	9	9	10	11	11	11	11	11	11	11	11	11	11	11	11			
MAX:	32.0	25.4	24.7	29.3	23.4	28.8	22.6	27.6	26.4	17.8	19.5	14.3	13.2	12.7	11.3	10.8	10.5	8.8	16.5	24.4	57.8	31.5	31.3	35.6				
AVG:	9.32	10.17	10.97	12.10	10.16	11.22	10.51	12.75	11.60	10.09	8.51	7.38	7.51	5.71	5.46	5.75	5.05	5.54	8.68	10.49	13.83	12.05	11.71	12.43				

MONTHLY OBSERVATIONS: 249 MONTHLY MEAN: 9.52 MONTHLY MAX: 57.8

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-159-0021 POC: 3
 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 Environmental Quality
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2015

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	23.9	21.9	22.7	21.4	21.2	19.2	19.3	18.8	16.3	19.7	7.6	10.3	6.8	6.8	7.3	4.1	3.6	4.4	3.6	3.9	4.6	6.3	4.6	1.9	24	23.9								
2	1.4	5.8	4.4	3.1	6.1	.9	.0	.0	1.7	3.9	3.1	4.6	2.4	.0	2.9	3.9	8.1	10.5	9.1	10.5	9.5	8.3	8.1	9.5	24	10.5								
3	8.8	6.9	8.8	8.8	6.6	10.0	11.0	11.0	12.2	8.1	9.3	8.0	7.8	8.6	5.1	4.6	6.6	11.5	11.9	10.5	8.3	16.5	21.7	38.8	24	38.8								
4	33.4	17.0	12.5	13.4	12.0	18.0	16.3	20.2	19.0	12.2	14.6	AZ	AZ	AZ	4.6	2.7	4.9	5.4	6.6	8.1	7.6	7.3	9.8	10.5	21	33.4								
5	12.7	12.7	14.6	14.6	12.2	12.0	11.0	12.7	9.8	8.0	8.1	3.9	2.2	2.4	3.1	3.4	6.1	5.1	4.6	4.6	4.6	6.6	6.1	5.6	24	14.6								
6	9.1	8.3	8.8	7.6	8.3	7.3	9.0	21.9	17.5	10.3	6.6	7.8	7.6	4.6	6.3	8.6	8.6	8.8	8.6	13.2	11.5	13.2	11.7	14.1	24	21.9								
7	13.7	22.2	20.0	20.5	35.2	35.7	21.9	28.1	19.5	12.0	19.5	11.3	11.0	12.4	12.6	10.5	10.5	9.3	10.3	13.2	17.3	20.0	16.6	13.9	24	35.7								
8	18.3	15.8	14.1	11.8	13.2	13.5	16.5	12.5	12.2	12.2	7.1	6.1	5.4	6	3.1	6	3.4	6	2.4	6	.9	6	3.9	4.6	8.3	10.5	15.5	22.2	14.8	24	22.2			
9	14.1	12.5	9.5	6.8	7.1	10.5	11.7	13.2	11.0	13.0	12.9	11.0	8.0	10.2	10.3	13.6	7.8	11.0	8.6	9.3	7.1	9.6	15.3	12.0	24	15.3								
10	8.6	11.5	7.8	8.6	9.1	9.3	6.4	6.3	5.4	5.4	6.9	12.5	8.6	8.1	6.8	6.3	10.3	8.1	AJ	AJ	AJ	AJ	AJ	AJ	AJ	18	12.5							
11	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0								
12	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AX	AX	AX	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0								
13	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0								
14	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0								
15	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0								
16	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	7.3	6.6	14.8	25.4	14.6	17.3	10.0	16.8	18.3	14.3	10	25.4								
17	15.3	17.0	13.0	14.2	12.7	15.6	15.3	15.3	14.8	11.8	13.0	14.6	9.3	11.3	11.5	12.3	16.5	16.8	18.3	18.0	28.1	25.4	23.2	27.6	24	28.1								
18	38.4	30.1	25.4	11.5	16.3	12.5	18.8	19.8	18.5	19.5	17.0	19.3	16.8	13.9	12.2	9.1	10.0	11.8	9.5	8.4	8.1	8.1	8.6	8.6	24	38.4								
19	6.6	9.3	9.8	8.1	12.5	9.3	6	11.1	6	10.8	6	10.1	10.3	9.6	6.8	7.8	9.6	10.1	10.3	10.3	10.5	9.6	10.8	11.8	13.0	11.3	11.5	24	13.0					
20	15.6	22.0	6	22.4	6	14.5	6	15.8	6	20.3	6	15.9	6	16.4	6	13.0	6	10.5	10.6	8.8	10.1	12.3	8.8	12.0	9.1	14.1	10.3	12.8	22.4	16.8	22.5	18.1	24	22.5
21	16.1	18.8	18.8	15.6	13.7	13.7	17.6	10.3	12.0	13.7	14.3	11.8	10.3	20.3	41.2	35.7	26.7	20.0	15.1	20.8	25.9	26.7	27.2	29.3	24	41.2								
22	27.4	29.1	27.9	27.0	30.1	30.1	24.2	29.3	32.0	28.1	34.9	29.3	29.8	22.4	19.2	16.8	16.6	20.0	20.0	14.6	22.5	20.0	17.8	20.3	24	34.9								
23	25.4	22.7	24.2	11.3	9.3	9.3	6.9	9.1	12.3	13.2	9.6	12.8	12.5	10.8	14.1	11.8	12.0	13.7	18.1	12.2	13.9	9.8	8.3	13.7	24	25.4								
24	11.5	11.8	10.5	17.1	15.1	17.3	20.2	12.7	17.5	15.6	14.4	17.0	10.3	13.7	13.7	9.8	7.8	15.3	16.3	13.7	18.5	11.8	15.3	18.1	24	20.2								
25	24.2	25.4	19.3	20.7	22.4	21.2	24.4	29.1	28.6	21.5	18.0	10.0	19.0	14.1	11.3	11.5	18.8	11.0	17.3	15.1	13.0	12.5	8.3	8.1	24	29.1								
26	5.2	AV	7.1	8.3	7.9	7.6	9.3	7.8	AV	AV	AV	AV	6.1	10.5	16.3	14.6	14.3	20.0	16.8	30.0	35.0	28.6	22.0	23.2	19	35.0								
27	23.6	21.9	31.7	32.0	27.9	25.9	30.5	37.9	35.2	28.8	24.4	25.2	16.1	21.0	20.2	19.0	18.5	18.8	22.4	20.0	25.4	26.2	18.8	19.5	24	37.9								
28	13.5	13.0	11.8	13.0	10.8	13.0	12.0	15.1	16.6	17.3	19.0	19.7	19.5	16.0	17.5	17.5	16.0	17.3	18.0	18.0	21.5	21.9	19.3	20.5	24	21.9								
29																										0								
30																										0								
31																										0								
NO.:	22	21	22	22	22	22	22	22	21	21	21	20	21	21	23	23	23	23	22	22	22	22	22	22	22									
MAX:	38.4	30.1	31.7	32.0	35.2	35.7	30.5	37.9	35.2	28.8	34.9	29.3	29.8	22.4	41.2	35.7	26.7	25.4	22.4	30.0	35.0	28.6	27.2	38.8										
AVG:	16.67	16.94	15.69	14.09	14.80	15.10	14.97	16.29	15.96	14.05	13.36	12.54	10.83	11.05	11.56	10.74	11.25	12.73	12.46	13.33	15.32	15.50	15.32	16.09										

MONTHLY OBSERVATIONS: 524 MONTHLY MEAN: 14.02 MONTHLY MAX: 41.2

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-159-0021 POC: 3
 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 Environmental Quality
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2015

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	10.6	11.7	14.0	16.3	12.8	10.3	10.3	12.0	9.3	6.8	7.1	4.4	6.4	4.6	4.4	4.1	2.7	2.4	5.6	10.1	12.7	10.0	9.6	11.0	24	16.3	
2	12.7	17.0	13.2	12.5	13.7	12.2	10.5	13.0	13.0	9.0	8.1	9.8	13.6	16.3	AV	10.8	14.6	13.8	16.3	13.1	17.8	13.6	11.8	12.2	23	17.8	
3	13.6	11.2	15.6	13.4	8.8	8.0	13.1	14.6	12.0	16.0	13.1	12.8	10.3	8.6	10.3	8.1	9.8	7.3	12.7	10.0	8.8	10.8	9.3	9.0	24	16.0	
4	8.0	10.0	13.6	16.8	12.9	9.8	4.9	1.9	13.6	8.8	12.4	7.3	3.9	3.2	8.6	6.8	4.9	3.6	9.5	7.8	5.9	6.3	3.9	3.9	24	16.8	
5	6.6	6.3	10.8	6.8	3.4	8.3	8.5	6.1	4.9	3.9	7.8	6.1	4.1	2.6	3.4	5.8	7.6	8.3	5.6	8.8	8.1	8.5	8.8	10.5	24	10.8	
6	7.6	3.6	5.8	12.2	13.4	10.6	9.5	8.3	7.1	13.6	10.0	9.1	6.6	12.2	8.3	8.8	16.0	12.4	11.7	14.6	15.3	8.8	10.3	18.5	24	18.5	
7	15.8	11.5	10.8	10.0	9.1	7.8	10.5	9.1	8.8	9.4	AX	BA	BA	BA	11.3	8.1	6.8	12.7	15.3	15.8	9.8	10.0	11.3	10.5	20	15.8	
8	9.8	9.3	6.4	7.8	11.8	14.1	12.9	13.9	13.1	14.8	13.1	16.8	16.5	13.8	15.3	11.7	12.9	12.6	10.5	8.6	10.8	15.0	13.1	11.3	24	16.8	
9	17.5	13.4	17.8	14.4	22.2	23.9	14.1	18.0	17.5	20.0	23.9	18.8	20.2	22.1	8.3	8.0	13.6	13.8	12.4	17.3	14.8	16.5	16.0	18.3	24	23.9	
10	16.0	12.5	14.5	8.0	4.9	8.3	8.6	8.1	10.3	12.0	10.3	12.9	12.1	11.3	6.3	3.9	2.7	-8	2.7	8.0	6.1	5.8	5.6	6.4	24	16.0	
11	6.1	6.1	8.3	6.1	6.4	5.6	3.1	4.4	4.2	6.3	5.4	6.1	6.1	5.8	8.0	9.3	9.3	8.3	9.5	12.0	17.3	17.7	12.5	12.2	24	17.7	
12	13.7	11.0	12.0	13.9	13.7	13.2	10.8	10.3	11.3	10.5	9.5	6.3	9.1	6.8	4.6	4.1	8.6	15.1	16.0	20.0	29.3	24.4	15.3	13.0	24	29.3	
13	8.8	9.3	13.7	9.6	8.6	9.1	12.9	12.5	11.3	16.8	5.6	4.7	11.0	10.8	6.8	8.1	10.3	23.4	4.9	10.3	11.8	11.3	11.3	8.6	24	23.4	
14	13.6	12.5	12.9	10.0	7.4	6.6	5.1	2.4	3.7	6.9	4.1	7.3	8.1	9.0	9.8	5.6	7.8	10.3	7.6	9.1	8.6	4.4	-1.7	-2.4	24	13.6	
15	1.4	2.1	1.9	4.9	4.1	4.9	9.3	5.6	3.9	4.4	4.4	2.2	.5	1.4	2.6	4.4	4.4	5.4	5.3	5.2	4.9	4.4	2.6	3.6	24	9.3	
16	3.4	4.6	6.1	8.6	6.9	4.1	6.1	6.8	5.1	4.6	7.1	6.3	7.6	6.6	4.6	4.1	3.9	5.9	9.3	8.8	10.3	8.6	8.8	5.9	24	10.3	
17	6.8	9.8	10.8	10.6	15.1	9.8	7.3	10.3	9.8	11.3	12.9	10.8	5.3	3.9	4.6	4.4	5.8	5.1	6.3	10.5	10.0	9.3	10.3	13.6	24	15.1	
18	10.5	10.7	6.6	5.6	7.8	6.1	4.1	15.3	14.3	11.0	16.0	9.5	7.0	6.1	4.4	4.4	7.8	7.1	6.3	8.3	9.8	12.6	9.0	10.8	24	16.0	
19	9.5	12.2	12.2	9.5	6.1	5.9	7.1	5.3	4.9	7.5	7.6	6.6	5.1	5.1	4.4	5.1	5.1	2.1	2.9	5.4	3.6	3.4	3.6	2.4	24	12.2	
20	2.4	2.1	1.9	3.4	3.4	3.4	5.8	6.8	6.6	8.1	5.6	6.3	7.3	12.6	10.5	8.3	7.3	7.3	7.8	5.4	7.3	8.3	6.3	8.8	24	12.6	
21	7.8	5.6	5.9	5.6	7.8	7.5	11.9	9.8	7.6	6.3	8.3	6.8	7.6	6.3	5.9	6.1	4.4	8.6	8.8	11.7	8.3	8.3	22.6	8.5	24	22.6	
22	9.3	9.8	7.3	6.1	10.3	7.8	12.4	8.5	5.4	5.8	4.1	2.1	9.8	7.8	5.8	9.3	43.9	8.0	5.6	6.8	6.3	6.8	7.1	8.0	24	43.9	
23	7.3	7.8	6.6	9.3	6.8	7.3	5.3	4.9	4.9	4.6	4.1	5.1	6.3	5.1	4.4	4.4	5.1	7.1	18.0	8.3	9.8	7.3	9.3	6.3	24	18.0	
24	4.6	6.5	4.6	6.1	8.3	7.1	5.1	5.6	6.3	5.8	3.6	1.9	2.9	5.4	3.8	4.4	5.3	3.4	8.3	12.8	12.9	13.6	14.3	11.5	24	14.3	
25	16.2	13.2	13.6	15.5	13.2	13.7	13.8	15.0	11.7	10.3	6.6	7.8	12.2	7.3	2.6	.9	11.7	9.3	5.6	5.6	10.8	10.0	7.1	9.0	24	16.2	
26	8.3	4.8	6.6	8.0	6.1	3.4	6.6	6.3	7.1	6.8	5.8	5.8	4.6	3.8	5.4	4.4	3.1	4.4	6.8	5.1	6.6	8.3	8.0	6.8	24	8.3	
27	7.3	9.3	8.0	6.3	8.0	8.8	6.8	7.5	5.6	9.5	7.8	8.8	7.0	8.5	6.1	8.3	8.3	9.8	9.3	7.8	9.7	12.0	11.2	10.0	24	12.0	
28	14.2	13.9	12.9	12.0	12.0	14.4	10.5	7.6	9.5	5.8	4.1	6.3	5.8	5.1	2.9	2.6	3.8	2.4	2.4	6.8	13.2	10.0	11.0	11.3	24	14.4	
29	10.8	8.5	7.1	11.5	12.7	11.7	11.7	15.5	14.8	13.1	11.7	11.0	12.6	10.0	13.1	11.0	14.1	10.8	16.7	24.2	18.5	14.3	14.3	11.5	24	24.2	
30	12.7	15.3	15.1	13.7	10.5	16.8	16.7	16.7	11.9	12.4	10.7	10.0	10.8	11.9	11.5	15.8	7.3	6.1	14.1	8.8	11.0	6.8	8.0	7.1	24	16.8	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	30	29	29	29	29	29	30	30	30	30	30	30	30	30	30			
MAX:	17.5	17.0	17.8	16.8	22.2	23.9	16.7	18.0	17.5	20.0	23.9	18.8	20.2	22.1	15.3	15.8	43.9	23.4	18.0	24.2	29.3	24.4	22.6	18.5			
AVG:	9.76	9.39	9.89	9.82	9.61	9.35	9.18	9.40	8.98	9.40	8.65	7.92	8.29	8.07	6.83	6.70	8.96	8.20	9.13	10.23	11.00	10.24	9.69	9.27			

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 9.09 MONTHLY MAX: 43.9

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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-159-0021 POC: 3
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 Environmental Quality

MONITOR TYPE: Multiple Monitor Types

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2015

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	5.4	4.3	5.1	12.0	8.5	8.0	10.0	7.8	BA	BA	BA	9.3	4.9	.7	3.9	3.4	3.9	8.8	8.8	9.7	6.8	9.0	8.0	6.6	21	12.0		
2	10.7	10.8	7.8	14.1	13.9	13.2	19.7	10.8	11.7	9.0	7.3	9.6	7.8	7.1	9.8	9.5	8.3	11.0	13.1	10.5	13.8	12.7	17.3	20.7	24	20.7		
3	23.6	25.6	27.2	22.2	17.5	21.9	20.7	20.4	12.2	12.4	12.4	9.8	11.9	7.3	7.8	9.8	8.8	9.5	11.0	8.5	13.6	15.3	10.0	11.2	24	27.2		
4	12.0	14.0	16.3	15.7	12.0	20.2	19.5	20.7	15.0	20.5	AZ	AZ	14.1	12.1	12.1	11.3	11.7	16.8	11.9	18.0	18.5	19.0	18.0	13.8	22	20.7		
5	13.3	12.7	10.5	14.3	13.4	10.5	11.5	10.7	8.5	10.8	9.5	9.5	9.2	8.3	12.9	10.0	13.3	10.7	11.2	14.0	17.0	17.5	16.3	10.2	24	17.5		
6	15.8	11.0	11.7	8.8	11.7	12.7	14.1	9.8	12.9	10.0	16.3	13.1	11.6	13.8	8.8	8.8	9.8	14.8	13.3	12.0	19.5	10.3	16.5	13.1	24	19.5		
7	15.5	14.3	15.0	13.4	16.7	20.2	17.2	14.6	10.0	6.3	9.5	11.9	10.5	11.9	14.8	13.6	18.5	16.0	15.3	16.8	19.0	15.1	16.8	13.6	24	20.2		
8	13.6	20.2	13.8	13.6	19.0	18.3	16.5	13.8	10.5	BA	BA	BA	11.3	16.8	9.3	10.3	13.6	11.8	11.3	8.5	9.8	10.8	21.7	18.3	21	21.7		
9	21.2	14.6	11.5	6.6	6.1	10.5	8.1	10.5	13.8	12.6	11.3	8.3	10.3	8.1	9.0	13.8	9.5	12.1	10.3	9.5	9.0	9.1	7.8	7.3	24	21.2		
10	7.3	6.9	9.1	8.5	10.5	14.3	10.5	7.1	14.8	11.5	9.5	8.3	8.8	6.8	7.1	5.4	9.3	7.3	9.1	8.6	10.3	7.8	6.6	8.3	24	14.8		
11	5.6	4.9	3.9	9.1	9.1	7.8	9.3	16.0	11.0	9.3	11.5	10.0	7.9	6.3	13.1	19.2	5.6	13.1	16.3	22.6	12.8	12.9	9.0	12.2	24	22.6		
12	14.3	12.2	10.3	12.5	12.2	12.7	12.0	14.3	15.6	19.0	21.4	26.0	23.1	16.8	14.8	8.6	11.7	12.8	16.5	19.5	13.6	8.5	6.8	7.3	24	26.0		
13	9.0	7.3	4.4	4.4	6.8	7.3	8.8	7.5	7.5	5.6	6.3	5.6	5.6	4.1	AX	AX	DL	DL	DL	DL	DL	DL	DL	DL	DL	14	9.0	
14	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
15	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
16	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
17	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
18	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
19	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
20	DL	DL	DL	DL	DL	DL	DL	DL	DL	BA	7.3	8.0	10.2	5.6	8.3	7.8	7.1	11.0	13.3	16.0	11.5	11.5	15.8	7.8	14	16.0		
21	14.3	9.8	11.7	12.2	16.5	15.3	16.7	19.2	24.6	19.5	24.6	22.6	22.4	10.8	11.0	9.2	9.0	9.0	11.9	8.5	18.0	24.1	8.3	8.0	24	24.6		
22	5.3	6.8	6.3	6.8	5.3	6.1	9.3	6.8	9.8	12.2	8.0	4.9	8.0	6.3	7.3	9.0	6.1	6.1	8.3	8.5	8.8	12.2	10.3	23.9	24	23.9		
23	14.5	13.9	17.0	22.7	16.5	11.0	17.3	7.8	7.1	9.6	8.6	6.5	7.5	6.3	12.1	10.3	8.8	9.0	7.8	11.0	17.8	11.5	18.8	19.7	24	22.7		
24	10.5	15.0	14.3	15.8	8.8	16.0	26.4	11.5	9.3	6.8	7.8	7.3	12.6	9.7	14.5	12.1	9.1	9.7	7.0	9.3	12.9	19.7	16.5	14.1	24	26.4		
25	14.1	9.5	8.0	7.6	7.5	7.6	12.2	14.8	11.0	9.0	11.0	10.0	7.5	10.3	12.1	12.2	10.0	9.8	10.8	12.0	10.0	9.3	15.3	12.8	24	15.3		
26	12.2	6.8	6.8	11.2	12.0	7.5	20.0	9.7	11.3	10.8	8.8	8.5	5.1	3.4	5.8	3.9	8.5	11.7	10.3	7.6	9.3	10.0	7.3	10.8	24	20.0		
27	6.1	4.1	4.9	4.1	5.4	7.1	6.3	3.6	3.1	8.5	8.4	7.0	5.6	4.9	4.3	3.1	3.1	7.3	5.1	5.1	16.0	5.8	13.6	8.3	24	16.0		
28	5.3	8.3	5.6	11.5	10.3	10.7	10.5	12.6	10.5	11.5	13.6	19.2	16.0	13.6	11.3	12.4	12.6	8.5	17.3	14.3	10.7	9.8	15.8	11.3	24	19.2		
29	12.0	11.5	13.3	11.7	9.8	16.5	9.0	10.8	8.8	11.9	13.1	8.0	11.3	8.5	9.0	8.0	7.3	12.1	22.4	16.5	12.9	15.5	6.8	11.7	24	22.4		
30	17.2	11.2	11.7	11.0	11.5	9.8	10.3	8.6	7.3	7.3	7.1	5.9	5.2	4.4	3.6	4.4	5.4	9.3	11.2	8.0	14.8	12.6	10.5	7.8	24	17.2		
31	5.8	19.0	6.6	12.2	20.4	18.7	10.5	12.0	11.5	8.3	14.1	11.9	10.3	6.8	6.8	7.1	8.8	6.6	10.3	18.5	12.2	8.0	8.8	9.0	24	20.4		
NO.:	24	24	24	24	24	24	24	24	23	22	22	23	25	25	24	24	24	24	24	24	24	24	24	24	24			
MAX:	23.6	25.6	27.2	22.7	20.4	21.9	26.4	20.7	24.6	20.5	24.6	26.0	23.1	16.8	14.8	19.2	18.5	16.8	22.4	22.6	19.5	24.1	21.7	23.9				
AVG:	11.86	11.45	10.53	11.75	11.73	12.66	13.60	11.73	11.21	11.02	11.25	10.49	10.35	8.43	9.56	9.30	9.16	10.62	11.83	12.23	13.28	12.42	12.61	11.99				

MONTHLY OBSERVATIONS: 572 MONTHLY MEAN: 11.29 MONTHLY MAX: 27.2

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-159-0021 POC: 3
 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 Environmental Quality

MONITOR TYPE: Multiple Monitor Types

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2015

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	7.1	11.3	11.5	11.7	13.1	11.3	10.5	10.8	8.8	7.8	7.6	8.3	11.2	8.8	6.1	7.3	12.6	7.8	9.8	8.3	5.9	6.8	5.1	2.9	24	13.1		
2	3.9	6.8	5.1	4.4	7.6	12.5	10.2	8.3	9.5	6.6	5.6	3.6	6.8	9.8	7.1	4.3	4.6	4.6	7.3	4.4	7.8	6.1	7.3	6.6	24	12.5		
3	8.5	5.3	7.6	4.4	3.8	5.6	4.6	4.8	2.9	2.9	3.1	4.9	9.0	8.0	9.0	8.3	11.9	7.3	8.3	8.3	8.5	5.3	3.8	4.1	24	11.9		
4	2.6	3.3	5.4	4.1	-3	9	2.9	6.3	9.0	6.3	2.3	2.1	2.4	4.1	9.8	7.8	8.0	4.6	12.6	7.5	4.6	5.1	8.3	7.8	24	12.6		
5	6.8	6.3	5.6	5.1	4.6	2.9	2.4	4.3	6.1	4.9	3.4	4.6	4.4	1.6	8.1	11.6	9.8	6.3	7.0	8.3	12.5	13.3	10.8	12.2	24	13.3		
6	11.5	9.5	13.1	12.9	10.7	10.0	9.5	6.8	10.5	9.3	9.8	12.4	14.5	15.8	13.8	18.5	14.8	13.6	19.5	19.2	27.6	24.9	18.7	13.8	24	27.6		
7	11.7	12.6	15.0	19.2	16.0	18.7	13.6	15.0	13.1	11.7	13.6	11.2	11.0	10.5	9.8	9.3	12.1	11.3	11.0	14.8	11.5	14.8	9.1	8.8	24	19.2		
8	17.7	13.8	8.8	11.7	12.2	9.0	8.8	15.8	12.0	12.1	8.5	8.6	11.7	12.6	12.6	16.0	10.3	10.0	17.8	12.2	10.3	9.1	6.8	21.0	24	21.0		
9	5.1	4.6	6.1	5.4	4.6	4.6	5.6	3.6	9.3	9.3	7.0	15.3	4.7	6.6	9.3	5.8	8.5	10.0	9.3	11.7	14.6	9.5	13.1	12.2	24	15.3		
10	9.3	6.1	3.4	2.9	7.8	8.3	14.3	11.7	20.5	22.9	21.2	19.5	20.0	15.0	20.9	17.2	12.1	18.2	18.2	14.8	16.3	16.5	15.5	19.7	24	22.9		
11	15.0	10.5	15.0	13.3	22.2	14.1	16.5	AX	BA	BA	3.5	7.3	5.6	4.9	4.9	BA	BA	7.3	5.1	6.3	10.5	8.0	8.1	5.8	19	22.2		
12	4.4	5.1	4.1	7.3	12.8	12.6	11.3	11.0	7.8	8.8	10.3	5.6	11.6	9.5	11.0	17.8	9.5	11.5	8.8	9.8	12.9	16.8	15.3	9.0	24	17.8		
13	10.3	5.4	5.8	9.3	9.0	11.0	12.6	13.1	8.3	11.9	9.8	6.4	15.3	3.1	5.4	4.1	7.6	10.0	7.3	10.3	12.6	10.0	12.9	14.5	24	15.3		
14	15.8	17.5	8.6	12.4	13.6	13.1	14.3	13.6	12.1	19.5	19.5	17.8	16.3	15.3	12.1	13.8	19.0	15.5	16.5	18.2	22.6	16.8	21.4	17.8	24	22.6		
15	19.0	18.8	14.0	13.8	15.0	10.7	16.3	15.3	17.3	15.5	7.3	13.9	13.6	9.3	12.6	10.8	14.0	16.5	14.5	17.0	13.3	17.5	11.0	18.8	24	19.0		
16	15.8	17.5	13.3	14.6	13.8	17.0	13.6	20.0	18.3	17.2	16.3	17.0	20.7	17.0	22.4	23.9	21.9	19.2	11.0	18.8	19.5	17.5	17.5	13.3	24	23.9		
17	13.8	9.3	9.5	12.0	7.1	4.8	10.5	7.3	4.9	4.9	8.8	11.5	10.5	9.1	10.3	15.5	6.6	16.5	12.9	15.5	12.4	8.8	12.0	11.7	24	16.5		
18	11.9	12.4	14.5	15.0	13.8	18.0	14.6	15.5	17.8	23.4	19.2	20.0	22.9	18.5	18.0	11.3	16.7	15.8	15.8	20.5	14.8	13.3	14.5	12.6	24	23.4		
19	10.8	10.0	13.1	10.0	10.8	13.6	16.8	10.5	11.7	8.3	16.5	8.8	20.0	9.8	15.3	17.5	8.5	5.6	6.3	7.8	9.5	10.2	11.0	9.0	24	20.0		
20	7.6	14.3	13.6	9.8	18.0	20.0	17.8	18.5	13.6	21.9	11.2	6.8	15.8	9.3	7.8	11.0	AV	4.6	10.0	10.0	13.6	15.8	16.0	17.2	23	21.9		
21	10.7	14.1	17.0	17.7	15.0	11.2	9.0	9.5	9.3	8.8	7.8	9.3	7.1	2.4	6.1	5.3	8.6	9.3	6.5	15.5	15.5	6.6	7.3	13.6	24	17.7		
22	8.3	9.3	10.7	12.4	10.5	7.0	7.3	9.8	9.1	8.8	9.5	9.5	9.3	8.5	8.5	11.7	10.3	11.7	17.3	15.7	13.6	14.3	19.5	11.5	24	19.5		
23	12.9	14.5	9.7	13.8	12.2	12.2	15.8	15.1	10.5	12.1	24.9	26.1	24.2	27.8	26.1	24.4	24.6	30.3	36.4	34.2	30.3	35.4	25.8	AN	23	36.4		
24	31.7	28.6	27.3	27.3	26.9	30.5	25.4	22.9	17.8	17.3	18.1	15.9	19.0	14.3	19.5	15.5	18.0	14.3	14.8	16.3	22.4	22.7	19.2	51.0	24	51.0		
25	15.8	18.0	18.8	19.7	14.1	12.2	23.6	BA	BA	11.7	11.5	11.9	16.0	14.1	15.5	9.0	19.7	17.8	18.3	20.2	17.7	19.7	22.1	28.3	22	28.3		
26	24.2	15.5	18.5	16.3	19.5	18.5	21.7	13.1	22.4	20.0	20.2	23.6	23.6	21.4	24.1	20.7	22.1	26.8	20.0	22.6	15.0	18.8	14.0	17.0	24	26.8		
27	9.3	10.5	9.8	9.8	8.6	7.8	12.6	10.2	9.5	20.0	14.3	16.7	18.3	18.0	15.8	17.0	12.6	12.4	9.5	9.3	6.8	6.6	8.8	8.5	24	20.0		
28	6.6	9.3	12.0	11.0	7.6	6.5	5.6	3.4	7.8	8.8	5.4	5.6	4.6	3.4	2.6	6.8	8.0	6.1	8.5	6.3	6.8	7.3	7.8	30.5	24	30.5		
29	10.0	8.8	10.3	8.0	6.3	11.0	10.5	10.0	13.1	11.9	9.8	6.3	9.5	5.6	5.1	9.3	6.6	9.0	10.8	9.3	7.3	8.8	11.3	11.0	24	13.1		
30	13.1	8.1	7.3	10.5	12.5	21.7	8.8	16.0	13.1	13.8	12.4	11.4	7.8	4.7	5.8	8.1	12.4	16.5	14.3	10.5	18.3	15.0	18.8	13.3	24	21.7		
31																												0
NO.:	30	30	30	30	30	30	30	28	28	29	30	30	30	30	29	28	30	30	30	30	30	30	30	29				
MAX:	31.7	28.6	27.3	27.3	26.9	30.5	25.4	22.9	22.4	23.4	24.9	26.1	24.2	27.8	26.1	24.4	24.6	30.3	36.4	34.2	30.3	35.4	25.8	51.0				
AVG:	11.71	11.24	11.15	11.53	11.65	11.91	12.23	11.51	11.65	12.36	11.28	11.40	12.91	10.63	11.85	12.40	12.55	12.35	12.85	13.45	13.83	13.38	13.09	14.60				

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: 12.23 MONTHLY MAX: 51.0

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-159-0021 POC: 3
 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 Environmental Quality
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2015

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	12.9	13.1	19.2	9.5	8.8	15.1	13.8	18.0	13.8	28.1	21.4	28.9	33.2	33.9	40.9	42.4	26.1	26.0	30.5	30.7	31.7	32.7	34.7	31.0	24	42.4	
2	28.3	32.5	26.1	28.6	29.5	24.9	30.0	21.9	25.4	24.1	13.6	14.3	14.1	10.3	7.1	5.1	14.6	10.0	10.3	7.3	11.0	18.0	10.5	15.3	24	32.5	
3	6.3	8.6	9.3	6.8	9.8	8.8	8.3	6.8	6.1	6.1	16.7	5.1	12.4	14.3	11.7	10.0	8.5	7.3	14.8	9.5	6.6	5.1	2.9	3.1	24	16.7	
4	11.0	6.3	11.9	12.6	7.3	8.3	14.3	8.3	18.8	15.0	13.3	33.4	16.0	2.1	4.9	5.3	9.5	6.3	6.3	5.6	3.8	5.1	10.0	72.6	24	72.6	
5	45.9	31.5	26.8	34.2	29.0	21.9	13.8	18.5	22.9	26.8	19.0	19.5	20.2	12.6	13.5	8.0	4.8	4.1	17.0	6.1	3.6	4.6	12.6	6.8	24	45.9	
6	2.6	-3.5	2.9	7.8	15.5	13.5	8.8	10.0	8.5	8.3	8.4	11.2	9.0	12.8	11.5	14.1	13.3	16.5	10.8	16.7	15.0	15.5	9.3	19.5	24	19.5	
7	17.5	8.0	11.9	14.5	16.5	16.8	26.8	17.5	29.8	12.4	15.9	12.6	10.5	13.1	13.8	12.6	18.3	11.5	22.2	16.3	17.8	18.7	17.2	16.8	24	29.8	
8	17.7	20.2	20.2	19.0	14.1	24.6	22.9	20.7	26.6	26.3	AX	BA	20.7	-4.7	19.9	18.5	16.5	10.8	10.0	14.3	13.6	11.2	19.7	6.8	22	26.6	
9	6.8	5.1	9.8	10.0	9.5	12.2	10.2	16.5	18.8	14.3	22.4	19.9	19.2	23.8	19.0	25.0	21.4	15.5	23.6	21.7	21.4	24.9	14.5	19.7	24	25.0	
10	17.2	17.8	17.5	19.0	17.7	18.8	15.8	24.4	17.7	28.8	19.9	24.6	23.4	19.7	25.3	26.3	27.1	32.2	31.0	31.7	32.2	26.3	31.2	28.8	24	32.2	
11	28.1	18.8	22.6	22.2	23.9	23.4	25.4	23.9	18.2	9.3	9.1	10.2	6.6	5.9	3.6	5.6	3.9	2.6	3.1	9.3	9.0	5.8	8.3	7.1	24	28.1	
12	7.8	5.1	3.9	4.4	5.8	10.0	16.2	14.0	11.2	12.4	7.8	7.8	11.7	11.5	11.0	15.8	17.2	12.6	18.2	16.0	19.7	11.5	15.0	13.1	24	19.7	
13	16.5	17.0	20.9	14.8	17.2	11.3	16.0	17.7	15.2	17.7	14.3	9.1	10.2	7.5	7.3	6.3	7.8	13.3	13.6	11.7	7.1	5.6	4.9	5.1	24	20.9	
14	7.3	5.6	2.4	5.3	8.8	7.8	6.1	13.8	10.2	6.3	2.9	1.9	1.7	4.9	4.6	4.6	3.9	6.8	4.1	5.1	12.6	8.8	17.5	16.0	24	17.5	
15	8.3	5.1	7.5	6.3	2.6	2.6	3.9	5.3	5.1	7.3	4.1	8.0	9.8	5.6	5.4	7.8	5.6	5.1	4.9	5.6	6.3	7.3	9.0	7.6	24	9.8	
16	5.8	4.8	10.3	12.8	12.5	6.8	6.3	7.3	6.1	9.1	9.5	7.1	7.8	5.8	4.1	7.0	8.8	12.1	11.0	12.4	17.5	11.2	11.9	12.0	24	17.5	
17	13.5	15.5	16.0	13.1	8.5	11.7	10.7	19.9	21.2	14.8	19.2	13.1	12.4	11.7	7.8	9.3	15.3	11.9	15.5	12.6	16.5	12.6	19.5	16.0	24	21.2	
18	11.8	13.6	21.7	10.2	17.0	10.8	13.3	15.8	9.8	10.0	11.5	18.2	17.2	14.8	19.2	10.5	6.8	14.1	12.0	12.4	12.6	14.5	10.5	9.0	24	21.7	
19	10.8	6.6	9.3	11.5	7.6	10.5	9.3	12.8	12.9	12.6	13.6	13.1	12.1	14.8	11.2	9.3	12.9	11.0	9.3	9.3	9.5	11.7	12.8	13.1	24	14.8	
20	9.3	5.8	15.5	9.8	11.5	10.5	13.8	19.5	17.8	11.6	14.6	14.8	16.5	8.3	9.3	14.3	13.8	13.0	20.9	16.3	12.4	13.8	14.8	12.4	24	20.9	
21	9.7	5.6	8.0	11.4	11.5	9.3	9.0	11.7	10.7	12.1	16.5	16.7	12.8	10.2	8.3	17.2	16.0	14.8	8.8	8.0	7.1	8.5	10.5	7.8	24	17.2	
22	13.3	10.2	13.1	9.0	8.0	12.0	10.0	10.0	10.8	14.0	11.9	9.3	9.3	9.8	10.5	14.8	11.9	14.8	18.5	12.1	19.2	21.4	12.6	17.3	24	21.4	
23	23.6	13.1	19.7	18.2	14.3	18.7	9.1	19.2	19.5	17.0	25.7	26.6	20.4	19.5	16.5	18.5	17.5	15.3	17.0	17.2	17.8	14.3	11.5	20.7	24	26.6	
24	17.7	14.8	12.2	15.5	11.7	20.2	17.0	10.8	15.0	21.9	16.3	14.5	27.3	18.5	15.5	18.2	11.7	15.0	16.7	17.5	24.9	17.5	24.4	26.8	24	27.3	
25	25.6	12.5	23.6	21.9	23.1	22.7	18.0	9.3	20.9	12.6	15.3	15.5	19.7	14.5	14.5	14.1	21.4	31.9	28.5	22.4	21.4	29.8	24.9	17.5	24	31.9	
26	20.2	16.2	16.8	19.2	18.0	20.2	20.4	14.3	-4.7	11.7	17.5	17.0	72.8	16.5	11.9	12.4	13.3	22.4	19.5	18.8	20.4	24.7	21.4	18.0	24	72.8	
27	21.9	14.3	14.6	16.5	11.2	13.3	11.5	10.8	12.4	9.5	AX	BA	BA	BA	18.2	12.1	28.6	AJ	AJ	AJ	AJ	AJ	AJ	AJ	13	28.6	
28	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AX	BA	BA	6.1	1.9	5.1	4.9	5.8	4.6	2.4	.9	2.9	8.8	11.7	12.4	12	12.4	
29	12.0	12.0	9.1	10.2	5.6	7.8	4.3	2.3	BA	BA	BA	10.0	8.3	AV	3.9	5.3	6.3	6.3	5.6	5.8	2.4	1.2	2.9	-.8	20	12.0	
30	-.3	2.6	4.1	11.7	13.8	10.2	6.1	12.6	10.0	12.1	15.8	13.6	9.8	6.8	15.0	10.8	6.1	7.8	16.5	7.8	12.1	12.0	7.8	8.6	24	16.5	
31	9.5	6.3	8.3	6.3	11.7	8.3	5.4	6.1	4.1	5.1	9.3	6.8	3.6	2.9	4.6	6.8	4.4	3.9	5.4	11.0	10.8	18.5	17.5	17.5	24	18.5	
NO.:	30	30	30	30	30	30	30	30	29	29	27	28	30	29	31	31	31	30	30	30	30	30	30	30	30		
MAX:	45.9	32.5	26.8	34.2	29.5	24.9	30.0	24.4	29.8	28.8	25.7	33.4	72.8	33.9	40.9	42.4	28.6	32.2	31.0	31.7	32.2	32.7	34.7	72.6			
AVG:	14.62	11.50	13.84	13.74	13.40	13.77	13.22	13.99	14.30	14.39	14.28	14.39	15.83	11.36	12.10	12.67	12.87	12.65	14.27	13.07	13.96	14.05	14.40	15.92			

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 13.68 MONTHLY MAX: 72.8

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-159-0021 POC: 3
 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 Environmental Quality
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2015

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	6.8	5.6	9.6	11.2	10.8	8.8	6.3	6.6	9.5	6.1	6.6	5.6	3.6	5.3	4.4	6.8	9.8	6.1	4.3	7.6	8.1	6.3	12.4	24	12.4	
2	10.5	10.2	9.0	13.6	11.2	14.3	9.5	4.9	10.2	7.5	7.1	5.6	3.6	3.6	3.1	10.3	6.3	3.6	3.6	8.0	9.8	17.5	10.5	7.6	24	17.5	
3	15.3	7.6	15.7	12.6	14.3	10.3	15.8	7.8	9.0	8.3	9.5	13.3	9.0	5.1	5.4	4.4	6.1	12.8	8.3	13.3	11.0	10.5	6.6	5.3	24	15.8	
4	13.6	9.0	7.5	6.3	1.9	6.4	9.5	10.0	15.0	8.5	7.6	9.2	9.5	8.5	5.4	4.4	4.3	7.6	15.0	22.9	14.8	16.8	17.5	14.3	24	22.9	
5	15.1	11.0	7.8	10.8	14.3	11.0	7.1	13.8	10.8	7.8	3.6	6.8	11.5	8.0	11.2	12.8	10.8	13.1	10.3	10.0	9.5	11.0	11.5	12.2	24	15.1	
6	9.1	8.0	11.2	7.8	10.0	11.0	11.7	13.4	15.8	13.6	8.5	12.9	12.4	15.5	13.1	8.3	7.6	12.1	9.0	11.0	8.6	8.3	4.4	2.6	24	15.8	
7	2.1	3.4	6.1	3.6	2.9	8.6	8.8	7.8	6.3	8.5	9.1	5.8	4.4	6.6	7.1	4.4	5.1	11.0	6.8	3.6	1.6	.4	.4	-1.2	24	11.0	
8	-.1	3.9	9.3	11.7	8.1	10.5	8.5	7.6	6.8	4.1	7.3	7.3	7.3	4.1	1.9	4.6	4.1	5.3	2.9	4.1	8.0	11.2	7.1	9.0	24	11.7	
9	9.8	7.3	11.7	12.2	7.8	10.0	7.6	5.4	4.7	5.8	3.9	7.3	6.1	4.6	3.6	3.2	5.8	5.6	9.5	12.4	8.3	9.8	7.1	4.1	24	12.4	
10	2.9	4.6	7.3	6.8	6.1	8.8	8.1	5.4	3.9	4.6	3.4	7.2	8.1	6.6	7.3	5.9	6.3	9.5	9.3	6.9	3.1	.7	.2	2.4	24	9.5	
11	3.2	1.1	4.6	3.2	1.2	.4	3.4	8.0	4.4	-.8	-.1	.2	-.3	7.1	5.8	9.0	6.6	2.9	5.1	9.5	6.6	5.6	6.3	4.6	24	9.5	
12	1.2	4.1	3.9	3.6	3.1	1.9	10.3	9.3	5.6	AZ	AZ	6.7	5.4	1.7	1.2	1.9	1.4	4.4	4.7	5.8	5.1	1.6	4.4	9.8	22	10.3	
13	9.1	6.3	8.1	7.3	7.8	9.1	6.1	3.6	2.4	1.4	2.4	1.2	.9	5.4	2.4	.4	5.4	5.6	12.1	8.6	12.5	7.3	6.6	10.5	24	12.5	
14	9.3	7.3	9.0	9.3	7.1	11.5	11.0	13.1	9.1	8.8	7.3	5.3	4.9	4.6	7.8	11.2	15.0	10.7	9.5	8.3	11.0	12.8	9.1	17.0	24	17.0	
15	8.0	6.8	7.8	13.1	11.7	13.6	12.0	14.0	8.8	7.6	11.3	11.3	8.8	8.5	8.6	8.3	8.8	10.3	16.0	8.3	12.0	10.5	12.0	9.3	24	16.0	
16	17.5	6.8	12.2	14.1	9.1	8.8	6.6	3.6	3.4	6.8	9.5	7.8	3.9	7.8	6.8	8.5	7.6	14.8	16.3	10.5	12.6	14.3	11.3	12.5	24	17.5	
17	13.6	7.8	9.8	10.3	9.8	8.5	6.4	9.3	11.5	8.6	8.5	14.3	13.1	7.8	16.8	13.8	18.5	17.0	15.3	4.9	8.3	10.3	8.6	13.1	24	18.5	
18	10.8	8.5	8.8	7.6	7.1	5.6	2.9	3.9	1.4	-.8	.2	3.6	1.2	-.8	4.4	1.9	-.6	2.1	1.4	-.1	-1.0	-3.2	-4.7	-4.7	24	10.8	
19	-1.5	-4.2	-4.2	-.8	-2.2	-3.7	-4.5	-1.2	1.9	2.6	BA	BA	BA	4.1	9.1	9.3	5.8	1.9	-.6	-1.7	-4.4	-4.7	-2.7	-4.7	21	9.3	
20	1.1	3.1	3.1	2.1	4.6	.9	-4.7	-4.7	.7	5.1	1.1	.2	4.9	3.4	3.1	2.9	1.6	3.1	.4	2.2	4.1	3.6	2.7	1.9	24	5.1	
21	-.3	-1.2	-.1	4.9	4.4	-.1	3.1	4.4	5.1	4.4	2.4	4.9	3.6	3.1	7.0	3.6	-.6	3.2	13.9	11.3	18.5	20.9	25.4	14.8	24	25.4	
22	14.3	11.0	10.8	10.5	12.9	10.3	8.3	11.5	6.9	9.8	10.5	9.8	8.8	7.1	8.0	7.5	6.1	6.8	10.8	11.7	12.0	12.0	20.4	20.0	24	20.4	
23	15.6	8.6	13.6	12.9	11.2	7.3	17.0	9.3	8.8	10.5	6.1	12.1	11.7	16.8	9.3	4.9	9.3	6.3	9.8	9.8	19.0	12.6	12.2	6.6	24	19.0	
24	7.3	4.4	8.5	10.5	12.9	11.0	10.5	11.3	9.8	4.9	6.3	5.9	3.1	4.4	6.1	2.4	-.6	1.7	4.9	3.8	12.0	7.8	6.6	5.1	24	12.9	
25	2.4	.9	6.6	9.0	10.0	7.5	9.5	11.0	6.1	3.6	8.0	4.9	1.9	1.4	2.9	4.1	5.4	8.8	11.7	8.5	8.3	15.5	6.8	7.8	24	15.5	
26	6.1	2.6	7.1	10.3	11.0	6.8	10.5	11.0	AX	AX	AX	7.6	5.8	11.5	8.5	10.3	12.9	10.2	7.5	11.7	14.3	13.6	13.6	10.3	21	14.3	
27	18.8	14.1	10.0	11.0	10.3	10.5	9.7	8.0	6.3	9.8	8.1	10.0	14.8	11.5	13.3	16.0	9.7	9.8	7.8	9.5	12.6	17.2	7.6	12.2	24	18.8	
28	10.8	8.1	9.3	11.2	11.5	12.5	13.2	15.5	6.1	7.6	10.7	14.3	11.5	14.1	9.3	5.4	9.1	7.3	12.0	10.2	13.3	20.2	17.5	17.8	24	20.2	
29	15.3	15.0	13.8	12.7	19.5	20.7	16.3	17.5	9.5	13.6	12.1	11.0	11.9	10.8	7.8	14.0	15.3	12.1	11.5	18.0	17.0	13.1	15.0	9.5	24	20.7	
30	11.0	7.6	15.0	16.2	14.3	16.3	13.8	11.5	18.7	12.4	11.3	10.8	15.0	18.8	14.8	9.8	13.1	17.3	13.8	12.2	7.8	5.6	8.0	4.1	24	18.8	
31	2.4	13.3	9.5	14.1	10.0	8.0	10.5	13.3	8.8	5.1	1.6	2.1	2.1	4.9	3.9	-1.3	-1.7	-2.0	1.6	4.1	2.1	1.4	4.4	2.1	24	14.1	
NO.:	31	31	31	31	31	31	31	31	30	29	28	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31
MAX:	18.8	15.0	15.7	16.2	19.5	20.7	17.0	17.5	18.7	13.6	12.1	14.3	15.0	18.8	16.8	16.0	18.5	17.3	16.3	22.9	19.0	20.9	25.4	20.0			
AVG:	8.58	6.57	8.34	9.29	8.87	8.68	8.62	8.57	7.48	6.87	6.55	7.53	7.02	7.10	7.11	6.66	6.82	7.89	8.59	8.50	9.23	9.43	8.47	8.01			

MONTHLY OBSERVATIONS: 736 MONTHLY MEAN: 7.96 MONTHLY 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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-159-0021 POC: 3
 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 Environmental Quality
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2015

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	1.4	3.6	8.3	6.3	6.1	4.4	7.1	4.9	4.9	10.8	7.3	9.5	8.1	8.5	8.0	10.8	5.6	18.0	8.5	12.0	9.5	10.5	15.0	10.0	24	18.0	
2	8.6	11.3	10.7	11.0	8.5	13.1	10.3	9.1	16.5	11.7	12.1	11.9	8.5	5.6	8.3	14.6	11.7	14.5	10.0	18.5	9.3	9.5	9.8	5.3	24	18.5	
3	8.8	8.3	11.3	11.3	13.3	10.3	6.3	11.2	12.2	10.7	13.1	21.0	15.8	14.3	18.2	11.7	14.5	26.6	16.3	17.3	15.8	18.2	21.6	16.2	24	26.6	
4	17.8	18.0	16.2	15.5	22.7	17.5	14.3	19.2	18.2	19.2	15.4	11.5	13.1	18.5	15.3	16.7	19.2	10.0	18.5	10.8	12.5	19.9	16.5	17.5	24	22.7	
5	15.8	13.6	10.0	12.5	12.7	19.0	17.0	19.0	17.0	6.8	14.5	11.0	16.0	18.5	18.0	8.8	14.5	12.6	10.2	10.3	6.3	13.3	12.6	8.5	24	19.0	
6	9.3	5.1	6.1	7.1	7.1	5.6	8.3	11.0	6.1	4.4	.6	-1.3	1.4	4.6	3.4	3.4	3.1	5.4	4.6	9.0	6.1	9.3	8.6	7.0	24	11.0	
7	5.1	3.4	3.9	3.6	3.4	2.4	1.6	2.1	3.6	5.1	2.1	-2.7	-3.5	-.6	-1.1	-1.1	4.9	4.1	.6	1.9	3.9	1.6	2.1	.7	24	5.1	
8	.7	1.6	3.6	4.1	2.4	.1	-2.2	-.7	2.9	2.1	4.4	6.0	3.6	1.1	6.6	7.1	3.1	-4.2	.2	.9	4.9	5.4	.9	1.4	24	7.1	
9	2.6	3.6	3.1	4.1	6.8	6.3	3.1	5.8	6.8	3.4	4.1	3.6	1.1	-1.0	-1.6	1.6	-1.0	1.9	2.9	1.4	1.4	-.7	2.6	1.4	24	6.8	
10	-4.5	-3.7	1.1	4.4	2.6	.9	2.4	3.4	2.9	2.4	1.4	2.4	2.9	2.6	1.6	9.0	8.0	6.1	2.9	-.4	-.6	2.6	4.6	-1.7	24	9.0	
11	-1.5	2.6	2.9	2.6	7.3	8.8	6.8	5.4	AX	AX	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	8	8.8	
12	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0	
13	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0	
14	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	BA	6.8	5.3	6.3	2.1	1.1	2.9	6.1	5.3	13.6	8.8	7.1	8.3	6.8	13	13.6	
15	11.9	10.2	10.0	9.8	7.8	6.8	7.8	7.3	5.6	9.3	8.3	6.3	21.7	21.2	28.1	15.0	12.1	7.3	10.5	10.0	10.8	10.5	14.8	13.1	24	28.1	
16	11.5	9.8	11.0	13.2	10.3	12.4	9.0	11.9	10.8	11.5	10.3	6.8	4.9	9.0	7.3	7.5	5.9	8.0	9.8	13.3	16.3	15.1	14.3	14.8	24	16.3	
17	13.1	14.3	10.8	13.4	14.3	20.2	12.9	13.8	18.8	4.4	5.8	7.1	7.3	4.6	11.5	8.6	5.4	6.3	13.6	10.3	10.3	10.5	10.8	11.0	24	20.2	
18	15.6	13.8	16.1	14.6	12.5	18.8	16.3	11.7	8.1	11.0	6.6	5.1	8.1	6.8	6.1	6.3	8.8	13.6	10.8	11.3	10.0	16.8	8.1	8.1	24	18.8	
19	7.6	6.1	14.6	8.5	5.4	12.7	14.1	8.6	7.6	5.8	4.9	5.2	2.9	.4	1.7	.9	-.8	1.4	3.4	9.3	9.1	9.5	16.0	8.3	24	16.0	
20	11.0	9.0	16.5	6.8	9.1	9.8	12.7	7.8	5.6	11.0	8.0	7.6	11.2	6.6	4.4	4.4	5.6	5.4	8.5	6.6	7.6	5.1	4.9	4.4	24	16.5	
21	3.1	2.9	.9	7.8	5.6	3.9	6.9	4.7	2.5	4.7	4.2	8.6	11.1	14.6	12.4	7.9	5.9	5.9	6.4	4.9	3.5	4.4	9.1	7.6	24	14.6	
22	3.4	4.2	3.9	-.9	-.9	2.2	2.4	.9	-1.4	5.6	4.7	2.9	4.2	5.2	11.1	6.9	7.9	7.9	4.9	6.6	5.9	6.1	8.1	4.5	24	11.1	
23	4.9	4.4	7.4	4.4	1.0	5.2	6.9	4.9	6.6	7.1	3.2	5.9	2.7	2.9	5.9	6.6	3.4	4.7	8.1	11.3	7.9	8.6	16.8	8.9	24	16.8	
24	8.1	12.9	10.0	11.2	6.8	10.2	7.3	6.6	6.6	9.3	6.1	5.8	4.8	4.6	2.9	1.6	7.5	5.6	6.6	7.0	13.6	10.5	7.3	4.3	24	13.6	
25	6.1	5.6	6.8	4.3	1.6	1.1	4.8	3.6	.9	.9	-1.5	1.6	3.1	4.4	3.8	5.5	3.6	4.9	3.6	.9	3.9	3.4	3.8	3.3	24	6.8	
26	1.6	-1.0	-1.2	.6	6.3	5.1	3.1	1.6	-1.2	-1.3	1.6	.9	.9	3.6	.9	-1.8	.8	3.1	2.1	-1.3	1.6	2.9	-.5	-.5	24	6.3	
27	2.8	5.1	5.6	1.3	.0	1.4	2.3	2.6	1.4	-.3	2.6	.4	1.3	1.6	-.5	3.6	3.1	.4	.6	2.9	2.3	.4	2.6	1.3	24	5.6	
28	1.1	2.6	5.3	8.7	13.8	8.0	5.8	6.8	4.1	AX	AX	4.2	4.7	8.6	5.6	1.9	3.9	2.2	4.2	4.7	3.9	1.7	-2.4	1.2	22	13.8	
29	2.4	2.6	1.9	1.2	1.4	-1.2	-1.9	-.4	1.7	5.4	5.4	2.2	-1.9	1.7	3.9	3.7	6.9	4.7	1.7	3.4	3.9	7.1	4.4	3.4	24	7.1	
30	2.9	4.6	9.1	6.4	8.8	5.2	.7	2.9	4.9	3.9	1.2	.7	3.7	2.2	4.4	4.2	2.7	.9	6.6	9.1	12.0	7.4	3.6	5.1	24	12.0	
31																										0	
NO.:	27	27	27	27	27	27	27	27	26	25	25	27	27	27	27	27	27	27	27	27	27	27	27	27	27		
MAX:	17.8	18.0	16.5	15.5	22.7	20.2	17.0	19.2	18.8	19.2	15.4	21.0	21.7	21.2	28.1	16.7	19.2	26.6	18.5	18.5	16.3	19.9	21.6	17.5			
AVG:	6.34	6.46	7.63	7.18	7.29	7.79	6.89	6.88	6.68	6.60	5.86	5.59	6.04	6.53	6.97	6.17	6.27	6.79	6.72	7.61	7.43	8.03	8.31	6.37			

MONTHLY OBSERVATIONS: 643 MONTHLY MEAN: 6.85 MONTHLY MAX: 28.1

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-159-0021 POC: 3
 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 Environmental Quality
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2015

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	3.9	2.7	2.4	3.2	1.6	-.4	.7	3.2	4.2	4.9	AX	AX	BA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	10	4.9
2	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	
3	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	
4	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	
5	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	
6	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	
7	SA	SA	SA	SA	SA	SA	SA	SA	SA	BA	BC	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	0	
8	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	
9	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	
10	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	
11	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	
12	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	
13	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	
14	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	
15	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	
16	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	AX	BA	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
17	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	
18	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	
19	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	
20	AN	AN	AN	AN	AN	AN	AN	AN	AN	AX	BA	BC	BC	3.4	2.9	4.9	3.9	4.4	5.6	6.6	10.8	12.5	12.5	13.0	11	13.0	
21	10.1	9.8	10.6	10.1	6.9	12.0	10.8	11.3	13.7	7.8	4.1	3.9	4.1	AX	AX	AX	AS	AS	AS	AS	AS	AS	AS	AS	AS	13	13.7
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.:	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
MAX:	10.1	9.8	10.6	10.1	6.9	12.0	10.8	11.3	13.7	7.8	4.1	3.9	4.1	3.4	2.9	4.9	3.9	4.4	5.6	6.6	10.8	12.5	12.5	13.0			
AVG:	7.00	6.25	6.50	6.65	4.25	5.80	5.75	7.25	8.95	6.35	4.10	3.90	4.10	3.40	2.90	4.90	3.90	4.40	5.60	6.60	10.80	12.50	12.50	13.00			

MONTHLY OBSERVATIONS: 34 MONTHLY MEAN: 6.53 MONTHLY MAX: 13.7

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-159-0021 POC: 3
 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 Environmental Quality
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2015

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	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		
2	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		
3	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		
4	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		
5	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		
6	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AZ	AZ	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	0		
7	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		
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	BC	BC	BC	BA	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
13	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0		
14	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0		
15	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0		
16	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	AX	AX	3.0	2.0	1.0	BK	3.0	11.0	10.0	11.0	13.0	19.0	19.0	22.0	11	22.0		
17	17.0	20.0	23.0	22.0	35.0	23.0	20.0	38.0	18.0	18.0	11.0	8.0	8.0	9.0	10.0	13.0	11.0	7.0	12.0	14.0	13.0	16.0	19.0	18.0	24	38.0		
18	19.0	13.0	14.0	11.0	11.0	11.0	12.0	9.0	8.0	AZ	4.0	4.0	3.0	7.0	6.0	6.0	5.0	3.0	6.0	6.0	5.0	8.0	5.0	1.0	23	19.0		
19	-3.0	-4.0	-3.0	-1.0	-2.0	-1.0	3.0	2.0	.0	1.0	-2.0	-2.0	2.0	4.0	2.0	1.0	2.0	7.0	8.0	6.0	3.0	4.0	6.0	6.0	24	8.0		
20	6.0	9.0	8.0	5.0	3.0	9.0	8.0	6.0	7.0	5.0	3.0	4.0	2.0	5.0	3.0	.0	.0	4.0	10.0	13.0	12.0	14.0	23.0	16.0	24	23.0		
21	10.0	14.0	10.0	18.0	13.0	14.0	14.0	14.0	11.0	8.0	8.0	5.0	4.0	5.0	5.0	5.0	7.0	11.0	9.0	19.0	11.0	14.0	8.0	13.0	24	19.0		
22	11.0	10.0	11.0	15.0	18.0	18.0	17.0	9.0	9.0	6.0	7.0	6.0	6.0	5.0	6.0	5.0	7.0	5.0	5.0	7.0	8.0	7.0	8.0	10.0	24	18.0		
23	15.0	12.0	10.0	10.0	11.0	10.0	11.0	12.0	7.0	7.0	7.0	4.0	3.0	7.0	8.0	6.0	9.0	29.0	44.0	22.0	29.0	13.0	13.0	13.0	24	44.0		
24	17.0	15.0	15.0	23.0	20.0	23.0	17.0	21.0	20.0	13.0	9.0	7.0	6.0	8.0	7.0	4.0	6.0	9.0	19.0	17.0	24.0	17.0	39.0	36.0	24	39.0		
25	54.0	45.0	35.0	28.0	28.0	27.0	23.0	24.0	22.0	15.0	15.0	5.0	5.0	5.0	7.0	6.0	10.0	6.0	11.0	13.0	16.0	14.0	17.0	17.0	24	54.0		
26	23.0	20.0	19.0	19.0	21.0	22.0	18.0	16.0	14.0	9.0	14.0	10.0	7.0	8.0	8.0	5.0	8.0	10.0	13.0	12.0	19.0	13.0	13.0	11.0	24	23.0		
27	19.0	17.0	18.0	15.0	13.0	19.0	15.0	14.0	14.0	10.0	9.0	7.0	9.0	5.0	2.0	3.0	6.0	6.0	7.0	22.0	28.0	24.0	21.0	30.0	24	30.0		
28	23.0	36.0	33.0	28.0	27.0	27.0	25.0	21.0	31.0	18.0	8.0	7.0	9.0	7.0	8.0	10.0	9.0	9.0	19.0	20.0	25.0	26.0	25.0	25.0	24	36.0		
29	27.0	13.0	21.0	21.0	18.0	21.0	18.0	20.0	17.0	17.0	14.0	10.0	10.0	15.0	14.0	9.0	5.0	9.0	9.0	9.0	18.0	14.0	18.0	17.0	24	27.0		
30	15.0	17.0	12.0	18.0	16.0	7.0	7.0	5.0	.0	.0	2.0	3.0	5.0	4.0	2.0	3.0	7.0	4.0	4.0	4.0	5.0	8.0	6.0	5.0	24	18.0		
31																										0		
NO.:	14	14	14	14	14	14	14	14	14	13	14	14	15	15	15	14	15	15	15	15	15	15	15	15	15			
MAX:	54.0	45.0	35.0	28.0	35.0	27.0	25.0	38.0	31.0	18.0	15.0	10.0	10.0	15.0	14.0	13.0	11.0	29.0	44.0	22.0	29.0	26.0	39.0	36.0				
AVG:	18.07	16.93	16.14	16.57	16.57	16.43	14.86	15.07	12.71	9.77	7.79	5.57	5.47	6.40	5.93	5.43	6.33	8.67	12.40	13.00	15.27	14.07	16.00	16.00				

MONTHLY OBSERVATIONS: 346 MONTHLY MEAN: 12.11 MONTHLY MAX: 54.0

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-159-0021 POC: 3
 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 Environmental Quality
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2015

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	7.4	5.7	5.0	3.3	2.8	6.7	6.0	8.2	4.8	5.2	7.0	9.2	11.2	7.7	6.2	7.4	5.3	7.9	5.7	5.6	9.5	8.0	7.7	24	11.2	
2	6.5	6.2	4.8	3.8	1.8	2.6	3.3	1.8	.4	.6	3.3	5.7	6.7	6.3	4.1	.9	-.4	.1	.6	1.6	2.8	5.7	6.7	4.3	24	6.7	
3	3.3	8.7	7.7	6.5	6.5	11.2	10.7	7.5	6.1	4.8	3.3	4.3	6.5	7.4	4.5	6.0	6.2	8.5	9.2	11.5	8.9	7.2	11.2	11.2	24	11.5	
4	10.2	12.9	16.7	9.2	8.4	12.4	14.2	12.2	11.0	7.0	6.7	3.8	6.0	5.5	6.7	6.9	6.9	12.4	13.2	22.2	25.1	22.4	19.5	15.7	24	25.1	
5	22.6	24.1	17.4	16.7	15.7	15.4	14.7	18.6	14.2	11.4	10.2	10.2	9.4	7.4	10.4	8.2	8.9	8.9	18.4	19.5	15.9	18.9	19.1	21.2	24	24.1	
6	22.9	19.5	23.4	20.7	21.0	17.4	15.9	26.4	15.4	14.7	9.9	6.9	8.7	7.9	7.2	6.7	9.4	11.4	14.5	13.4	25.6	24.6	20.0	28.1	24	28.1	
7	30.6	21.7	26.4	21.9	26.9	24.4	19.1	22.6	21.5	16.4	16.2	14.5	8.4	5.2	6.9	7.4	7.4	8.4	15.9	13.2	10.4	11.4	8.7	27.6	24	30.6	
8	16.4	14.2	17.9	15.7	14.0	14.7	20.5	16.1	20.7	7.7	6.7	8.2	7.4	6.9	5.2	3.5	11.7	9.5	88.6	35.0	31.8	16.9	12.4	13.2	24	88.6	
9	11.2	9.7	16.2	15.9	15.0	15.4	11.4	20.3	15.7	17.7	14.0	12.2	11.0	9.9	6.5	6.2	12.2	10.4	14.5	16.9	15.4	16.9	14.4	14.9	24	20.3	
10	15.7	18.6	19.5	21.2	20.3	18.2	22.9	18.9	25.4	15.2	16.4	19.6	16.8	11.9	12.7	12.7	14.9	17.4	31.5	15.4	14.2	18.4	15.2	17.2	24	31.5	
11	11.4	19.0	13.7	15.4	17.2	13.5	14.0	18.9	16.9	15.0	15.9	AX	10.7	12.7	9.4	7.5	9.2	17.0	12.8	12.0	14.8	15.9	10.7	16.2	23	19.0	
12	12.2	12.2	10.7	8.7	10.7	13.7	10.5	10.7	11.2	9.0	10.7	8.0	9.7	11.5	6.0	4.8	9.0	12.5	AN	17.2	19.4	20.3	20.5	22.2	23	22.2	
13	19.1	19.3	29.4	20.1	17.5	13.5	16.0	17.0	17.5	19.6	12.7	10.0	10.0	7.5	5.3	4.0	4.0	5.5	6.8	5.3	11.5	14.5	10.2	9.0	24	29.4	
14	7.2	3.9	7.7	6.2	3.6	1.9	.9	.4	4.6	2.1	-2.8	1.4	2.1	-.3	-.8	1.1	1.3	-.1	.6	2.1	3.3	2.1	2.3	3.3	24	7.7	
15	3.3	1.6	1.4	4.3	5.6	5.1	4.1	3.8	5.1	4.3	4.3	2.8	1.1	1.1	.4	2.8	7.2	4.3	6.5	7.2	18.2	10.7	16.5	13.5	24	18.2	
16	12.2	20.3	18.7	12.5	13.4	16.7	10.7	10.9	8.9	8.7	6.7	2.8	3.7	2.3	.6	4.7	7.7	15.4	6.9	8.2	5.1	11.4	9.7	9.7	24	20.3	
17	11.4	10.4	10.7	10.7	8.4	9.4	13.4	9.7	8.0	8.4	6.2	4.1	1.8	.1	3.3	2.1	-.6	4.1	6.7	8.0	7.5	7.5	7.4	7.7	24	13.4	
18	6.7	6.7	7.7	8.0	8.9	8.4	6.7	6.7	10.0	7.2	8.4	4.7	5.0	3.8	.6	3.8	4.8	5.9	7.9	8.6	9.9	9.1	11.4	6.2	24	11.4	
19	6.2	9.1	6.7	5.0	6.4	10.6	6.7	8.4	9.4	7.6	6.7	4.6	3.0	3.8	4.3	4.9	4.3	8.4	7.4	8.4	15.6	18.1	29.8	23.6	24	29.8	
20	22.4	16.9	18.9	25.8	28.3	29.1	24.1	27.6	21.2	17.4	11.2	7.6	5.7	3.9	7.7	7.4	8.9	7.2	11.1	10.7	6.7	9.7	9.7	12.2	24	29.1	
21	14.2	12.7	18.6	12.4	19.3	14.4	11.4	12.2	9.2	9.4	10.4	8.7	BA	4.3	10.7	8.5	10.3	10.2	27.2	18.0	17.5	18.5	17.2	16.5	23	27.2	
22	17.5	20.8	21.1	19.4	13.8	17.2	15.5	14.5	13.0	7.8	8.8	13.5	9.7	10.8	7.5	8.5	10.5	10.0	6.0	6.3	4.4	3.9	3.9	2.9	24	21.1	
23	4.4	5.3	3.4	.2	.4	.2	.4	.9	.4	3.4	2.9	2.9	.0	-2.5	.0	-.3	.9	.9	1.9	2.8	4.4	3.3	2.3	2.3	24	5.3	
24	.9	-.1	4.1	5.5	8.5	9.2	6.0	7.7	10.7	12.0	11.2	12.7	8.7	6.2	5.2	9.7	13.0	11.9	9.2	6.0	12.0	10.0	6.7	10.0	24	13.0	
25	5.7	2.1	2.1	-.1	-1.5	-.3	4.8	5.7	4.1	2.1	1.8	2.3	1.6	5.5	11.2	8.7	6.0	4.5	9.5	7.7	8.7	9.4	9.4	9.7	24	11.2	
26	5.8	5.0	7.2	4.3	3.8	7.5	5.0	3.8	3.1	4.5	2.3	-.4	2.5	3.1	5.0	14.7	13.2	15.2	17.4	13.9	40.6	47.5	40.3	19.1	24	47.5	
27	3.3	6.0	6.9	5.0	8.9	5.7	.6	2.8	3.6	4.1	4.7	6.0	4.7	1.8	5.9	3.5	3.0	2.3	2.1	1.8	5.2	8.4	7.7	8.2	24	8.9	
28	7.2	5.2	3.3	3.3	4.2	4.4	6.9	5.0	2.0	9.7	9.2	11.4	7.2	5.0	2.8	.3	1.8	2.1	.1	-2.6	-2.6	2.3	4.8	5.9	24	11.4	
29	2.0	.3	3.0	2.3	1.3	4.0	3.0	.3	4.3	5.3	8.1	8.1	5.4	3.3	4.7	8.4	6.9	9.9	9.4	7.9	7.7	6.4	7.6	6.7	24	9.9	
30	4.3	5.2	6.9	4.9	6.7	7.9	7.7	4.0	2.3	2.0	-.4	4.3	4.0	.8	-.1	3.0	.6	-1.3	3.3	2.0	2.3	6.4	4.1	5.7	24	7.9	
31	3.8	4.1	5.2	3.8	2.8	5.0	4.5	8.4	4.3	-.4	1.6	3.8	2.8	7.2	5.7	5.7	5.7	9.7	7.7	6.4	5.7	8.6	7.9	8.9	24	9.7	
NO.:	31	31	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	30	31	31	31	31	31	31		
MAX:	30.6	24.1	29.4	25.8	28.3	29.1	24.1	27.6	25.4	19.6	16.4	19.6	16.8	12.7	12.7	14.7	14.9	17.4	88.6	35.0	40.6	47.5	40.3	28.1			
AVG:	10.44	10.61	11.71	10.14	10.36	10.70	10.07	10.64	9.95	8.37	7.50	7.06	6.32	5.53	5.40	5.76	6.85	8.00	12.49	10.07	12.05	12.77	12.11	12.28			

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: 9.47 MONTHLY MAX: 88.6

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

May. 30, 2018

(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 Environmental Quality

MONITOR TYPE: SLAMS

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2015

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	2.0	23.1	22.6	25.1	25.6	19.9	19.2	16.0	16.9	13.2	8.6	2.9	-0.8	1.1	4.3	7.3	5.8	3.8	9.0	12.6	7.8	6.5	4.3	7.3	24	25.6		
2	6.1	8.3	9.0	7.3	8.3	7.3	10.0	8.1	8.1	9.0	9.5	6.0	6.4	7.0	5.5	7.8	7.5	10.0	11.6	17.8	26.2	16.3	15.3	15.6	24	26.2		
3	14.1	12.9	11.4	12.4	11.8	15.3	10.6	8.3	9.7	6.8	2.6	1.5	.1	-1.8	6	-4.3	5.6	3.2	3.0	2.0	2.5	6	7.5	6	24	15.3		
4	4.3	3.3	2.1	2.6	2.6	1.4	.0	.0	.0	1.5	1.0	6	5.6	.0	6	1.5	2.7	2.5	1.8	3.3	6.3	5.8	4.8	6	24	6.3		
5	6.1	9.4	6.2	4.0	1.8	4.5	11.1	9.7	16.0	10.8	11.0	10.4	9.2	4.9	3.3	6.5	6.8	6.9	10.3	14.3	12.6	15.1	6	15.4	24	16.0		
6	13.9	12.5	15.0	18.7	13.9	16.7	13.5	12.7	12.2	13.9	6.6	.9	.6	2.5	6.3	6.0	7.8	7.3	10.0	9.6	12.2	9.9	9.4	9.4	24	18.7		
7	12.8	10.0	9.0	11.1	9.0	8.8	10.2	11.4	8.1	7.8	5.2	7.0	4.5	6	8.5	7.1	7.6	11.0	12.5	10.4	9.4	6	6.7	6	24	12.8		
8	10.4	10.4	13.1	13.6	11.4	8.8	9.1	13.6	15.3	6.1	6.5	4.4	3.1	.6	.6	.0	4.4	9.7	15.3	25.6	41.7	42.7	6	59.7	24	59.7		
9	28.6	20.2	34.1	24.9	30.1	16.8	18.5	10.4	12.0	7.8	3.2	5.9	5.1	3.6	3.6	11.9	7.9	7.7	11.1	14.6	11.4	12.7	6	9.8	24	34.1		
10	11.3	15.1	8.6	10.4	10.0	8.1	14.7	7.9	12.6	10.8	5.8	4.5	4.7	3.6	4.6	3.8	7.0	11.2	14.7	21.0	24.8	21.3	6	24.2	24	25.9		
11	23.2	27.7	28.7	25.3	25.0	22.7	25.5	25.0	23.5	20.9	6.7	3.7	5.1	5.7	3.3	5.3	9.5	17.8	16.8	25.3	17.8	20.1	6	19.1	24	28.7		
12	22.0	6	17.1	18.4	15.6	19.9	21.8	6	22.8	20.4	6	18.1	20.6	22.3	6	21.5	6	26.5	15.1	6	13.1	6	15.6	12.6	14.8	24	26.5	
13	1.3	7.8	5.5	1.2	-3.3	-1.0	5.1	6.3	2.9	.0	BA	3.7	1.9	-1.3	6	-3.3	-5.6	.2	6.3	11.1	9.3	6	7.5	6	23	11.1		
14	11.9	8.8	8.1	5.3	6.6	11.6	6.1	4.4	7.3	4.3	2.6	.1	.0	1.8	2.1	.4	1.1	3.3	7.3	8.1	14.5	14.5	6	12.0	24	14.5		
15	9.4	14.0	8.9	6	6.7	7.2	5.0	6	6.7	3.3	4.0	5.2	3.7	6	4.9	5.6	6.6	3.4	3.4	17.1	26.3	6	18.1	6	24	26.3		
16	17.2	3.5	9.7	6.3	4.6	6.3	10.5	11.6	11.3	12.2	6	BA	.7	1.1	6	.0	1.0	1.8	12.3	6	13.4	6	22.1	6	17.7	23	22.1	
17	8.3	13.4	13.1	15.7	17.9	19.1	17.7	17.4	11.7	14.5	6	7.3	.0	1.2	2.7	.8	3.9	6	8.3	10.6	6	19.3	6	16.4	6	23	23.9	
18	21.1	28.0	21.6	20.6	18.5	19.5	16.5	14.0	14.0	16.0	6.8	3.3	1.1	2.3	6	.3	.8	.0	6	2.3	6	6.1	6	6.7	6	24	28.0	
19	12.1	8.1	11.4	9.3	13.2	9.1	6.4	6.4	18.4	5.2	1.4	-1.1	.0	.0	2.0	3.4	.3	-7.6	3.2	5.0	6.3	6	16.9	6	24	18.4		
20	22.9	18.8	17.8	12.2	11.7	10.0	13.6	9.8	13.9	14.3	6	9.0	6	1.3	6	.0	5.1	3.9	1.5	12.0	13.0	11.0	6	14.3	6	24	30.2	
21	18.2	20.0	22.9	9.7	18.3	18.6	19.9	6	17.3	6	12.6	20.9	6	7.5	6	4.2	.0	.0	.0	2.7	6	6.8	6	7.3	6	24	22.9	
22	14.7	15.2	11.9	11.5	13.7	11.7	15.4	11.0	16.4	12.4	6	7.4	6	5.6	6	4.3	3.6	1.8	6	3.5	6	4.3	6	8.5	6	24	18.1	
23	17.2	17.4	18.4	19.6	16.9	14.5	11.7	10.6	6.9	5.7	6	8.2	6	7.7	6	5.4	6	8.1	6	6.2	6	9.1	6	9.8	6	24	19.9	
24	3.9	2.7	4.1	5.6	3.2	.5	.8	2.7	4.5	4.5	6	1.8	6	3.1	6	4.1	1.7	6	5.1	6	5.3	6	4.8	6	6.9	6	24	11.9
25	9.1	9.5	7.9	8.4	8.4	7.6	8.4	11.0	16.4	10.3	6	6.6	6	3.3	6	3.0	1.7	.3	.0	.1	6	.8	6	8.7	6	24	16.4	
26	7.9	8.1	4.7	8.4	9.6	4.9	.0	2.9	3.9	4.5	6	3.7	6	2.2	6	1.5	5.1	6	3.7	6	3.0	6	6.2	6	6.5	6	24	11.9
27	6.3	8.5	5.0	1.6	5.6	5.5	6.1	7.1	5.3	6.2	6	4.5	6	AX	AX	.1	1.7	6	1.7	6	2.9	6	4.0	6	5.5	6	22	8.5
28	5.5	7.3	11.6	12.7	9.6	10.0	12.0	6	8.9	6	10.7	6	6.8	6	3.2	6	.7	.6	.0	6	1.3	6	3.0	6	2.0	6	24	23.2
29	20.1	25.8	19.1	17.9	16.2	14.2	14.4	6	16.9	6	21.3	6	15.6	6	8.4	6	7.6	6	11.5	6	9.3	6	8.3	6	6.5	6	24	25.8
30	10.2	11.9	11.0	7.2	3.5	4.0	7.2	6	8.0	6	11.5	6	8.4	6	3.9	6	1.6	6	3.6	6	3.8	6	2.6	6	3.3	6	24	21.8
31	17.7	16.7	21.9	21.7	21.2	16.0	15.3	6	13.6	6	20.0	6	14.7	6	10.4	6	6.7	6	1.2	6	.0	6	3.0	6	2.5	6	24	28.6
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	30		
MAX:	28.6	28.0	34.1	25.3	30.1	22.7	25.5	25.0	23.5	20.9	18.1	20.6	22.3	21.5	26.5	15.1	13.1	17.8	22.8	26.3	41.7	42.7	59.7	44.4				
AVG:	12.57	13.40	13.32	11.99	12.08	11.01	11.53	10.72	11.91	9.84	6.28	4.16	3.44	3.35	3.72	3.87	4.73	6.72	10.01	12.91	13.96	14.13	15.21	13.16				

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 9.77 MONTHLY MAX: 59.7

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

May. 30, 2018

(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 Environmental Quality

MONITOR TYPE: SLAMS

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2015

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	25.3	25.8	22.4	AN	22.6	22.6	21.6	19.2	20.7	15.2	7.1	10.9	7.8	7.0	8.2	9.2	7.3	9.4	8.3	5.3	5.6	4.1	3.1	2.9	23	25.8		
2	1.6	1.9	3.6	2.6	.7	2.1	2.2	3.7	4.2	6.0	6.7	6.0	4.2	8.5	6.2	8.4	7.2	7.2	8.6	9.3	12.2	11.5	12.5	16.0	24	16.0		
3	14.3	17.2	16.0	13.1	17.5	14.1	14.1	18.3	13.8	11.7	6.5	5.9	5.6	3.9	.4	.0	.0	2.8	8.8	14.7	17.2	17.5	16.8	15.6	24	18.3		
4	14.9	17.9	23.9	22.9	19.4	18.7	21.4	16.0	23.1	20.1	10.7	6.9	2.4	.0	.0	.3	2.7	5.5	8.3	14.4	13.9	15.0	12.5	15.0	24	23.9		
5	13.5	17.1	11.9	13.1	14.4	15.6	11.6	15.3	17.0	2.9	2.4	1.4	4.3	6.0	5.0	3.6	3.8	9.0	7.6	6.0	13.1	20.6	21.6	18.2	24	21.6		
6	20.2	18.7	19.8	20.5	12.6	14.1	12.9	13.1	15.3	14.2	7.3	.7	.0	.4	.0	2.8	2.3	.6	2.6	10.2	16.9	17.5	13.8	15.4	24	20.5		
7	19.6	19.6	13.4	15.5	14.2	13.0	16.4	12.5	22.8	19.0	9.6	6.5	4.7	3.9	2.4	2.4	2.7	1.4	3.9	6.4	19.1	28.0	28.5	31.9	24	31.9		
8	37.6	42.4	61.2	37.7	25.3	18.6	17.4	20.7	22.5	18.4	11.1	8.4	4.6	3.7	6.6	6.4	4.6	6.4	7.1	6.4	6.4	11.7	13.3	16.0	24	61.2		
9	12.8	20.0	14.4	12.8	16.3	18.0	14.8	12.1	12.8	10.7	14.1	11.3	8.6	4.7	2.2	1.3	4.2	4.0	6.7	5.3	4.3	9.3	8.3	6.6	24	20.0		
10	7.8	10.0	6.9	3.7	1.7	2.2	5.7	6.2	6.7	6.9	4.1	.7	-.6	.3	1.7	2.0	1.3	4.2	4.8	10.2	7.9	13.0	12.0	10.6	24	13.0		
11	6.7	5.5	2.8	3.0	4.7	4.2	5.2	4.0	3.8	4.0	3.4	1.7	-.8	.1	.0	.0	3.1	2.9	5.2	15.5	10.6	8.6	6.6	7.2	24	15.5		
12	5.2	8.5	6.6	5.5	7.3	6.3	10.7	16.6	16.0	6.7	9.9	6.1	8.8	7.6	8.6	12.5	6.7	8.7	6.6	5.1	8.4	6.7	7.4	6.9	9.6	24	16.6	
13	16.7	16.5	14.5	12.8	16.0	14.2	10.1	5.7	7.4	8.6	5.6	2.6	.8	.0	.0	.0	2.3	4.3	4.6	5.5	8.2	13.6	11.6	17.2	24	17.2		
14	16.7	10.5	7.3	7.1	6.8	4.1	3.8	8.0	8.7	9.3	10.2	12.3	7.3	5.8	5.8	7.3	6.3	9.5	8.5	7.8	6.4	7.4	5.7	6.1	24	16.7		
15	8.4	12.7	9.2	10.6	7.8	7.6	7.3	6.3	5.5	4.6	1.4	.0	.0	2.2	1.7	5.1	5.6	5.2	5.7	6.5	8.9	6.7	6.0	5.7	24	12.7		
16	7.9	6.9	10.3	16.7	6.9	9.2	11.5	15.0	12.5	6.7	4.4	4.9	9.6	9.9	9.2	8.9	8.1	7.8	10.7	15.1	19.1	20.8	16.6	7.6	24	20.8		
17	6.6	5.0	2.9	3.8	5.3	7.0	7.0	4.8	6.8	9.0	10.4	7.4	10.0	8.1	5.4	4.4	AZ	18.4	6.8	9.1	9.6	10.8	11.5	8.9	23	18.4		
18	15.5	6.4	10.5	12.5	14.6	10.4	10.3	11.8	12.3	11.0	9.1	4.3	9.3	7.3	5.5	4.3	9.1	8.4	11.3	9.5	8.0	6.3	5.3	4.1	24	15.5		
19	6.6	8.9	8.4	10.8	8.5	9.2	9.0	11.4	9.9	6.4	8.0	6.2	7.4	5.9	7.2	11.1	10.6	9.1	7.1	10.3	11.1	16.5	11.1	9.9	24	16.5		
20	8.2	8.3	10.3	18.4	12.4	15.9	12.4	14.9	12.0	11.9	7.7	3.4	.1	.5	2.2	2.4	2.2	3.4	8.7	13.5	11.5	16.0	12.3	11.6	24	18.4		
21	9.7	12.1	16.3	16.1	15.6	17.3	16.6	14.6	14.1	17.8	11.3	16.1	15.6	9.2	13.3	21.4	16.0	11.1	16.3	18.9	23.5	25.7	19.6	19.3	24	25.7		
22	23.8	19.9	18.3	19.1	13.7	11.1	13.0	15.8	12.5	21.2	14.2	16.1	11.4	7.5	8.7	24.5	19.0	12.1	9.9	14.1	16.6	17.3	7.6	10.0	24	24.5		
23	7.3	7.6	5.4	4.4	4.9	3.2	3.2	1.5	.3	2.0	2.4	3.6	2.9	2.5	3.0	6.2	8.3	16.6	18.9	18.2	16.2	15.0	13.0	19.2	24	19.2		
24	17.4	18.3	17.8	17.3	10.8	12.0	10.1	10.1	9.5	9.4	14.0	8.9	7.6	4.8	7.8	6.1	6.1	13.9	7.1	5.4	6.4	7.4	4.8	5.5	24	18.3		
25	7.0	8.1	9.6	8.9	7.1	6.7	9.4	14.5	11.0	6.8	3.4	AX	AX	4.4	3.4	3.6	9.8	10.2	18.4	6.1	192.0	13.7	11.0	12.7	10.3	22	192.0	
26	8.0	5.2	4.7	4.0	2.4	4.5	8.5	9.7	13.8	6.9	AV	AV	AV	AV	2.4	.0	2.6	6.6	10.7	9.8	11.5	8.7	11.0	18.2	16.1	20	18.2	
27	22.0	23.5	18.6	19.9	18.9	18.3	14.7	18.9	19.0	12.0	8.8	7.3	7.2	5.0	3.8	7.2	8.8	8.5	8.4	8.7	13.3	12.1	14.6	14.9	24	23.5		
28	24.1	15.6	15.9	18.4	19.1	17.1	17.1	14.3	17.8	13.5	15.6	13.8	12.0	11.3	11.6	9.1	13.5	11.2	15.0	8.0	15.1	24.8	21.0	17.5	24	24.8		
29																										0		
30																											0	
31																											0	
NO.:	28	28	28	27	28	28	28	28	28	27	27	26	26	28	28	28	27	28	28	28	28	28	28	28	28			
MAX:	37.6	42.4	61.2	37.7	25.3	22.6	21.6	20.7	23.1	21.2	15.6	16.1	15.6	13.3	13.3	24.5	19.0	18.4	18.9	192.0	23.5	28.0	28.5	31.9				
AVG:	13.76	13.93	13.68	13.01	11.70	11.33	11.36	11.96	12.56	10.63	8.00	6.72	5.81	4.87	4.64	6.18	6.60	7.95	8.78	16.62	11.85	13.81	12.51	12.46				

MONTHLY OBSERVATIONS: 664 MONTHLY MEAN: 10.48 MONTHLY MAX: 192.0

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2015

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	37.1	13.3	15.5	12.4	10.0	13.7	11.0	11.2	14.9	9.8	9.3	8.5	7.8	7.2	4.7	4.5	12.0	9.5	9.5	6.0	4.4	3.6	1.8	.7	24	37.1	
2	.0	.0	.0	.0	1.8	.5	2.2	5.6	3.1	.0	.0	1.3	.5	.8	2.9	2.2	1.7	.8	1.3	3.0	8.8	9.5	6.8	8.6	24	9.5	
3	6.1	11.7	6.8	9.8	9.5	7.1	4.8	7.8	6.8	5.3	3.6	2.3	4.5	3.3	4.7	3.5	3.7	11.1	12.3	8.0	4.3	1.6	.0	.0	24	12.3	
4	-8.8	-9.6	-1.3	-4.4	3.0	7.5	6.2	2.2	.5	2.2	1.5	.0	2.9	1.0	.3	6.9	4.9	1.0	1.9	1.5	3.4	4.9	2.7	1.5	24	7.5	
5	.0	.0	.1	.0	-1.1	-1.5	.5	1.9	1.0	3.9	7.4	4.7	1.3	-5.6	-9.6	2.2	4.2	3.0	4.0	3.5	2.3	4.4	8.3	7.6	24	8.3	
6	4.9	5.2	3.7	4.7	4.2	5.0	11.1	15.0	5.4	4.1	1.3	.0	.0	.9	.9	.4	.6	1.7	4.6	5.7	14.8	11.3	10.6	14.4	24	15.0	
7	15.7	12.7	15.2	17.2	15.0	13.3	12.5	6.0	6.6	5.4	6.1	4.3	.8	2.0	3.2	2.2	2.4	1.7	5.4	10.3	8.8	6.8	12.5	18.0	24	18.0	
8	18.7	14.9	13.6	14.4	13.7	14.2	10.7	10.9	8.2	5.6	3.3	.0	.3	2.9	1.0	.0	.3	3.9	4.9	2.9	6.4	10.3	6.0	4.0	24	18.7	
9	8.3	6.3	2.8	5.6	5.6	4.3	4.0	7.6	6.7	5.8	5.1	5.0	1.5	8.4	10.0	12.0	12.0	14.5	13.5	18.9	17.8	12.8	18.0	13.4	24	18.9	
10	12.9	12.6	12.9	12.6	14.1	13.4	9.9	11.1	16.6	BA	BA	8.6	5.3	6.8	7.5	7.7	7.2	7.2	4.9	4.7	8.9	8.7	4.9	2.8	22	16.6	
11	3.0	.0	.0	.4	.9	1.5	.0	.1	5.7	3.2	.0	.0	.3	28.7	6	.0	.0	.0	2.5	1.0	.0	1.3	1.6	.3	24	28.7	
12	1.1	.8	1.8	.5	1.0	1.4	2.6	1.6	1.5	.0	.0	.0	.0	2.5	2.0	.0	.0	2.2	2.7	5.2	6.2	9.1	6.4	8.2	24	9.1	
13	6.2	8.6	7.4	5.7	9.4	11.3	7.2	6.5	10.4	8.6	7.0	4.3	4.4	3.5	3.8	3.6	3.3	2.6	3.6	2.8	3.5	1.6	5.0	3.8	24	11.3	
14	2.8	3.3	3.5	-6.6	.4	-9.6	-5.0	-6.6	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	1.3	1.1	24	3.5	
15	1.1	4.2	.8	.7	2.3	2.8	4.8	6.3	3.1	.0	.0	3.5	2.0	.1	.0	.0	.1	1.0	2.2	7.9	7.2	6.7	7.0	5.1	24	7.9	
16	6.6	8.9	7.7	5.9	7.5	5.8	5.3	6.0	AX	BC	BC	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	8	8.9
17	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	0
18	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	0
19	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	0
20	5.5	5.3	4.6	5.1	3.6	1.6	4.6	8.5	9.0	7.0	2.5	.0	6.9	4.4	1.0	2.2	2.7	1.0	.8	2.3	3.0	7.2	8.4	9.8	24	9.8	
21	7.3	13.0	8.2	6.7	3.5	3.0	2.8	2.0	.5	.6	.8	.8	2.5	.0	.0	.5	.8	.1	.6	7.9	10.5	10.3	8.7	9.1	24	13.0	
22	7.4	6.5	7.2	5.5	6.5	6.2	4.8	3.5	3.5	3.9	5.2	3.7	1.0	3.9	5.7	5.4	7.7	7.7	17.7	6.7	8.5	6.7	5.0	7.7	24	17.7	
23	5.0	5.7	7.5	4.7	2.3	3.3	2.6	3.3	4.0	3.2	4.7	4.9	8.2	6.4	5.4	5.4	10.5	7.4	7.9	7.4	5.4	5.2	9.4	10.1	24	10.5	
24	7.0	8.5	7.0	9.7	7.3	5.3	7.0	9.9	5.2	6.9	9.4	7.2	6.7	4.2	5.9	5.2	5.4	4.4	5.4	5.4	5.7	9.4	13.5	10.0	24	13.5	
25	8.2	9.0	7.7	5.7	5.7	6.9	7.2	6.9	8.9	6.4	4.4	2.5	1.0	4.4	1.5	.3	3.2	3.4	2.0	.3	1.5	.6	.0	.0	24	9.0	
26	.0	1.5	3.2	1.3	1.5	5.7	4.4	1.5	3.2	6.9	5.2	3.2	4.9	3.7	3.4	4.6	4.6	4.9	4.4	6.6	6.6	8.6	7.9	3.7	24	8.6	
27	.0	.0	1.7	.0	.0	2.7	.5	-3.8	.0	.1	.0	.0	.0	.0	.3	1.5	3.4	8.2	9.1	6.7	7.5	7.0	9.9	9.5	24	9.9	
28	7.6	7.5	7.3	9.0	7.8	7.1	4.4	4.1	3.4	1.4	4.6	4.7	4.2	2.2	4.4	3.0	5.2	5.4	6.9	5.7	10.0	15.0	12.6	13.2	24	15.0	
29	10.1	10.8	9.4	7.5	7.2	12.4	7.8	6.5	4.3	2.1	1.6	.0	.0	.1	2.0	1.5	1.0	4.4	8.6	13.5	11.7	10.8	15.0	20.5	24	20.5	
30	20.8	17.3	23.2	19.3	16.0	13.3	10.7	13.8	11.7	10.2	11.3	5.4	6.4	6.7	3.0	.0	2.2	4.2	2.9	2.0	6.2	8.9	8.2	8.5	24	23.2	
31	7.5	5.0	2.8	4.1	6.6	6.6	10.3	7.8	4.5	3.0	2.5	2.7	4.4	4.7	5.9	7.9	6.2	10.2	11.0	12.5	16.4	16.7	10.0	12.2	24	16.7	
NO.:	28	28	28	28	28	28	28	28	27	26	26	28	28	28	28	28	28	28	28	28	28	28	28	28	28		
MAX:	37.1	17.3	23.2	19.3	16.0	14.2	12.5	15.0	16.6	10.2	11.3	18.1	9.5	28.7	10.0	12.0	12.0	14.5	17.7	18.9	17.8	16.7	18.0	20.5			
AVG:	7.50	6.85	6.44	5.98	5.94	6.20	5.53	5.99	5.57	4.16	3.58	3.38	2.96	4.18	2.84	3.25	3.93	4.69	5.62	5.87	6.90	7.43	7.40	7.58			

MONTHLY OBSERVATIONS: 667 MONTHLY MEAN: 5.42 MONTHLY MAX: 37.1

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2015

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	10.0	10.3	13.7	8.8	6.3 6	9.6 6	8.5 6	9.0 6	6.4	8.6	5.2	2.2	1.5	3.4	2.9	- .5	.0	3.4	1.2	12.4	6.9	4.7	6.9	5.4	24	13.7		
2	6.9 6	6.4	5.4 6	6.5 6	6.5 6	4.5 6	5.2 6	5.9	11.0	9.5	13.2	8.8	6.7	6.9	5.2	3.4	5.6	4.9	3.2	17.2	9.1	9.3	7.9	5.7	24	17.2		
3	4.0	4.9	5.2	6.2	6.7	5.2	8.2	5.7	2.5	1.5	1.5	1.5	1.5	- .7	-3.1	-2.4	2.9	3.7	5.6	4.9	4.2	6.2	4.9	5.2	24	8.2		
4	2.0	.6	.0	1.3	2.0	2.2	3.2	3.5	3.2	3.2	3.4	1.7	1.2	1.7	1.5	.3	.8	1.5	.3	7.2	12.0 6	9.6 6	7.8 6	12.6 6	24	12.6		
5	13.6 6	9.8 6	7.1 6	5.6 6	3.9 6	3.7 6	5.7 6	6.3 6	2.8 6	- .6	-1.7	-1.4	- .5	1.5	1.7	2.0	3.0	3.7	1.5	1.0	10.0	11.5	6.7	4.7	24	13.6		
6	3.0	3.7	4.7	3.9	1.5	3.0	3.0	2.7	3.9	2.2	2.7	3.7	1.7	3.7	6.7	3.4	4.5	9.5	11.0	7.9	8.3	6.7	4.5	5.4	24	11.0		
7	3.5	4.2	2.3	.8	3.7	2.7	1.8	3.7	5.2	3.5	2.3	4.5	4.5	2.5	.8	3.0	1.5	- .2	4.2	5.7	5.5	6.5	4.5	4.7	24	6.5		
8	2.3	- .4	2.0	5.2	3.5	3.7	4.5	3.2	3.7	6.7	7.7	6.2	4.0	6.5	4.9 6	2.5	3.2	3.9	7.4	7.7	8.7	6.7	8.9	7.0	24	8.9		
9	6.5	8.4	7.4	6.5	3.7	4.2	13.8	11.3	8.7	7.7	8.2	5.7	4.2 6	5.4	4.7	3.0	2.5	8.9	11.0	8.4	9.8	15.7	17.0	10.3	24	17.0		
10	8.5	7.0	7.2	6.2	5.2	4.2	4.5	3.3	3.5	4.5	4.7	3.0	-1.9	-2.3	- .4	- .9	1.8	3.0	4.7	3.2	1.5	2.5	3.5	3.2	24	8.5		
11	2.0	5.7	2.8	-1.4	.9	1.1	1.6	2.3	2.3	3.0	5.2	3.5	2.3	2.3	3.0	1.8	1.0	4.2	12.0	9.6	9.8	10.3	11.5	24	12.0			
12	10.8	18.3	13.8	16.6 6	14.3 6	10.4 6	9.0 6	10.3	6.9	4.7	4.4	3.0	5.9	6.2	4.0	7.2	5.9	7.7	9.1	13.3	17.5	33.6	42.8	24.2	24	42.8		
13	17.5	19.5	26.2	27.9	27.2	27.4	19.2	21.9	17.7	17.2	9.8	6.0	- .4	-4.5	-4.3	-2.4	-1.4	-2.3	1.3	3.0	5.2	9.1	8.5	7.5	24	27.9		
14	7.0	9.8	5.2	2.7	1.8	.1	.6	- .2	- .6	-2.8	-3.8	-1.9	-1.4	-1.6	- .4	.6	- .2	1.0	2.5	6.4	3.7	3.2	5.7	4.9	24	9.8		
15	4.0	3.0	2.5	3.0	3.2	2.8	3.0	3.2	AX	BE	BE	BE	BE	BE	BE	BC	-5.8	-5.8	-5.8	.5 6	2.7 6	1.0 6	- .7	15	4.0			
16	-1.9	1.0 6	.7 6	2.4 6	4.1 6	1.9 6	1.0 6	.7 6	-1.3	- .3	.2	-1.7	-2.4	-1.9	- .3	- .3	.5	1.9	- .3	.0	.9	1.2	1.9	3.6	24	4.1		
17	3.1	.7	.0	.5	1.4	1.7	1.7	2.9	5.8	4.4	1.9	- .8	-2.7	-2.0	-1.0	.7	1.6	1.2	.0	-1.3	- .3	.7	- .3	-2.7	24	5.8		
18	-4.1	- .3	.5	-1.0	-1.8	-2.4	2.6	2.6	2.2	2.4 6	1.4 6	1.4 6	1.4 6	2.9 6	.2	.7	3.6	2.6	.7	.2	3.9	1.9	-1.5	-1.3	24	3.9		
19	-1.9	- .3	2.9	1.4	.2	2.1	1.9	1.4	-1.5	- .3	1.1	.2	- .8	-1.5	-2.2	-3.2	-2.9	-1.0	-1.0	-1.8	1.6	3.6	.9	-1.9	24	3.6		
20	- .3	- .5	-2.2	-3.7	-2.7	- .8	.4	2.9	1.6	1.9	1.9 6	4.1 6	3.1 6	.5 6	1.6 6	2.4	3.8	2.9	1.1	1.4	1.6	.4	1.2	3.1	24	4.1		
21	8.8	4.6	6.1	5.6 6	5.4	5.6	6.1	8.1	6.6	4.6	2.4	1.1	1.9	3.6	1.4	5.8	5.3	.9	-2.0	3.6	5.6	6.1	7.3	6.8	24	8.8		
22	6.6	6.3	6.4	4.4	4.9	2.9	1.4	3.6	BA	5.9	5.9	4.6	4.6	2.6	2.1	3.4	7.8	6.6	8.8	6.8	5.3	5.3	5.9	8.3	23	8.8		
23	7.8	9.0	8.1	7.3	6.1	4.9	3.6	3.1	1.7	- .5	.0	1.2	3.6	4.6	4.1	3.6	1.9	1.6	1.7	1.7	4.9	3.9	3.6	6.6	24	9.0		
24	4.1	5.9	6.6	3.9	3.1	7.4	5.9	5.6	4.6	2.7	.0	-1.5	- .7	2.9	4.1	6.8	6.9	9.0	8.1	14.4	15.4	15.4	15.2	11.6	24	15.4		
25	13.7	13.4	10.0	6.6	7.1	8.7	11.0	7.9	5.6	5.9	5.4	4.4	8.6	6.4	4.6	7.4	5.6	2.7	.7	3.9	6.1	10.2	10.7	9.5	24	13.7		
26	9.5	9.5	5.9	4.2	2.2	2.2	- .5	- .7	1.7	1.5	9.5	8.4	7.9	16.9	6.4	2.9	4.6	2.7	2.9	2.4	.0	- .5	2.4	5.4	24	16.9		
27	7.1	10.2	7.6	9.0	8.4	9.7	11.2	6.9	8.6	7.1	11.7	5.9	1.4	3.6	3.4	2.6	4.1	3.4	6.3	4.4	7.4	7.4	5.6	10.0	24	11.7		
28	8.6	5.9	6.9	6.1	4.1	7.9	6.4	7.3	6.3	5.9	AX	AX	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	10	8.6	
29	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0	
30	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0	
31																										0		
NO.:	28	28	28	28	28	28	28	28	26	27	26	26	26	26	26	26	26	27	27	27	27	27	27	27	27			
MAX:	17.5	19.5	26.2	27.9	27.2	27.4	19.2	21.9	17.7	17.2	13.2	8.8	8.6	16.9	6.7	7.4	7.8	9.5	11.0	17.2	17.5	33.6	42.8	24.2				
AVG:	5.81	6.31	5.89	5.23	4.75	4.88	5.16	5.16	4.58	4.08	4.01	2.84	2.12	2.68	1.96	2.12	2.87	2.90	3.27	5.19	6.11	7.20	7.18	6.32				

MONTHLY OBSERVATIONS: 648 MONTHLY MEAN: 4.56 MONTHLY MAX: 42.8

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS

REPORT FOR: MAY 2015

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 Environmental Quality

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	6.6	5.4	4.9	5.6	5.4	8.8	9.1	5.1	3.3	3.4	3.6	5.8	3.6	9.2	7.1	8.1	7.6	6.6	9.0	13.7	16.4	10.9	13.2	13.7	24	16.4	
2	10.2	15.4	12.4	18.1	10.0	11.1	7.8	10.2	10.9	9.1	7.6	5.8	7.1	5.1	7.6	5.4	5.3	9.4	8.3	11.6	21.6	18.9	13.9	10.9	24	21.6	
3	9.2	14.9	17.9	18.9	17.9	18.6	13.7	8.1	9.2	10.9	7.1	5.6	4.8	2.8	6.3	7.3	7.3	12.1	28.2	32.0	23.3	23.3	29.0	23.1	24	32.0	
4	20.8	24.1	21.0	20.6	22.3	22.1	15.6	13.4	12.9	12.1	10.9	7.6	8.8	9.0	6.6	5.1	16.1	9.7	12.6	11.6	13.7	21.0	14.2	11.7	24	24.1	
5	13.2	13.9	11.2	13.9	14.2	8.6	10.4	7.8	8.3	AZ	AZ	19.6	7.8	AX	12.7	12.6	12.9	16.4	13.2	11.7	11.6	14.6	12.9	10.9	21	19.6	
6	13.2	13.4	13.2	11.9	15.4	6.8	7.1	15.6	10.7	8.5	11.4	6.6	8.3	13.9	11.6	7.1	8.1	8.5	8.8	14.4	17.6	14.1	13.9	13.7	24	17.6	
7	14.9	16.2	11.2	10.0	10.0	11.7	14.4	9.1	13.4	10.0	10.4	10.9	9.5	15.1	9.8	8.1	16.9	10.3	15.2	6.9	7.9	10.2	8.6	12.7	24	16.9	
8	10.5	8.6	13.2	9.3	6.9	10.0	10.0	9.8	11.0	8.6	6.1	12.4	10.7	8.3	10.9	10.5	13.9	10.5	11.9	14.2	9.5	14.9	5.1	6.8	24	14.9	
9	5.6	7.9	7.9	5.4	9.3	5.6	4.4	11.9	7.3	5.6	9.0	9.3	7.6	11.4	10.2	10.5	10.0	6.8	5.6	19.9	9.8	13.7	11.2	10.0	24	19.9	
10	8.6	7.4	5.4	6.4	7.4	6.9	6.9	6.3	5.4	6.6	7.3	6.6	8.5	14.1	11.4	14.1	8.3	8.5	9.8	10.5	13.6	13.2	10.7	7.8	24	14.1	
11	14.6	13.1	10.7	9.3	8.6	7.6	7.8	9.3	12.9	BA	7.1	15.9	10.2	17.6	10.2	8.6	9.0	11.7	12.4	16.9	13.2	14.4	9.0	15.9	23	17.6	
12	7.1	6.9	7.3	10.7	12.1	11.0	11.6	15.1	13.9	14.4	10.2	6.1	5.3	5.3	4.6	3.1	6.6	5.3	8.1	6.3	4.3	3.3	8.3	4.1	24	15.1	
13	1.4	5.8	5.8	6.8	4.6	6.8	5.1	.2	2.9	4.1	5.6	4.3	8.8	4.8	5.6	4.6	1.1	4.1	3.6	10.7	10.2	8.1	5.6	5.1	24	10.7	
14	10.5	9.5	7.4	6.1	1.4	1.2	6	8.1	BA	BA	15.1	6.8	5.3	BA	7.3	7.8	9.2	9.5	7.3	5.8	10.5	9.0	11.4	13.6	12.4	21	15.1
15	9.5	29.7	14.2	10.5	13.4	10.0	15.4	22.3	13.4	16.4	12.6	8.1	15.6	10.0	8.3	6.8	7.1	8.1	7.8	11.2	14.1	7.3	8.3	12.1	24	29.7	
16	11.1	13.7	9.0	6.8	12.6	12.1	11.4	13.9	10.9	8.1	9.3	7.8	10.2	8.8	7.6	5.3	6.1	6.1	5.6	7.1	10.3	11.0	7.1	10.3	24	13.9	
17	8.3	3.9	5.1	6.3	4.9	8.8	7.1	3.4	9.8	8.3	11.9	15.6	10.7	11.9	12.9	9.7	7.3	7.3	5.3	8.1	6.3	5.6	8.5	8.5	24	15.6	
18	7.6	4.1	5.3	4.4	1.7	2.6	2.6	2.8	8.3	6.3	11.6	6.8	6.6	6.8	2.8	4.1	4.8	4.3	3.3	3.1	.4	-.2	-.2	1.6	24	11.6	
19	.9	-.7	-.5	-2.4	-.5	-1.0	-3.2	-.2	1.1	.9	2.8	1.4	2.4	5.3	4.8	1.1	-1.0	-.3	3.8	5.6	10.7	7.6	6.0	6.0	24	10.7	
20	4.3	7.0	8.3	6.3	4.8	3.3	3.1	4.8	2.3	4.5	5.0	1.6	.9	2.1	1.1	.1	1.8	.4	-2.7	8.3	8.5	6.8	5.3	3.1	24	8.5	
21	.9	4.6	4.6	4.3	6.1	5.1	2.1	1.6	3.6	AX	AX	.9	.7	1.8	1.8	2.3	.9	-.7	1.9	1.6	3.8	4.8	5.0	5.8	22	6.1	
22	3.3	2.6	1.6	-1.5	-1.0	1.9	6	.7	2.9	4.1	1.1	-.3	.6	-.8	.6	-.6	-1.8	2.1	4.0	3.5	5.8	20.1	31.1	29.9	18.3	24	31.1
23	16.8	12.9	8.5	8.8	7.3	7.8	6	5.8	6.6	7.6	4.6	2.6	2.6	3.3	7.8	6.3	4.3	1.8	1.3	5.0	12.9	22.8	28.2	21.3	19.1	24	28.2
24	16.3	16.8	14.3	10.2	14.6	7.8	10.2	10.0	8.5	9.5	5.6	7.1	5.8	7.8	7.0	5.3	9.0	8.3	7.3	9.0	26.2	22.3	17.8	14.9	24	26.2	
25	10.2	6.6	10.2	9.0	5.3	5.1	11.4	10.0	11.4	9.0	5.0	1.9	2.6	4.3	4.8	3.1	2.6	6.6	6.6	7.5	9.0	9.3	5.8	2.1	24	11.4	
26	1.7	1.9	1.9	1.9	3.6	4.8	3.4	5.1	2.9	-1.0	4.1	2.1	.4	.0	2.9	3.8	3.8	4.3	5.6	6.8	4.3	.4	-2.9	-2.2	24	6.8	
27	-1.2	-1.2	-1.7	.4	-.5	-1.5	.0	-.7	-4.4	-5.6	-3.7	-3.0	1.1	1.1	-.5	-2.7	-2.3	1.9	1.9	5.6	4.4	3.1	3.6	1.6	24	5.6	
28	3.1	1.9	6.0	4.3	1.6	1.6	2.8	4.3	2.3	2.3	4.6	4.1	4.1	5.3	8.8	5.6	5.3	4.8	4.3	2.9	2.8	11.6	8.8	3.8	24	11.6	
29	.5	4.9	5.6	2.1	.5	3.9	2.1	5.8	5.4	2.6	5.1	3.3	10.7	7.3	4.1	3.6	5.3	1.7	3.6	10.7	14.4	13.4	6.8	2.4	24	14.4	
30	7.1	8.3	6.6	6.1	6.1	7.8	6.3	5.1	5.3	8.8	6.6	4.3	4.8	8.5	7.1	5.6	3.8	1.4	3.1	11.6	15.6	11.2	12.9	9.0	24	15.6	
31	4.1	2.9	2.6	5.6	5.6	6.8	4.6	4.6	4.3	3.4	1.9	-.5	-.2	2.1	.9	1.9	2.4	.7	-.2	2.1	3.1	2.4	1.6	1.9	24	6.8	
NO.:	31	31	31	31	31	31	31	30	30	28	29	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31	
MAX:	20.8	29.7	21.0	20.6	22.3	22.1	15.6	22.3	13.9	16.4	12.6	19.6	15.6	17.6	12.9	14.1	16.9	16.4	28.2	32.0	26.2	31.1	29.9	23.1			
AVG:	8.09	9.11	8.10	7.62	7.47	7.22	7.03	7.47	7.30	6.70	6.48	6.02	6.00	7.18	6.53	5.56	6.24	6.05	7.04	10.03	11.56	11.87	10.15	8.94			

MONTHLY OBSERVATIONS: 735 MONTHLY MEAN: 7.75 MONTHLY MAX: 32.0

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS

REPORT FOR: JUNE 2015

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 Environmental Quality

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	1.0	-1.0	4.0	5.0	3.0	.0	.0	2.0	5.0	3.0	.0	.0	-1.0	6.0	2.0	-2.0	-2.0	1.0	3.0	.0	-2.0	2.0	5.0	5.0	24	6.0		
2	4.0	2.0	1.0	4.0	1.0	-3.0	-1.0	.0	.0	-1.0	-1.0	-1.0	-1.0	-1.0	-2.0	-2.0	.0	5.0	3.0	-1.0	-1.0	.0	.0	4.0	24	5.0		
3	3.0	.0	2.0	2.0	-1.0	-3.0	-2.0	1.0	1.0	.0	2.0	2.0	3.0	3.0	4.0	4.0	2.0	3.0	4.0	8.0	6.0	3.0	4.0	3.0	24	8.0		
4	.0	4.0	4.0	1.0	2.0	4.0	3.0	3.0	AX	10.0	3.0	-3.0	2.0	.0	2.0	AV	1.0	1.0	1.0	2.0	2.0	5.0	5.0	5.0	22	10.0		
5	3.0	4.0	.0	-3.0	.0	1.0	.0	1.0	2.0	1.0	.0	3.0	5.0	4.0	3.0	2.0	3.0	4.0	3.0	2.0	14.0	16.0	10.0	10.0	24	16.0		
6	8.0	9.0	10.0	7.0	11.0	6.0	6.0	6.0	5.0	8.0	6.0	7.0	8.0	8.0	10.0	9.0	7.0	8.0	10.0	13.0	32.0	35.0	30.0	30.0	24	35.0		
7	21.0	30.0	27.0	22.0	15.0	13.0	10.0	9.0	11.0	14.0	11.0	9.0	12.0	8.0	8.0	10.0	6.0	8.0	13.0	16.0	7.0	12.0	9.0	5.0	24	30.0		
8	11.0	8.0	6.0	7.0	10.0	9.0	8.0	10.0	13.0	11.0	11.0	15.0	11.0	9.0	7.0	9.0	8.0	11.0	11.0	12.0	8.0	3.0	2.0	.0	24	15.0		
9	-1.0	.0	-1.0	2.0	2.0	-1.0	1.0	.0	.0	.0	2.0	4.0	4.0	7.0	6.0	2.0	5.0	7.0	7.0	7.0	17.0	15.0	11.0	16.0	24	17.0		
10	13.0	12.0	12.0	13.0	13.0	15.0	14.0	9.0	10.0	8.0	11.0	13.0	14.0	19.0	20.0	14.0	9.0	16.0	14.0	17.0	27.0	13.0	14.0	10.0	24	27.0		
11	13.0	13.0	10.0	11.0	14.0	12.0	13.0	13.0	10.0	10.0	18.0	12.0	8.0	13.0	9.0	5.0	2.0	2.0	9.0	12.0	6.0	9.0	7.0	5.0	24	18.0		
12	10.0	7.0	4.0	5.0	6.0	5.0	4.0	5.0	5.0	5.0	3.0	8.0	11.0	8.0	7.0	7.0	3.0	3.0	9.0	12.0	7.0	13.0	7.0	2.0	24	13.0		
13	1.0	3.0	4.0	4.0	4.0	8.0	5.0	8.0	6.0	6.0	19.0	22.0	17.0	7.0	19.0	15.0	15.0	19.0	17.0	15.0	22.0	20.0	23.0	18.0	24	23.0		
14	13.0	14.0	12.0	10.0	10.0	11.0	13.0	11.0	11.0	14.0	12.0	9.0	6.0	7.0	9.0	6.0	5.0	9.0	9.0	8.0	8.0	12.0	10.0	10.0	24	14.0		
15	12.0	8.0	6.0	6.0	5.0	3.0	6.0	6.0	5.0	10.0	10.0	9.0	14.0	12.0	12.0	10.0	17.0	6	14.0	17.0	16.0	17.0	15.0	10.0	24	17.0		
16	12.0	11.0	7.0	7.0	10.0	8.0	12.0	11.0	10.0	15.0	17.0	17.0	15.0	14.0	8.0	6	13.0	6	11.0	6	12.0	14.0	12.0	17.0	15.0	24	17.0	
17	14.0	14.0	13.0	8.0	15.0	13.0	9.0	13.0	9.0	13.0	10.0	15.0	9.0	6	12.0	6	13.0	6	11.0	6	11.0	8.0	13.0	16.0	17.0	24	17.0	
18	9.0	9.0	10.0	10.0	8.0	7.0	9.0	7.0	AX	AX	20.0	9.0	7.0	6.0	3.0	1.0	6.0	5.0	8.0	12.0	13.0	7.0	7.0	8.0	22	20.0		
19	6.0	5.0	6.0	4.0	3.0	6.0	3.0	7.0	5.0	5.0	4.0	5.0	8.0	9.0	6.0	4.0	6.0	4.0	7.0	10.0	7.0	11.0	11.0	13.0	24	13.0		
20	10.0	12.0	11.0	10.0	6.0	8.0	9.0	6.0	4.0	8.0	7.0	8.0	6.0	6.0	6.0	3.0	1.0	2.0	2.0	6.0	9.0	14.0	16.0	6.0	24	16.0		
21	6.0	6.0	8.0	9.0	7.0	4.0	4.0	5.0	3.0	1.0	.0	.0	8.0	6	8.0	10.0	6.0	6.0	14.0	10.0	14.0	13.0	7.0	3.0	2.0	24	14.0	
22	3.0	4.0	1.0	.0	2.0	3.0	3.0	1.0	.0	4.0	5.0	5.0	4.0	4.0	3.0	1.0	6	2.0	6	3.0	3.0	5.0	6.0	13.0	10.0	8.0	24	13.0
23	7.0	5.0	4.0	6.0	7.0	8.0	7.0	4.0	4.0	10.0	27.0	35.0	38.0	34.0	29.0	29.0	23.0	23.0	26.0	30.0	27.0	23.0	22.0	19.0	24	38.0		
24	11.0	17.0	12.0	9.0	10.0	9.0	9.0	9.0	11.0	14.0	14.0	6	12.0	13.0	6	9.0	6	8.0	6	6.0	8.0	10.0	13.0	16.0	14.0	11.0	24	17.0
25	12.0	11.0	6.0	5.0	6.0	9.0	8.0	6.0	5.0	7.0	7.0	10.0	8.0	7.0	8.0	5.0	7.0	7.0	9.0	10.0	17.0	16.0	16.0	14.0	24	17.0		
26	8.0	9.0	11.0	7.0	6.0	13.0	8.0	13.0	10.0	8.0	11.0	13.0	18.0	6	13.0	6	16.0	6	10.0	6	10.0	6	7.0	6	10.0	6	24	18.0
27	4.0	6	2.0	6	2.0	6	2.0	6	2.0	6	2.0	6	3.0	6	.0	6	-1.0	6	-1.0	6	.0	6	-1.0	6	-1.0	24	6.0	
28	-3.0	-2.0	1.0	3.0	4.0	3.0	2.0	1.0	-1.0	6	-2.0	6	.0	6	.0	6	-2.0	6	1.0	6	5.0	6	1.0	6	2.0	6	24	12.0
29	7.0	5.0	6.0	4.0	2.0	.0	3.0	4.0	AX	2.0	1.0	6	4.0	6	6.0	6	3.0	6	4.0	6	4.0	6	6.0	6	9.0	6	24	20.0
30	6.0	7.0	5.0	6.0	7.0	6.0	5.0	9.0	6.0	3.0	3.0	6	5.0	6	4.0	6	3.0	6	9.0	6	9.0	10.0	10.0	13.0	10.0	24	13.0	
31																										0		
NO.:	30	30	30	30	30	30	30	30	27	29	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30			
MAX:	21.0	30.0	27.0	22.0	15.0	15.0	14.0	13.0	13.0	15.0	27.0	35.0	38.0	34.0	29.0	29.0	23.0	23.0	26.0	30.0	32.0	35.0	30.0	30.0				
AVG:	7.47	7.60	6.80	6.20	6.33	5.97	5.80	6.00	5.52	6.41	7.77	8.27	8.53	8.30	8.30	6.72	6.27	7.63	8.60	9.63	11.97	11.37	10.60	9.23				

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 7.82 MONTHLY MAX: 38.0

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.

(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) AOCR: (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 Environmental Quality
MONITOR TYPE: SLAMS

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2015

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	13.0	19.0	14.0	17.0	14.0	16.0	19.0	17.0	18.0	18.0	18.0	17.0	19.0	14.0	16.0	21.0	23.0	25.0	26.0	29.0	25.0	22.0	26.0	27.0	24	29.0				
2	22.0	21.0	19.0	25.0	20.0	21.0	19.0	18.0	20.0	12.0	13.0	7.0	11.0	7.0	3.0	2.0	2.0	2.0	4.0	5.0	4.0	12.0	7.0	5.0	24	25.0				
3	6.0	5.0	5.0	8.0	8.0	6.0	2.0	.0	2.0	1.0	2.0	3.0	6.0	5.0	2.0	1.0	4.0	5.0	5.0	6.0	9.0	7.0	7.0	24.0	24	24.0				
4	16.0	35.0	13.0	7.0	7.0	5.0	5.0	6.0	2.0	4.0	7.0	4.0	2.0	3.0	6.0	4.0	2.0	5.0	7.0	5.0	10.0	13.0	14.0	15.0	24	35.0				
5	12.0	6.0	4.0	3.0	10.0	8.0	4.0	5.0	5.0	4.0	5.0	4.0	1.0	-2.0	5.0	4.0	6.0	4.0	2.0	2.0	2.0	3.0	11.0	8.0	24	12.0				
6	7.0	7.0	8.0	6.0	3.0	3.0	4.0	5.0	6.0	7.0	7.0	6.0	6.0	11.0	12.0	13.0	18.0	11.0	15.0	9.0	13.0	15.0	17.0	14.0	24	18.0				
7	16.0	13.0	19.0	10.0	11.0	15.0	15.0	9.0	14.0	12.0	12.0	13.0	13.0	23.0	26.0	19.0	25.0	25.0	29.0	27.0	21.0	27.0	21.0	24.0	24	29.0				
8	19.0	18.0	21.0	14.0	15.0	13.0	19.0	12.0	20.0	22.0	28.0	19.0	10.0	6	14.0	6	11.0	17.0	6	17.0	6	14.0	12.0	15.0	14.0	23.0	19.0	24	28.0	
9	10.0	14.0	14.0	13.0	12.0	13.0	12.0	7.0	10.0	8.0	8.0	17.0	20.0	23.0	19.0	6	24.0	6	24.0	6	24.0	6	25.0	19.0	27.0	28.0	33.0	37.0	24	37.0
10	32.0	21.0	17.0	17.0	11.0	9.0	13.0	11.0	10.0	18.0	17.0	21.0	20.0	21.0	22.0	6	30.0	6	26.0	6	18.0	18.0	22.0	25.0	21.0	27.0	32.0	24	32.0	
11	29.0	23.0	19.0	15.0	16.0	18.0	15.0	14.0	14.0	15.0	15.0	19.0	24.0	28.0	18.0	16.0	14.0	13.0	9.0	11.0	10.0	9.0	11.0	13.0	24	29.0				
12	11.0	15.0	12.0	12.0	10.0	8.0	16.0	17.0	16.0	12.0	12.0	13.0	14.0	18.0	16.0	18.0	15.0	14.0	14.0	17.0	14.0	17.0	16.0	11.0	24	18.0				
13	11.0	13.0	11.0	13.0	13.0	9.0	10.0	9.0	8.0	17.0	9.0	16.0	11.0	15.0	6	10.0	6	14.0	6	8.0	8.0	15.0	10.0	15.0	21.0	19.0	17.0	24	21.0	
14	17.0	17.0	16.0	11.0	15.0	11.0	8.0	11.0	11.0	11.0	8.0	5.0	4.0	3.0	1.0	1.0	.0	5.0	7.0	4.0	5.0	6.0	12.0	10.0	24	17.0				
15	11.0	8.0	4.0	4.0	3.0	3.0	4.0	4.0	1.0	4.0	3.0	1.0	7.0	6.0	7.0	6.0	3.0	2.0	9.0	7.0	8.0	17.0	12.0	13.0	24	17.0				
16	11.0	8.0	6.0	10.0	7.0	5.0	4.0	6.0	4.0	AX	AX	AX	AX	AX	7.0	2.0	.0	1.0	-3.0	.0	2.0	6.0	13.0	15.0	19	15.0				
17	16.0	5.0	4.0	4.0	2.0	4.0	4.0	3.0	4.0	4.0	5.0	6.0	4.0	2.0	5.0	1.0	4.0	7.0	7.0	6	8.0	5.0	10.0	19.0	18.0	24	19.0			
18	12.0	10.0	8.0	6.0	5.0	3.0	4.0	4.0	13.0	9.0	9.0	9.0	6.0	9.0	7.0	5.0	10.0	9.0	10.0	9.0	13.0	6.0	11.0	13.0	24	13.0				
19	11.0	10.0	8.0	6.0	9.0	6.0	6.0	8.0	6.0	6.0	8.0	6.0	4.0	11.0	10.0	8.0	6	9.0	10.0	7.0	5.0	3.0	8.0	10.0	12.0	24	12.0			
20	8.0	8.0	9.0	7.0	9.0	11.0	8.0	7.0	6.0	6.0	6.0	6.0	4.0	8.0	9.0	8.0	6.0	4.0	2.0	3.0	.0	-5.0	-2.0	2.0	24	11.0				
21	.0	-2.0	-1.0	-2.0	-1.0	.0	-1.0	-2.0	.0	.0	-2.0	2.0	5.0	10.0	9.0	7.0	4.0	1.0	.0	2.0	6.0	5.0	2.0	.0	24	10.0				
22	5.0	6.0	2.0	2.0	2.0	3.0	2.0	2.0	3.0	2.0	5.0	5.0	7.0	8.0	6.0	6.0	5.0	4.0	5.0	6.0	8.0	8.0	11.0	7.0	24	11.0				
23	5.0	5.0	5.0	2.0	-1.0	.0	2.0	2.0	3.0	BA	5.0	5.0	3.0	3.0	2.0	-2.0	-1.0	8.0	6.0	5.0	4.0	1.0	3.0	2.0	23	8.0				
24	.0	.0	-2.0	-2.0	1.0	.0	.0	.0	2.0	8.0	2.0	4.0	3.0	.0	.0	.0	1.0	-1.0	2.0	8.0	15.0	18.0	15.0	15.0	24	18.0				
25	14.0	11.0	11.0	10.0	7.0	8.0	7.0	13.0	8.0	7.0	9.0	11.0	9.0	7.0	7.0	7.0	4.0	2.0	7.0	8.0	6.0	11.0	10.0	9.0	24	14.0				
26	8.0	8.0	10.0	6.0	8.0	5.0	1.0	5.0	7.0	13.0	8.0	6.0	8.0	13.0	8.0	5.0	7.0	8.0	8.0	8.0	7.0	7.0	7.0	8.0	24	13.0				
27	6.0	7.0	9.0	7.0	9.0	6.0	7.0	8.0	6.0	8.0	6.0	5.0	4.0	6.0	7.0	8.0	4.0	5.0	9.0	9.0	13.0	8.0	12.0	8.0	24	13.0				
28	7.0	10.0	10.0	8.0	7.0	7.0	7.0	8.0	5.0	5.0	5.0	5.0	6.0	13.0	8.0	8.0	9.0	12.0	11.0	9.0	10.0	19.0	17.0	10.0	24	19.0				
29	14.0	11.0	8.0	13.0	11.0	14.0	8.0	11.0	7.0	10.0	10.0	12.0	10.0	9.0	16.0	11.0	6	7.0	8.0	10.0	16.0	13.0	13.0	17.0	14.0	24	17.0			
30	16.0	13.0	8.0	8.0	16.0	11.0	12.0	8.0	6.0	9.0	BA	BA	BA	8.0	7.0	6.0	6	4.0	5.0	7.0	7.0	9.0	15.0	18.0	19.0	21	19.0			
31	13.0	12.0	9.0	9.0	10.0	7.0	4.0	5.0	7.0	6.0	5.0	6.0	4.0	3.0	8.0	5.0	.0	2.0	5.0	7.0	10.0	21.0	9.0	22.0	24	22.0				

NO.: 31 31 31 31 31 31 31 31 31 29 29 29 29 30 31 31 31 31 31 31 31 31 31 31
MAX: 32.0 35.0 21.0 25.0 20.0 21.0 19.0 18.0 20.0 22.0 28.0 21.0 24.0 28.0 26.0 30.0 26.0 25.0 29.0 29.0 27.0 28.0 33.0 37.0
AVG: 12.19 11.52 9.68 8.68 8.68 8.00 7.74 7.52 7.87 8.90 8.45 8.72 8.45 9.97 9.35 8.87 8.39 8.48 9.42 9.52 10.55 12.35 13.81 14.29

MONTHLY OBSERVATIONS: 735 MONTHLY MEAN: 9.65 MONTHLY MAX: 37.0

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2015

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	9.8	5.9	5.9	5.4	5.2	2.7	2.4	2.2	3.9	1.9	.5	2.9	3.1	.3	-.7	-.2	-.4	-1.4	2.6	14.4	16.7	20.7	10.8	24	20.7	
2	16.2	14.4	11.5	7.4	4.4	4.9	6.6	5.7	4.1	5.4	2.9	-1.2	.5	2.9	3.1	1.4	1.7	1.2	2.9	3.9	6.9	9.8	16.4	9.1	24	16.4	
3	9.3	7.4	2.7	5.4	3.4	3.2	5.7	4.9	3.2	5.1	5.6	4.9	4.6	2.6	.1	1.9	.7	-1.7	.1	5.9	5.4	13.7	8.9	8.1	24	13.7	
4	7.4	6.2	4.2	5.7	3.9	2.2	1.9	2.2	2.7	3.4	2.2	4.9	4.9	3.9	.9	2.6	6.1	5.1	8.8	9.3	12.2	12.4	13.5	7.9	24	13.5	
5	8.6	10.1	8.8	11.8	6.6	3.7	4.4	3.4	3.9	8.8	6.6	5.4	2.9	3.8	6.9	8.3	6.6	7.6	7.9	7.6	11.3	12.3	9.3	12.5	24	12.5	
6	10.3	6.2	4.7	12.3	8.4	7.1	8.8	9.1	.0	6.4	6.4	5.1	3.1	10.7	6.1	2.4	1.2	1.4	1.4	.0	.8	3.2	4.2	2.7	1.0	24	12.3
7	-.9	-.9	-.2	-.9	-2.1	-2.2	-3.4	-5.1	-3.9	-.9	-.7	-2.2	-2.6	-4.4	-3.1	-1.9	-1.0	-1.4	-2.9	2.2	5.9	4.4	9.3	4.4	24	9.3	
8	1.9	1.7	.8	1.4	1.0	.5	.5	-.2	-2.4	.0	-.4	-4.4	-4.9	-2.4	-1.7	-3.2	1.4	-.5	2.4	10.2	13.7	11.0	8.3	10.7	24	13.7	
9	12.0	8.1	4.9	2.6	1.7	1.4	1.9	4.1	3.6	6.4	4.1	.7	-.7	2.4	2.1	2.9	3.6	.9	1.6	3.6	8.5	9.3	6.6	4.9	24	12.0	
10	5.6	4.6	3.1	1.0	-.2	1.4	6.9	4.4	5.6	6.3	1.6	3.6	4.6	4.8	3.6	4.1	3.1	8.5	5.8	4.6	1.0	-2.2	2.7	.3	24	8.5	
11	-2.9	2.9	-.4	-3.1	1.0	.0	-1.7	-3.4	-4.6	2.7	.3	-1.4	1.7	4.3	3.9	6.3	3.6	4.1	2.9	3.4	6.4	8.1	7.1	4.1	24	8.1	
12	3.4	2.6	1.0	-.4	2.6	5.1	1.9	-1.7	-.2	-.4	-1.2	.5	.7	-1.2	1.0	1.9	1.2	1.2	6.4	4.9	6.7	5.9	7.9	24	7.9		
13	7.6	7.9	2.4	-2.1	-.4	-.2	2.4	3.9	AZ	AZ	2.2	-.9	-1.4	.9	2.6	1.7	-.2	-.2	-.7	4.9	4.6	3.7	2.2	.5	22	7.9	
14	-.9	2.9	3.9	4.6	3.4	2.2	3.7	1.9	-.9	.9	3.4	3.9	4.1	3.4	2.4	.6	-1.1	1.0	1.0	1.7	2.2	6.1	5.7	4.4	24	6.1	
15	2.9	3.0	1.9	-1.4	-1.1	-1.6	-3.6	-2.6	.1	.3	-1.1	-1.7	-1.2	1.7	2.2	2.9	1.2	1.9	1.5	2.7	3.7	6.4	5.2	2.7	24	6.4	
16	3.9	2.9	2.9	2.2	6.9	3.7	-.7	2.4	1.7	1.4	1.0	5.1	4.9	1.7	2.9	1.4	.8	3.9	1.9	5.1	10.0	7.7	6.7	5.1	24	10.0	
17	2.4	3.1	3.9	2.7	.3	1.0	2.7	6.4	2.9	.8	6.6	4.6	3.6	5.9	3.6	-.4	1.0	2.4	1.7	1.4	2.9	1.9	.1	-1.2	24	6.6	
18	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	
19	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	BA	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
20	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	
21	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BC	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
22	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
23	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
24	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
25	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
26	DL	DL	DL	DL	DL	DL	DL	BA	7.4	5.2	8.1	5.7	6.2	7.2	4.0	1.2	8.2	11.3	8.6	17.1	12.9	18.3	12.0	21.0	16	21.0	
27	11.5	6.9	15.6	8.1	5.9	10.3	7.4	11.8	8.4	10.8	9.1	16.1	6.2	5.7	7.0	7.4	11.8	15.1	5.7	20.5	12.9	12.7	8.9	13.6	24	20.5	
28	14.9	12.7	10.3	12.7	11.0	11.3	10.1	7.4	12.7	15.1	12.2	10.3	10.6	7.9	12.2	12.0	12.9	11.5	11.8	18.6	22.5	12.7	17.3	11.0	24	22.5	
29	15.1	13.7	17.3	16.9	7.7	10.3	16.9	10.8	14.2	13.7	10.3	11.8	9.8	7.9	9.4	8.4	9.1	9.8	12.2	19.3	21.5	15.9	18.8	12.0	24	21.5	
30	10.1	7.4	15.1	12.9	13.7	9.6	5.2	8.9	15.6	13.4	13.4	10.8	8.6	13.9	10.1	15.7	12.4	13.9	12.7	10.6	10.6	14.9	15.1	8.1	24	15.7	
31	11.0	9.1	9.3	7.2	13.2	10.6	8.6	6.7	7.9	11.0	11.3	6.5	6.0	4.7	2.7	2.3	1.0	2.5	4.2	6.7	9.1	13.2	9.6	6.7	24	13.2	
NO.:	22	22	22	22	22	22	22	22	22	22	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23		
MAX:	16.2	14.4	17.3	16.9	13.7	11.3	16.9	11.8	15.6	15.1	13.4	16.1	10.7	13.9	12.2	15.7	12.9	15.1	12.7	20.5	22.5	18.3	20.7	21.0			
AVG:	7.45	6.49	5.89	5.13	4.40	4.08	4.04	3.79	3.83	5.44	4.54	3.77	3.60	3.77	3.28	3.35	3.74	4.31	3.91	7.35	8.99	9.56	9.26	7.20			

MONTHLY OBSERVATIONS: 542 MONTHLY MEAN: 5.30 MONTHLY 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

May. 30, 2018

(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 Environmental Quality

MONITOR TYPE: SLAMS

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2015

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	6.0	10.1	7.2	5.0	4.7	3.2	3.5	2.0	3.2	3.2	1.7	2.7	4.2	5.0	4.0	5.0	4.2	1.7	5.5	9.6	6.7	5.0	8.4	7.7	24	10.1	
2	7.4	6.2	6.0	4.0	5.0	8.6	6.5	4.5	6.0	8.2	6.7	8.9	6.5	8.2	7.2	13.5	7.9	12.5	7.9	13.4	16.9	8.9	15.6	8.6	24	16.9	
3	12.2	9.8	8.4	9.1	10.1	9.1	10.6	7.0	11.8	10.3	BA	14.9	11.1	14.2	15.4	15.2	17.1	20.3	18.8	18.8	21.3	13.0	22.8	17.1	23	22.8	
4	16.1	12.9	14.9	12.9	12.7	18.1	18.5	17.6	15.4	14.4	16.1	18.1	17.3	10.1	10.8	11.8	15.7	11.1	20.3	17.8	19.6	23.5	14.7	21.3	24	23.5	
5	15.1	17.1	12.5	15.1	16.6	15.6	13.2	14.2	14.7	10.6	12.5	12.5	15.1	15.1	13.4	13.9	17.1	11.1	9.4	12.7	23.2	28.4	14.2	16.9	24	28.4	
6	15.9	12.5	15.2	12.0	15.9	9.6	11.0	14.9	18.1	9.6	14.2	17.4	11.6	12.7	10.8	12.7	9.8	8.4	11.1	20.3	29.6	23.0	13.2	20.3	24	29.6	
7	12.3	9.3	9.6	9.8	7.4	13.9	10.1	8.9	9.1	8.9	7.2	4.7	4.5	11.5	6.2	3.5	3.2	3.2	9.4	9.1	7.2	7.7	8.6	7.2	24	13.9	
8	7.9	4.0	8.2	6.7	8.2	7.0	6.0	7.9	7.7	6.0	9.6	7.0	5.7	4.2	3.3	3.3	6.5	6.0	6.0	6.2	6.7	6.5	5.2	2.5	24	9.6	
9	2.5	8.4	4.7	3.0	3.7	7.0	5.5	7.5	7.2	7.7	6.0	7.0	5.0	2.3	32.0	-4.6	-4.6	1.7	7.0	5.5	2.7	5.5	4.7	.3	24	32.0	
10	-.4	.6	-1.9	-1.1	.3	.1	-1.6	-.4	AX	5.7	2.2	3.0	5.0	7.9	8.6	7.9	8.6	8.6	6.5	3.7	3.7	2.0	4.5	6.9	23	8.6	
11	8.9	4.7	6.2	5.5	3.2	3.5	3.5	3.5	2.0	1.5	1.5	2.2	4.0	5.7	5.5	4.7	4.7	7.4	13.2	13.4	11.0	12.0	11.3	7.0	24	13.4	
12	4.5	4.7	3.0	1.7	3.2	4.7	2.7	2.2	9.4	8.4	6.5	6.5	5.5	3.5	1.7	1.0	2.7	2.2	9.4	16.1	13.9	11.3	9.3	16.9	24	16.9	
13	5.2	10.8	8.9	10.1	5.9	1.7	1.9	3.5	.7	-2.6	.3	3.2	2.0	-1.1	-.9	-.2	-1.1	2.7	5.5	4.2	5.7	5.9	5.4	4.2	24	10.8	
14	5.7	5.6	2.7	4.2	3.9	1.4	.2	2.2	2.7	4.0	4.7	2.5	.0	-2.8	-.9	-.6	-.9	3.5	4.2	2.7	2.7	3.5	3.5	.5	24	5.7	
15	2.0	4.2	2.2	1.7	3.4	2.2	2.7	4.5	4.5	3.2	1.2	5.2	5.0	2.7	4.0	5.2	3.7	4.2	7.0	4.5	5.0	4.2	1.5	5.5	24	7.0	
16	7.9	4.7	7.4	6.7	6.9	6.7	7.4	6.0	7.0	4.2	5.7	7.9	7.2	5.7	4.7	5.0	4.2	5.5	7.0	13.2	11.5	7.9	9.8	10.3	24	13.2	
17	7.0	11.0	7.4	11.5	10.8	7.2	5.2	13.9	9.3	5.2	AX	AX	7.2	6.0	3.5	7.5	5.2	2.3	12.2	8.4	10.8	7.9	5.5	5.7	22	13.9	
18	7.9	6.5	4.7	4.7	6.0	6.0	7.0	4.0	8.2	7.9	7.9	10.4	7.7	10.1	6.5	5.7	7.2	4.5	8.4	8.9	19.8	11.5	27.4	21.5	24	27.4	
19	19.3	16.6	12.0	7.2	5.5	6.5	8.9	6.7	6.2	7.9	5.2	4.2	6.0	4.7	3.0	7.0	9.4	7.5	7.2	7.4	10.6	19.1	25.7	24.9	24	25.7	
20	14.9	13.9	13.4	7.2	5.2	6.0	5.7	4.0	7.4	7.5	4.5	5.0	6.7	8.4	9.6	9.1	8.2	11.7	16.2	13.0	19.3	17.6	14.7	18.8	24	19.3	
21	16.6	12.0	9.6	8.2	12.0	11.7	9.1	6.0	13.7	12.0	10.8	8.2	7.4	8.6	6.0	6.2	8.4	7.9	17.6	11.1	8.6	7.7	7.9	7.7	24	17.6	
22	4.7	5.2	6.5	6.5	3.7	-1.4	.8	3.5	4.7	7.9	6.7	5.2	10.1	6.7	2.5	3.5	5.5	5.0	7.7	7.4	10.3	8.4	12.2	9.8	24	12.2	
23	8.2	5.7	2.5	2.0	4.5	6.5	5.5	5.2	5.5	5.0	3.2	6.0	5.0	7.2	5.2	2.5	5.5	4.7	6.5	11.3	7.7	5.7	6.0	13.9	24	13.9	
24	7.4	2.7	4.0	9.3	5.7	3.2	2.7	2.2	2.0	3.0	AX	AX	9.1	5.2	1.7	4.2	5.7	6.7	8.2	7.4	13.9	7.7	2.7	3.5	22	13.9	
25	2.8	1.2	2.5	1.5	7.0	6.7	3.2	4.0	3.5	5.2	4.5	2.7	3.5	1.7	-.9	.0	1.7	1.5	5.2	4.5	3.5	5.0	4.0	4.7	24	7.0	
26	6.0	4.0	3.5	1.7	3.5	4.5	1.5	-.6	.3	3.0	3.3	4.5	3.3	1.3	1.0	3.7	2.5	2.0	1.3	3.7	1.7	2.2	2.5	1.8	24	6.0	
27	3.3	.8	2.2	3.5	2.3	1.0	2.2	4.2	3.7	5.2	3.5	1.5	1.0	.3	2.3	2.5	4.2	3.8	.5	2.0	8.7	4.0	5.2	6.5	24	8.7	
28	6.0	3.7	3.5	3.2	3.7	3.2	3.2	3.0	7.4	5.7	4.7	2.0	-.6	3.0	4.3	2.3	1.3	1.3	2.8	4.3	2.3	1.8	1.8	-.9	24	7.4	
29	.1	4.8	2.0	.8	4.0	4.7	.5	-1.4	.3	.1	1.5	.4	-.4	.1	-2.6	-.9	1.3	.6	-.4	-.9	.5	.6	3.7	3.3	24	4.8	
30	4.5	3.7	1.0	-.4	-.6	-.4	.3	.8	.3	2.2	3.5	2.7	1.5	2.5	3.0	2.3	2.0	2.3	2.5	2.5	1.3	3.0	3.7	3.7	24	4.5	
31																										0	
NO.:	30	30	30	30	30	30	30	30	29	30	27	28	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	19.3	17.1	15.2	15.1	16.6	18.1	18.5	17.6	18.1	14.4	16.1	18.1	17.3	15.1	32.0	15.2	17.1	20.3	20.3	20.3	29.6	28.4	27.4	24.9			
AVG:	7.93	7.25	6.33	5.78	6.15	5.93	5.25	5.38	6.62	6.04	5.76	6.30	5.91	5.69	5.70	5.10	5.56	5.73	8.14	8.74	10.21	9.02	9.19	9.27			

MONTHLY OBSERVATIONS: 714 MONTHLY MEAN: 6.80 MONTHLY MAX: 32.0

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

May. 30, 2018

(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 Environmental Quality
MONITOR TYPE: SLAMS

REPORT FOR: OCTOBER 2015

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 Environmental Quality

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	2.7	1.0	1.0	1.0	2.0	2.7	.8	.1	.8	3.2	1.7	2.0	3.5	5.0	5.7	5.2	2.7	-.1	1.5	2.7	3.7	3.2	.8	1.2	24	5.7																				
2	4.0	-1.1	-4.1	-1.1	-.6	-1.6	3.0	2.2	-.6	.5	.8	-.4	.3	.1	.8	1.7	.1	1.5	4.0	1.7	.3	1.7	2.2	2.7	24	4.0																				
3	1.2	-.2	1.0	2.5	1.5	2.0	.5	.3	1.0	1.7	1.0	.3	1.7	1.2	1.0	.5	1.7	1.2	1.5	1.2	-.6	-1.6	-.6	.5	24	2.5																				
4	.5	1.0	1.2	1.0	1.0	.1	1.2	3.5	2.0	5.5	5.0	4.7	4.0	2.2	4.7	4.5	3.7	3.7	1.7	3.7	3.7	3.7	3.2	3.2	24	5.5																				
5	2.5	2.0	5.0	3.5	-.9	1.0	3.0	4.2	2.5	.1	-.9	-.1	1.0	-1.1	.8	1.0	.8	3.7	3.5	10.8	6.2	3.2	1.2	-.4	24	10.8																				
6	1.2	4.5	4.0	3.0	2.2	3.2	.8	1.0	2.2	6.0	3.5	-.1	1.5	.8	.3	4.5	2.8	5.0	6.7	6.2	7.4	16.1	1.2	1.7	24	16.1																				
7	.7	2.5	5.2	5.9	2.2	-.9	1.0	2.7	2.7	3.7	3.7	3.5	3.0	1.5	.3	4.0	3.0	3.0	3.7	3.2	7.2	7.9	5.5	4.2	24	7.9																				
8	5.7	7.9	5.2	2.0	4.0	1.5	-.2	2.7	3.0	AX	5.4	9.3	7.4	4.5	4.0	5.0	7.2	14.4	15.4	8.6	20.3	15.4	7.4	7.7	23	20.3																				
9	8.9	5.7	6.7	5.5	3.5	3.7	7.0	7.4	6.9	7.2	9.6	7.2	8.9	8.4	10.1	9.1	7.9	11.1	15.4	12.2	9.6	12.7	9.8	6.2	24	15.4																				
10	8.2	8.9	5.5	5.0	2.2	2.5	6.0	2.2	3.0	4.2	4.5	3.0	2.2	3.2	1.7	2.0	3.7	2.5	-2.6	.0	2.5	4.5	3.0	3.0	24	8.9																				
11	3.7	.8	-.4	1.0	2.0	3.2	2.5	2.5	4.5	2.2	3.0	4.7	1.5	-1.6	-.4	-.4	1.5	2.0	5.0	12.9	9.8	10.3	6.0	7.4	24	12.9																				
12	5.0	8.6	6.7	7.0	4.2	.5	3.2	1.0	1.2	2.7	2.0	2.7	2.5	.7	1.0	2.2	2.2	6.2	5.7	11.2	10.3	10.8	11.5	7.7	24	11.5																				
13	11.2	7.4	6.5	6.7	7.2	8.4	5.0	5.5	5.0	7.0	9.1	7.0	4.5	3.5	.8	8.2	5.0	3.5	5.7	12.5	15.4	8.9	10.6	6	8.9	6	24	15.4																		
14	7.0	6	3.2	6	2.7	6	5.2	6	3.0	6	5.0	6	3.2	6	1.7	6	1.7	6	2.7	5.2	3.7	1.5	2.5	3.5	3.5	1.5	.3	8.4	5.2	3.0	3.5	6	6.9	6	4.7	6	24	8.4								
15	7.9	6	5.2	6	2.0	6	3.9	6	2.2	6	.7	6	3.0	6	1.5	6	.7	6	2.7	6	4.7	6	4.5	4.5	4.5	4.7	7.7	4.3	2.0	3.3	4.8	3.5	2.3	7.7	8.1	6	9.6	6	9.3	6	10.8	6	7.9	6	24	10.8
16	4.5	6	5.0	4.7	6	3.0	6	4.0	6	3.7	6	5.9	6	5.5	6	4.5	4.5	4.7	7.7	4.3	2.0	3.3	4.8	3.5	2.3	7.7	8.1	6	9.6	6	9.3	6	10.8	6	7.9	6	24	10.8								
17	9.1	6	14.2	6	15.9	6	10.8	6	5.5	6	1.7	6	2.5	6	2.7	6	3.7	6	3.8	3.3	1.8	1.3	.6	-.7	.3	2.8	2.8	4.5	19.1	6	24.2	6	16.4	6	20.8	6	17.1	6	24	24.2						
18	15.1	6	10.1	6	10.8	6	8.9	6	8.9	6	7.7	6	6.0	6	3.2	6	3.7	6	5.7	5.0	.8	.5	1.5	.1	.0	.5	.3	-.2	2.2	6	4.5	6	13.0	6	8.4	6	5.5	6	24	15.1						
19	8.7	6	7.9	6	7.2	6	11.7	6	6.7	6	1.0	6	1.2	6	3.7	6	4.5	3.0	3.3	2.0	1.3	1.3	-.2	-.4	.3	2.8	5.3	7.0	6	13.4	6	13.7	6	10.8	6	6.0	6	24	13.7							
20	9.4	6	8.9	6	10.8	6	13.2	6	7.9	6	7.9	6	6.0	6	6.2	6	10.6	6	34.1	83.0	12.0	9.2	6.5	3.3	2.0	2.0	3.8	6.7	10.5	11.7	6	10.8	6	11.7	6	13.7	6	24	83.0							
21	7.7	6	7.2	6	5.0	6	5.7	6	5.0	6	4.5	6	5.2	6	6.5	6	5.7	6	5.5	5.0	3.3	2.0	.8	-.4	-1.1	.8	7.3	7.7	5.0	7.2	9.1	6	9.1	10.3	24	10.3										
22	9.1	11.5	7.2	6	11.1	6	9.1	6	7.4	6	5.0	6	3.8	6	3.7	6	5.3	BA	BA	BA	16.0	7.3	6.5	5.8	8.9	10.6	17.4	8.7	8.2	11.3	18.6	21	18.6													
23	18.3	11.5	7.2	4.5	7.0	6.7	5.7	6.2	13.9	8.9	6.8	5.1	3.1	1.1	4.6	4.5	6	2.3	4.0	7.3	6.3	13.7	14.2	10.5	12.2	24	18.3																			
24	25.2	21.3	11.0	21.8	11.0	13.7	11.5	10.4	10.2	10.6	7.7	7.5	9.4	13.0	15.2	14.7	17.0	15.0	16.4	20.9	15.7	18.1	21.1	21.1	24	25.2																				
25	10.8	10.1	11.8	9.2	9.4	10.3	9.7	9.4	11.5	11.1	8.9	9.7	7.3	6.8	11.0	8.5	18.9	15.7	15.7	17.7	12.8	8.2	21.1	13.5	24	21.1																				
26	9.9	12.5	11.1	12.3	10.3	9.7	9.4	8.9	11.3	7.3	4.5	1.8	2.8	5.3	4.5	3.8	3.3	3.5	4.5	4.8	9.4	6.8	3.8	1.3	24	12.5																				
27	2.0	5.2	3.8	3.0	.5	.8	2.7	2.5	.8	.1	-.7	-.8	1.5	.8	-.9	-1.1	-.2	2.1	2.0	2.1	2.0	-.2	-.6	1.3	24	5.2																				
28	2.0	.8	.6	1.0	-.7	-1.4	-.7	-.6	1.3	3.8	2.5	1.8	1.6	-.9	.1	3.0	3.5	2.3	1.3	9.6	7.5	5.3	3.3	.8	24	9.6																				
29	3.0	5.8	3.3	2.8	2.5	2.8	3.0	5.5	6.0	7.2	4.5	2.5	7.3	6.5	8.0	4.5	2.3	3.0	19.8	20.6	15.1	6	6.5	10.1	9.6	24	20.6																			
30	7.2	6.7	7.0	4.0	2.3	3.0	1.5	-1.1	-1.1	-.1	.0	-2.3	-.9	-.2	-1.8	.8	2.0	1.3	8.0	11.3	8.7	8.9	10.4	18.6	24	18.6																				
31	9.2	7.2	7.7	7.2	7.0	8.2	7.2	6.2	7.7	4.0	.3	4.3	6.3	4.3	7.3	9.4	11.8	30.6	25.5	20.6	16.4	18.9	11.0	12.5	24	30.6																				
NO.:	31	31	31	31	31	31	31	31	31	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31	24	31																			
MAX:	25.2	21.3	15.9	21.8	11.0	13.7	11.5	10.4	13.9	34.1	83.0	12.0	9.4	16.0	15.2	14.7	18.9	30.6	25.5	20.9	24.2	18.9	21.1	21.1	24	25.2																				
AVG:	7.15	6.56	5.59	5.88	4.26	3.86	3.93	3.79	4.34	5.47	6.57	3.57	3.39	3.15	3.07	3.53	4.09	5.47	7.21	9.08	9.25	8.98	8.02	7.55	24	7.55																				

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 5.58 MONTHLY MAX: 83.0

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

May. 30, 2018

(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 Environmental Quality

MONITOR TYPE: SLAMS

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2015

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	11.0	11.3	7.7	8.7	7.2	8.9	9.2	8.9	5.5	7.3	7.5	7.0	7.0	6.0	4.0	3.3	6.0	8.2	7.5	10.1	10.3	6.5	5.0	2.8	24	11.3	
2	1.3	1.5	.3	1.3	5.1	3.8	3.0	2.3	AN	1.6	1.5	1.6	-1.1	-3.0	-.4	2.6	3.8	1.8	1.1	1.1	-.2	.6	1.0	.6	23	5.1	
3	.6	.6	.6	1.3	2.8	.8	1.5	6.8	6.5	5.0	6.3	3.6	1.5	5.0	3.1	3.3	2.3	-.2	3.1	7.3	3.3	4.0	6.0	5.8	24	7.3	
4	2.5	.3	1.5	7.3	18.4	9.4	6.5	3.5	11.8	AZ	AZ	1.6	1.8	1.3	.1	.8	-.2	-.4	2.8	12.7	20.1	6.0	10.6	4.0	22	20.1	
5	11.0	6.8	3.8	2.5	3.0	7.2	4.5	2.5	3.0	1.3	5.5	2.8	3.5	4.3	4.5	3.5	4.8	3.8	5.0	5.3	3.5	1.5	5.3	4.5	24	11.0	
6	2.3	1.3	4.8	3.0	.3	.8	3.5	3.8	2.6	.6	-.2	1.3	3.8	3.5	3.6	1.6	-.2	4.3	4.5	6.0	8.9	9.9	6.8	7.3	24	9.9	
7	3.8	1.3	5.8	4.5	4.8	3.8	2.3	3.5	2.3	2.8	2.5	2.3	2.8	2.3	2.8	2.6	1.5	2.3	3.5	4.5	4.0	2.8	1.0	.0	24	5.8	
8	2.8	1.8	1.0	4.5	2.0	-.2	1.3	2.5	1.5	2.3	2.5	2.8	1.0	1.5	3.0	1.0	.6	3.5	4.0	4.8	3.7	3.0	2.8	2.8	24	4.8	
9	2.8	5.2	6.0	3.3	1.5	1.5	3.3	3.0	2.0	1.8	3.5	2.3	-.3	.3	-.2	-.6	1.5	1.0	.3	8.0	6.5	5.0	6.0	4.8	24	8.0	
10	1.8	-.4	2.3	2.0	3.5	1.8	-3.5	-3.3	2.0	-.2	-1.1	.1	-4.0	-2.5	-.2	-.4	-1.3	-1.3	5.0	4.0	1.0	2.5	5.5	4.8	24	5.5	
11	4.0	3.8	2.5	1.3	-.1	2.0	-.6	-.4	3.5	3.5	2.5	1.4	2.3	3.8	.9	.4	1.3	2.8	6.0	20.8	9.1	9.6	15.2	11.1	24	20.8	
12	15.7	9.6	7.2	5.8	6.2	5.7	4.8	4.0	4.3	8.7	8.4	6.3	2.8	2.3	3.3	1.1	4.0	7.5	6.0	3.3	1.8	3.3	4.8	4.3	24	15.7	
13	2.3	2.0	1.6	.6	1.3	1.1	1.1	2.8	5.8	3.5	.6	-.4	-.1	-2.5	-3.0	-1.8	-3.0	1.1	3.5	1.8	.4	1.1	2.8	2.0	24	5.8	
14	-1.1	-1.3	2.8	3.3	3.5	2.8	3.0	3.0	5.3	5.5	1.8	-1.6	-2.1	-1.8	-1.6	-3.5	-3.8	2.8	27.0	10.4	31.8	19.6	36.3	23.1	24	36.3	
15	12.6	11.8	9.4	11.3	9.4	9.9	8.7	10.4	15.2	5.5	8.2	4.5	3.0	3.5	1.1	2.0	3.3	13.2	18.6	10.6	15.0	19.4	15.5	9.2	24	19.4	
16	16.7	8.9	12.1	8.2	8.9	9.2	6.3	6.5	13.0	9.7	8.0	5.0	2.5	1.8	3.1	23.8	29.2	24.2	30.2	25.2	29.4	26.5	28.9	25.7	24	30.2	
17	37.3	26.2	19.6	23.3	17.4	14.0	18.1	16.7	11.5	AX	12.3	8.0	7.3	5.3	4.1	4.5	3.5	5.3	4.3	3.6	3.0	4.3	4.3	8.2	23	37.3	
18	5.3	2.6	-.9	.8	1.3	-1.3	2.8	3.8	1.3	.3	2.3	1.3	1.8	.1	-2.1	.3	-1.3	-2.3	-.2	-.1	-2.1	-.9	1.3	3.8	24	5.3	
19	2.3	1.3	2.8	3.1	1.8	-1.1	-.4	3.0	.8	.3	3.3	2.8	1.3	.8	2.1	-1.4	-1.9	-.4	5.3	6.5	7.0	7.0	6.0	6.0	24	7.0	
20	6.5	4.8	4.5	4.3	3.8	5.3	5.5	1.5	2.1	5.8	4.8	2.8	.1	-1.8	-.4	2.6	1.8	3.0	9.4	9.7	57.0	31.1	13.5	10.1	24	57.0	
21	13.7	10.6	8.4	8.0	8.0	7.0	6.0	5.0	5.3	3.5	4.5	2.6	1.5	1.8	-.2	3.5	2.5	4.0	5.0	4.8	8.5	9.2	5.0	-.2	24	13.7	
22	1.5	4.8	2.8	6.0	4.3	2.3	1.1	1.1	1.6	1.0	.8	1.0	1.0	1.5	1.3	-.2	-.8	-.4	3.3	2.8	3.8	6.3	7.3	8.2	24	8.2	
23	8.7	6.5	6.3	6.0	6.0	6.0	5.3	3.8	5.0	4.3	3.8	1.1	-.6	-.2	4.3	8.5	10.1	10.6	25.5	12.0	8.7	9.4	7.5	5.0	24	25.5	
24	4.0	4.5	6.8	8.0	6.5	5.0	4.5	2.5	13.7	10.9	7.0	6.5	5.0	2.1	.6	.8	-.4	14.2	11.8	11.1	25.7	58.2	31.6	34.9	24	58.2	
25	28.5	27.7	14.2	11.0	10.6	9.4	12.3	16.9	18.6	6.0	8.0	5.0	.6	1.1	4.8	4.3	6.8	8.0	18.6	18.4	30.4	27.2	27.2	24.5	24	30.4	
26	24.3	25.5	15.7	18.4	14.2	14.0	14.2	14.5	19.4	5.8	5.1	.3	.6	2.8	.6	2.3	2.8	1.3	6.0	5.8	9.2	8.7	7.7	6.8	24	25.5	
27	8.0	6.5	6.3	4.3	5.8	4.3	4.3	7.3	8.9	9.9	6.5	3.6	5.5	3.3	.4	.3	1.3	5.3	4.1	11.3	12.3	13.0	19.4	9.6	24	19.4	
28	14.5	13.3	14.0	16.7	11.5	11.3	6.5	4.0	6.8	8.2	5.6	3.8	4.3	4.6	4.1	4.8	9.1	16.5	8.9	8.7	7.5	5.5	10.8	13.3	24	16.7	
29	12.8	14.5	12.5	10.6	8.9	9.7	6.3	7.0	10.8	9.9	7.7	4.8	7.5	7.0	4.3	2.3	4.6	15.9	4.5	9.2	8.0	10.1	9.8	6.0	24	15.9	
30	6.0	4.0	.1	.6	.6	1.8	2.1	1.3	4.1	4.8	2.1	-.9	-.6	.3	-.9	1.1	4.5	2.6	.1	7.0	4.8	9.7	12.0	8.2	24	12.0	
31																										0	
NO.:	30	30	30	30	30	30	30	30	29	28	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	37.3	27.7	19.6	23.3	18.4	14.0	18.1	16.9	19.4	10.9	12.3	8.0	7.5	7.0	4.8	23.8	29.2	24.2	30.2	25.2	57.0	58.2	36.3	34.9			
AVG:	8.78	7.24	6.08	6.33	5.95	5.21	4.78	4.94	6.70	4.63	4.53	2.78	1.99	1.82	1.57	2.45	3.08	5.27	7.82	8.22	11.08	10.67	10.56	8.57			

MONTHLY OBSERVATIONS: 716 MONTHLY MEAN: 5.88 MONTHLY MAX: 58.2

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2015

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	3.8	5.0	10.3	6.0	2.8	4.5	3.0	-1.1	1.6	3.8	4.0	2.1	4.5	8.0	7.7	8.7	11.0	8.0	8.7	6.0	3.6	4.3	2.5	1.0	24	11.0	
2	1.5	-7	-2.1	.3	3.0	3.5	.1	-4	1.5	1.3	1.8	-.2	1.8	4.3	2.8	4.0	2.0	.1	.8	1.3	.5	1.3	1.0	.5	24	4.3	
3	3.3	4.3	3.8	5.0	4.0	3.8	5.5	4.3	AX	AX	AX	AX	AX	AX	1.3	-.4	.0	7.5	9.9	8.9	7.9	6.2	5.8	17	9.9		
4	5.0	4.5	7.2	6.2	6.7	4.8	7.0	8.2	8.9	8.9	6.7	3.8	.8	2.8	1.5	-.4	2.3	21.8	10.1	20.1	13.7	11.5	7.5	13.5	24	21.8	
5	14.7	10.1	6.2	11.5	10.6	9.6	12.7	11.1	9.9	10.9	7.5	4.5	2.0	1.0	1.3	.8	.6	10.6	6.5	6.5	8.2	8.2	14.5	18.4	24	18.4	
6	18.6	11.5	14.9	13.7	14.9	11.3	7.7	9.6	11.8	12.5	6.5	2.0	2.3	.3	-.4	.6	2.0	4.0	4.5	7.7	15.4	15.2	13.0	11.5	24	18.6	
7	8.5	14.0	14.7	13.7	12.8	11.8	14.2	8.2	4.0	7.3	5.0	3.6	5.3	4.3	4.8	3.6	8.9	7.2	11.0	10.9	11.5	8.9	13.5	15.7	24	15.7	
8	20.6	14.0	15.2	11.1	9.4	8.2	10.1	8.9	8.0	8.2	6.5	7.3	7.3	5.5	4.0	5.3	5.5	4.5	14.2	9.2	16.4	10.4	12.0	8.9	24	20.6	
9	13.5	10.4	11.5	9.2	8.5	8.9	6.8	9.2	8.0	4.5	10.9	10.6	9.4	8.9	9.6	11.0	27.5	22.7	24.5	19.4	17.9	22.3	17.4	24.2	24	27.5	
10	27.2	27.0	17.9	18.9	11.3	15.9	11.1	15.2	16.2	12.5	14.0	19.4	11.8	10.4	9.7	7.5	8.5	12.5	14.7	11.8	8.2	11.5	14.5	15.0	24	27.2	
11	16.9	11.5	15.0	10.4	19.1	10.2	11.8	14.2	15.5	15.5	17.2	9.0	16.0	6.8	5.8	6.0	5.3	6.0	5.1	8.0	8.5	7.3	13.0	11.1	24	19.1	
12	10.4	6.5	15.0	9.4	8.0	9.4	7.0	7.3	4.3	10.6	8.5	9.2	5.1	3.8	7.3	10.6	8.2	11.6	19.6	16.7	14.5	22.1	12.8	13.5	24	22.1	
13	18.6	10.6	9.7	10.9	7.5	5.8	4.3	9.9	8.7	9.4	7.0	4.8	5.8	6.0	5.8	5.1	6.3	4.8	3.5	5.8	7.3	5.8	7.2	7.3	24	18.6	
14	3.8	1.3	2.8	-.6	-1.1	.6	-.6	-.6	.1	1.8	-.1	-2.0	-1.1	-.4	-.4	-1.0	-1.8	-.1	6.5	4.8	4.5	8.9	4.8	2.0	24	8.9	
15	1.3	-1.3	.2	2.5	-.6	1.3	3.0	1.0	4.3	3.3	.3	-1.1	2.1	1.3	6	-.4	-1.3	.3	8.2	4.8	.3	5.5	6.0	3.0	1.3	24	8.2
16	1.0	.8	3.3	4.8	6.3	2.8	.8	3.8	6.0	AX	AX	AX	AX	AX	1.6	3.5	14.7	8.9	6.3	5.0	13.0	16.7	16.4	18	16.7		
17	13.5	14.9	13.0	14.2	10.4	9.4	6.8	6.5	4.8	3.8	4.3	3.3	5.8	5.5	5.8	2.0	1.1	1.5	-.6	2.0	3.3	4.8	6.8	7.7	24	14.9	
18	5.0	4.8	4.0	2.8	1.0	-.1	1.5	1.5	1.8	2.3	5.0	3.8	3.0	2.0	5.3	4.0	3.5	3.8	2.5	-.1	2.5	1.3	2.5	2.8	24	5.3	
19	2.3	2.0	5.8	4.3	4.5	5.3	3.3	.8	1.0	.8	1.0	1.3	-.2	-.8	-.8	-2.3	.1	2.0	.5	4.0	2.0	7.7	8.7	15.4	24	15.4	
20	13.5	17.9	7.5	10.1	11.5	14.0	12.7	8.4	18.8	8.4	6.8	5.0	2.0	-1.6	.6	1.5	5.3	6.3	5.5	11.5	15.7	13.7	13.7	14.7	24	18.8	
21	10.6	13.5	9.9	10.1	7.5	8.9	6.0	6.0	4.5	4.8	4.0	4.0	3.0	4.5	8.9	10.6	10.6	20.6	22.1	18.4	13.5	19.9	18.1	19.1	24	22.1	
22	13.3	10.1	14.2	13.5	9.2	9.9	5.8	3.0	4.0	4.8	8.5	5.8	4.3	4.3	2.1	1.3	2.8	8.0	8.2	8.5	13.0	11.8	7.0	4.5	24	14.2	
23	7.0	8.7	8.2	7.5	5.3	7.0	5.0	3.3	3.6	2.1	1.8	4.0	3.3	2.8	20.1	8.2	8.7	9.4	8.7	6.5	4.5	3.3	2.5	6.5	24	20.1	
24	4.8	2.3	2.8	1.3	-1.3	-.1	.1	-1.0	-2.3	.1	4.0	3.8	2.3	2.0	10.1	6.3	2.6	7.7	4.8	3.3	2.8	4.0	3.0	1.3	24	10.1	
25	1.8	11.6	5.5	-.8	-.3	1.5	3.5	5.3	2.3	1.8	2.8	1.8	1.1	.1	2.8	4.0	5.5	7.0	5.0	3.3	2.3	2.3	2.8	1.3	24	11.6	
26	2.0	5.3	4.3	.6	-1.1	-1.1	2.3	2.3	1.5	2.0	.6	1.3	.6	1.5	1.3	2.8	5.0	2.8	.3	.3	4.5	7.5	6.5	3.5	24	7.5	
27	3.5	1.3	.5	.6	-.4	-.8	.1	.8	2.3	1.8	.4	.1	-2.0	.6	-.2	-2.1	5.0	4.3	4.5	7.2	7.7	5.0	2.8	1.8	24	7.7	
28	1.3	-.8	-1.6	.3	-1.6	-.6	.6	4.8	2.5	1.3	2.0	1.8	1.3	1.0	.8	.8	2.8	3.3	2.3	2.3	4.0	3.0	1.3	2.0	24	4.8	
29	.3	.1	-1.1	3.5	3.5	1.5	.1	-.6	.3	AX	AX	9.1	5.7	1.0	2.3	2.8	-.4	.1	4.8	15.7	7.5	6.7	5.5	7.7	22	15.7	
30	6.5	5.2	3.3	4.0	3.7	3.5	2.5	3.5	3.0	2.5	3.5	3.5	4.3	4.3	5.0	3.8	1.8	3.0	3.5	3.8	3.3	6.0	8.0	6.7	24	8.0	
31	4.0	.1	-.4	.6	3.5	3.5	3.0	2.3	-1.3	.8	4.8	2.8	4.0	2.0	.1	.4	2.5	1.5	1.0	2.0	3.5	3.3	1.0	.8	24	4.8	
NO.:	31	31	31	31	31	31	31	31	30	28	28	29	29	29	29	31	31	31	31	31	31	31	31	31	31		
MAX:	27.2	27.0	17.9	18.9	19.1	15.9	14.2	15.2	18.8	15.5	17.2	19.4	16.0	10.4	20.1	11.0	27.5	22.7	24.5	20.1	17.9	22.3	18.1	24.2			
AVG:	8.33	7.31	7.15	6.63	5.76	5.62	5.09	5.02	5.19	5.28	5.19	4.29	3.85	3.18	4.25	3.47	4.73	7.03	7.23	7.53	7.73	8.55	8.06	8.45			

MONTHLY OBSERVATIONS: 729 MONTHLY MEAN: 6.07 MONTHLY MAX: 27.5

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2015

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					10.9				
2		3.4				6.2	20.7				5.2	4.6
3	7.0			8.7	9.6				13.0	1.0 V		
4			6.2					8.2				
5		5.8				AS	9.6				10.7	9.9
6	4.4			6.9	7.7				4.2	3.1		
7			8.1					6.7				
8		10.6				AS	12.0				6.2	8.4
9	9.1			6.4	5.3				6.5	10.5		
10			8.0					7.3				
11		9.9	7.3			AS	9.7				6.2	16.2
12	5.7			7.7	15.1				10.1	7.0		
13			5.3					10.8				
14		7.0				AS	5.6				6.2	3.5
15	9.2			4.1	9.1 V				7.6	5.5		
16			4.4					12.4				
17		7.8				AS	9.6				11.0	5.9
18	6.4			8.0	9.6				8.1	3.9		
19			8.5					5.6				
20		8.4 V				AN	11.6				3.9	8.2
21	11.8			5.6	8.7				6.4	10.7		
22			12.4					7.7				
23		12.3				15.5	11.5				7.6	1.7 V
24	3.4			4.8	9.8				3.6	8.7		
25			7.4					9.9				
26		9.3				13.4	12.7				6.3	5.9
27	5.0			5.3	5.9	6.7			3.5	3.1		
28			3.6					9.2				
29						8.5	7.7				12.0	3.6
30	4.3			5.3 V	5.8				5.4	6.0		
31			6.7					8.2				
NO.:	10	9	12	10	10	5	10	11	10	10	10	10
MAX:	11.8	12.3	12.4	8.7	15.1	15.5	20.7	12.4	13.0	10.7	12.0	16.2
MEAN:	6.63	8.28	7.33	6.28	8.66	10.06	11.07	8.81	6.84	5.95	7.53	6.79
ANNUAL OBSERVATIONS:		117		ANNUAL MEAN:	7.75	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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS

REPORT FOR: JANUARY 2015

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 Environmental Quality

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	36.6	40.2	39.7	41.7	32.6	27.8	34.4	36.9	30.4	24.4	7.8	7.8	9.5	8.0	9.8	12.2	13.9	18.5	20.2	18.5	18.2	18.5	16.5	15.8	24	41.7												
2	17.3	20.0	18.0	12.0	10.5	13.1	18.0	16.6	17.3	16.5	16.3	15.1	11.0	6.8	10.8	12.2	9.8	12.4	9.3	13.1	14.6	23.9	18.3	19.2	24	23.9												
3	18.3	17.5	17.8	15.6	14.3	17.0	13.4	12.5	12.0	11.2	8.3	6.8	6.1	6.6	6.3	4.1	5.1	3.9	4.6	7.6	4.6	11.5	11.0	8.5	24	18.3												
4	9.0	9.0	6.8	6.8	4.9	3.4	3.7	2.7	6.6	7.7	9.0	11.9	10.0	5.6	4.1	5.8	3.4	4.9	7.3	7.8	6.6	5.4	8.0	5.4	24	11.9												
5	2.9	3.0	7.3	5.6	5.1	4.4	5.6	9.0	8.1	6.6	4.1	4.4	4.2	5.6	5.4	6.8	7.3	7.8	7.8	6.1	7.6	6.6	5.6	3.7	24	9.0												
6	5.9	4.7	6.3	6.1	7.6	6.1	7.1	9.3	8.1	7.8	5.1	5.4	BA	BA	6.3	7.3	8.5	7.5	9.8	9.5	9.5	8.6	7.3	8.3	22	9.8												
7	6.8	6.8	5.4	4.2	10.3	10.8	11.3	9.6	17.0	7.6	8.8	9.3	10.0	8.8	7.3	5.1	8.1	9.3	6.3	5.9	7.4	9.6	8.4	6	6	24	17.0											
8	6.7	6	5.5	6	7.0	6	6.2	6	4.3	6	2.9	6	6.3	6	8.2	6	4.5	6	6.1	5.9	5.6	10.8	9.1	8.1	8.5	15.3	13.2	14.8	10.5	8.8	24	15.3						
9	14.6	12.3	8.8	10.8	7.8	12.0	11.5	15.8	12.5	9.8	9.3	8.6	8.3	11.8	11.2	10.3	10.0	11.0	15.6	18.0	18.5	14.8	11.7	14.8	24	18.5												
10	11.5	12.5	9.5	10.8	8.5	8.8	10.8	10.1	8.8	7.6	7.6	5.1	4.7	5.6	4.7	4.7	7.1	10.1	14.1	15.6	18.0	29.5	21.5	23.7	24	29.5												
11	23.4	26.8	32.4	32.9	30.9	30.2	28.0	32.7	27.3	24.9	13.9	13.0	10.8	8.1	7.3	12.0	14.1	21.2	15.6	17.3	19.0	16.3	14.6	12.0	24	32.9												
12	7.6	7.3	9.8	10.5	12.4	11.5	11.8	8.1	7.1	5.6	4.7	6.8	9.3	6.8	7.3	10.8	10.0	10.5	10.3	10.5	10.8	13.4	14.1	13.4	24	14.1												
13	13.4	14.4	15.8	10.1	10.3	9.8	8.3	6.8	15.3	12.0	16.8	13.4	11.0	13.2	15.6	11.0	12.5	15.1	14.8	15.9	11.8	12.5	12.0	11.8	24	16.8												
14	8.3	11.0	8.1	11.5	8.3	6.9	8.6	5.9	7.1	7.3	7.3	8.1	7.4	8.4	7.8	5.7	7.4	7.4	7.9	8.6	8.6	7.8	10.6	8.8	24	11.5												
15	9.8	10.8	8.6	7.8	8.1	13.5	13.2	8.4	7.3	8.8	BE	BE	BE	BE	12.3	19.1	17.8	14.4	12.5	18.3	15.9	20.0	21.0	16.8	20	21.0												
16	17.8	20.0	20.3	22.7	18.8	27.1	24.7	25.9	26.1	14.9	7.6	5.4	6.1	3.5	5.4	6.4	5.6	11.5	8.3	4.9	5.4	10.0	16.1	13.9	24	27.1												
17	11.3	11.0	11.1	9.6	15.8	9.8	7.4	14.4	14.9	17.1	13.9	12.8	11.0	11.8	9.6	11.8	11.5	16.8	14.6	14.6	16.1	17.3	14.9	14.6	24	17.3												
18	15.1	12.5	12.5	12.9	12.9	10.3	9.8	8.6	5.6	14.1	13.2	10.5	11.8	11.0	8.1	9.8	8.6	7.6	8.6	8.6	9.3	7.8	9.3	8.1	24	15.1												
19	7.8	7.8	6.9	6.4	8.1	7.3	5.7	6.6	5.9	5.9	3.2	.5	3.2	2.7	4.1	6.3	4.1	6.1	12.6	10.3	12.2	10.5	16.1	11.7	24	16.1												
20	11.9	12.2	7.3	10.8	10.8	13.1	15.1	12.4	13.2	AX	AX	AX	10.0	BE	BE	BE	BE	BE	11.5	12.3	12.5	16.9	22.3	21.3	22.1	20.4	18	22.3										
21	19.6	22.5	19.1	19.4	16.9	8.9	8.4	9.2	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	8	22.5											
22	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	11.1	6.2	8.1	6.2	9.9	8.2	7.2	11.9	11.4	8.4	14.2	11	14.2											
23	13.3	13.7	14.5	13.0	12.9	16.2	14.5	11.9	14.2	13.5	12.8	14.7	13.1	11.9	6	12.6	11.9	6	11.4	6	11.9	6	12.4	6	9.9	6	9.2	6	6.5	6	4.1	3.8	24	16.2				
24	3.1	1.6	6	2.1	6	2.4	6	2.1	6	1.8	6	1.1	6	2.8	6	4.8	6	5.5	4.1	5.0	3.8	6.2	6	5.0	4.3	5.2	5.5	8.2	7.9	10.6	12.3	9.4	6	8.4	6	24	12.3	
25	7.0	8.9	10.7	6.7	6	9.7	6	10.9	6	10.2	6	11.4	6	10.2	8.4	8.9	7.9	7.4	8.2	5.7	3.8	8.2	7.7	.0	12.0	9.7	12.0	8.4	10.6	24	12.0							
26	8.9	11.4	12.5	9.7	10.2	11.9	10.9	10.4	14.0	13.5	10.9	6.7	9.2	8.4	6.5	8.4	7.9	11.1	13.3	13.3	11.6	13.3	10.9	9.4	24	14.0												
27	7.4	6.7	6.7	6	6.7	6	5.7	6	4.5	6	10.4	6	8.2	6	8.9	6	9.9	6	8.2	8.4	7.7	6.7	7.4	4.5	7.2	7.4	12.8	9.4	7.4	6	6.4	6	6.4	6	9.9	6	24	12.8
28	9.1	6	12.3	6	8.9	6	8.1	6	11.1	6	8.1	6	14.7	6	10.4	12.3	6	8.9	6.2	6.7	5.5	3.0	BA	BA	8.2	5.5	8.7	19.1	18.9	18.9	6	20.4	6	17.7	6	22	20.4	
29	14.0	6	13.8	6	13.6	6	15.9	6	8.9	6	13.3	6	13.8	6	12.8	6	13.1	10.2	6	7.9	7.4	8.7	7.4	8.4	7.2	11.1	11.1	11.6	13.2	12.1	17.2	15.0	14.2	24	17.2			
30	14.7	17.2	15.2	16.9	15.9	18.9	16.2	5.5	3.1	AX	AX	AX	2.3	1	2.8	1	2.1	1	3.3	1	6.0	1	6.4	1	6.2	1	4.0	1	5.5	1	5.5	1	AJ	AJ	19	18.9		
31	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0	
NO.:	29	29	29	29	29	29	29	29	28	26	25	26	25	26	27	27	29	29	29	29	29	29	29	28	28													
MAX:	36.6	40.2	39.7	41.7	32.6	30.2	34.4	36.9	30.4	24.9	16.8	15.1	13.1	13.2	15.6	19.1	17.8	21.2	20.2	19.1	22.3	29.5	22.1	23.7														
AVG:	12.18	12.88	12.51	12.20	11.58	11.73	12.24	11.83	12.11	10.93	8.81	8.30	7.93	7.53	7.51	8.29	8.86	10.10	10.43	11.70	11.95	13.23	12.59	11.98														

MONTHLY OBSERVATIONS: 672 MONTHLY MEAN: 10.87 MONTHLY MAX: 41.7

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(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
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 URBANIZED AREA: (6639) RALEIGH, NC
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 ELEVATION-MSL: 100
 PROBE HEIGHT: 2.62

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS

REPORT FOR: FEBRUARY 2015

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 Environmental Quality

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	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0	
2	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	9.9	11.9	12.2	11.4	10.7	9.7	11.2	7	12.2	
3	13.4	9.4	8.2	7.0	6.2	8.4	9.4	8.4	7.2	7.2	6.5	6.7	5.5	8.2	7.7	9.4	6.2	8.2	10.9	12.3	12.5	14.5	14.2	12.1	24	14.5	
4	17.9	16.2	10.4	15.7	15.5	16.2	17.9	14.7	16.4	17.7	13.5	10.4	8.2	6.2	4.5	11.2	9.7	8.4	10.9	12.8	9.4	15.7	25.0	25.9	24	25.9	
5	13.0	15.2	13.5	11.6	10.9	14.3	13.8	13.5	13.2	11.1	10.4	7.0	5.0	2.1	2.9	7.5	7.4	11.4	8.7	7.9	7.4	8.7	5.2	5.5	24	15.2	
6	6.5	5.0	5.3	8.9	7.2	8.0	8.9	10.7	9.2	6.2	6.5	6.7	7.0	7.7	8.4	8.2	6.7	7.9	8.4	12.4	16.9	17.7	20.6	29.1	24	29.1	
7	28.9	25.5	28.1	28.4	23.1	20.8	23.5	21.9	21.3	17.4	14.5	16.9	13.0	11.6	15.0	14.7	23.7	30.3	22.8	14.9	18.6	14.4	21.3	27.4	24	30.3	
8	24.7	22.3	18.1	24.3	20.8	20.6	19.4	20.6	18.6	17.9	10.9	12.6	7.6	8.6	7.1	6.4	6.9	15.4	14.0	13.5	12.8	11.6	13.7	13.1	24	24.7	
9	9.6	13.5	10.6	8.9	7.2	12.1	11.6	10.9	11.4	11.6	11.4	12.5	11.5	13.5	10.6	19.6	15.7	11.4	16.4	16.7	19.6	17.6	10.6	11.1	24	19.6	
10	8.6	7.9	5.0	7.4	6.4	5.2	4.5	4.0	6.5	5.5	6.4	8.4	10.1	9.6	8.9	8.4	7.4	7.9	7.9	7.4	8.2	7.9	10.6	8.7	24	10.6	
11	9.4	9.9	8.4	9.9	11.4	10.6	8.2	9.4	5.2	10.6	8.6	6.0	5.7	6.4	8.7	7.4	4.8	4.3	8.4	10.9	15.7	14.7	12.5	12.3	24	15.7	
12	12.5	11.1	13.3	14.0	17.6	14.2	14.7	15.2	15.9	17.2	13.2	13.9	BA	BA	14.0	9.4	9.4	6.2	6.9	8.4	6.7	6.4	6.4	6.2	22	17.6	
13	6.7	5.0	3.1	4.3	6.9	6.4	6.5	9.6	6.9	6.7	6.5	8.2	8.1	5.2	4.8	3.8	7.6	6.9	6.0	17.4	17.9	22.8	21.8	20.1	24	22.8	
14	20.6	19.6	15.7	11.1	10.1	10.4	10.1	14.0	14.2	12.8	11.3	9.9	8.9	8.1	8.4	7.7	9.1	10.9	10.1	10.4	6.9	9.4	5.9	8.2	24	20.6	
15	8.7	10.1	6.2	5.0	6.2	4.6	4.6	5.0	4.3	6.7	4.0	1.6	5.5	5.2	3.3	3.5	6.4	5.0	7.4	6.4	4.0	7.7	6.7	6.7	24	10.1	
16	4.5	7.9	7.9	8.6	6.5	6.9	5.7	8.4	8.3	8.9	5.2	5.7	5.5	3.8	5.0	10.1	7.4	7.1	8.6	9.1	7.4	4.0	6.2	9.1	24	10.1	
17	10.9	12.1	10.6	14.5	9.1	7.9	10.9	11.6	8.6	10.1	7.4	18.2	10.6	11.1	10.6	10.9	8.4	13.7	10.9	15.4	23.7	23.0	38.6	37.9	24	38.6	
18	36.2	26.9	34.7	28.3	29.1	29.1	26.5	25.8	17.6	13.1	10.4	10.4	12.9	10.7	19.6	25.4	23.0	21.6	15.2	17.9	17.7	9.2	7.9	6.0	24	36.2	
19	10.9	8.2	7.7	7.9	7.0	5.8	10.0	10.0	13.2	8.9	8.0	8.2	8.9	9.4	10.2	7.2	6.5	8.7	11.6	8.7	10.7	11.0	9.0	7.5	24	13.2	
20	9.0	13.4	8.5	7.0	8.0	9.8	13.7	11.8	10.3	6.7	5.8	11.4	8.7	7.2	6.0	10.7	10.4	9.2	15.9	15.7	19.9	21.8	20.1	17.4	24	21.8	
21	20.8	14.7	17.4	16.7	13.1	15.9	12.8	16.4	14.9	16.9	9.2	12.4	14.0	11.4	13.8	11.1	15.2	23.3	20.8	20.8	23.0	21.8	23.5	24.3	24	24.3	
22	21.3	25.0	30.1	37.0	36.7	32.5	41.6	36.0	34.0	25.9	16.9	14.5	13.7	11.8	10.9	10.6	15.9	11.6	11.9	16.2	20.3	21.8	20.3	16.9	24	41.6	
23	15.7	13.2	13.2	16.6	15.7	15.4	14.2	16.9	15.7	16.2	16.6	18.1	12.3	17.6	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	14	18.1	
24	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	
25	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	7.9	14.4	12.5	14.4	16.4	18.6	18.3	18.3	8	18.6	
26	12.5	9.1	7.4	8.6	8.9	8.9	7.4	8.6	9.6	AV	AV	12.1	14.4	14.2	12.6	17.9	17.6	15.4	16.9	16.6	16.9	19.6	33.7	59.4	22	59.4	
27	47.5	47.9	41.3	28.1	21.8	29.5	29.3	29.5	27.8	20.5	18.4	17.1	15.4	16.9	13.7	14.5	16.9	16.6	17.9	16.1	22.5	20.6	20.5	18.1	24	47.9	
28	20.8	23.5	18.3	20.6	20.8	20.3	21.5	22.3	18.9	15.5	12.3	8.4	11.3	9.9	10.1	8.9	13.0	13.0	14.0	16.9	20.8	16.6	15.9	17.6	24	23.5	
29																										0	
30																										0	
31																										0	
NO.:	24	24	24	24	24	24	24	24	24	23	23	24	23	23	23	23	24	25	25	25	25	25	25	25	25		
MAX:	47.5	47.9	41.3	37.0	36.7	32.5	41.6	36.0	34.0	25.9	18.4	18.2	15.4	17.6	19.6	25.4	23.7	30.3	22.8	20.8	23.7	23.0	38.6	59.4			
AVG:	16.28	15.53	14.29	14.60	13.59	13.91	14.45	14.80	13.73	12.67	10.17	10.72	9.73	9.41	9.43	10.63	10.97	11.95	12.28	13.26	14.69	14.71	15.93	17.20			

MONTHLY OBSERVATIONS: 577 MONTHLY MEAN: 13.16 MONTHLY MAX: 59.4

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS

REPORT FOR: MARCH 2015

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 Environmental Quality

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	14.0	15.2	16.1	13.8	15.2	13.5	13.1	13.7	13.1	17.9	15.2	13.8	10.6 6	10.4 6	7.2	6.2	5.0	5.9	14.5	16.4	18.1	24.2	22.0	15.1	24	24.2
2	15.9	10.4	15.9	13.0	19.6	16.6	20.1	20.1	22.7	16.9	16.4	11.8	8.1	7.4 6	5.1 6	4.9 6	4.2 6	5.2	12.3 6	7.9	11.3	10.6	13.5	13.7	24	22.7
3	16.1	15.1	13.5	10.4	13.7	13.2	12.3	12.6	15.7	15.2	13.4	10.8	11.3	10.4	10.9	12.3	18.8	16.1	18.8	20.5	21.3	23.0	21.3	14.9	24	23.0
4	18.6	18.8	13.9	13.9	12.1	8.6	9.4	8.6	10.3	11.1	11.3	13.2	14.4	AX	AX	AX	1.7	2.7	1.7	.0	1.1	6.4	11.5	11.8	21	18.8
5	9.6	10.6	7.6	11.3	9.6	9.9	9.6	8.6	10.6	11.3	8.3	5.0	5.0	6.7	8.4	5.9	10.3	7.9	6.4	7.1	8.4	9.8	9.1	6.9	24	11.3
6	7.6	8.9	9.9	10.6	10.3	9.1	9.1	10.8	11.6	9.6	10.3	8.4	10.6	8.6	8.1	5.7	9.3	8.1	8.1	9.4	10.4	11.8	15.1	15.2	24	15.2
7	16.9	13.5	12.8	18.3	22.0	25.2	23.9	18.8	16.1	10.1	11.3	7.4	5.0	7.4	9.6	7.9	4.5	7.6	14.9	16.4	21.8	16.6	14.2	15.9	24	25.2
8	13.7	18.1	13.9	13.4	12.3	14.7	12.1	17.9	13.4	8.3	5.6	5.6	6.8	6.1	5.1	4.2	5.4	6.3	8.8	12.3	13.7	15.7	16.1	14.9	24	18.1
9	13.0	17.4	17.1	13.7	12.3	16.9	17.6	17.4	15.9	15.4	16.1	8.3	6.6	13.9	13.9	12.3	8.8	13.9	12.6	15.9	13.0	14.9	17.4	15.6	24	17.6
10	15.4	15.7	16.6	13.0	14.9	16.9	14.4	18.8	18.8	15.6	9.0	5.4	5.3	8.8	7.8 6	7.8 6	6.3	8.0 6	8.8 6	9.3 6	7.8	7.8	6.9	11.3	24	18.8
11	10.1	11.6	11.3	8.6	9.8	8.4	8.8	9.1	8.3	10.3 6	13.9 6	15.3 6	17.3 6	15.6 6	18.0 6	9.3 6	7.8 6	4.7 6	4.2	5.2	3.7	4.5	4.2	5.0	24	18.0
12	8.4	7.6	6.9	5.2	5.2	9.1	6.9	7.4	9.1	7.6	5.0	7.4	5.4 6	9.0 6	8.0 6	9.0 6	9.8	8.6	8.6	7.6	8.9	10.8	10.8	9.1	24	10.8
13	10.8	8.1	7.9	10.6	8.1	8.9	9.1	13.5	10.8	AZ	AZ	AZ	4.0	3.3	6.7	6.7	7.9	6.2	7.6	7.6	7.9	9.1	9.6	9.6	21	13.5
14	11.1	11.6	10.4	9.9	12.3	11.8	12.1	12.3	12.1 6	10.4 6	12.3	10.1	7.4	4.5	8.8	7.1 6	6.6 6	10.6 6	11.1 6	9.1 6	10.4 6	9.1 6	7.6 6	7.9 6	24	12.3
15	7.1 6	8.4 6	12.3 6	10.6 6	10.3 6	8.8 6	12.3	10.1	9.6	9.1	6.2	9.1	5.6 6	3.2 6	3.9 6	5.8 6	5.4 6	5.4 6	4.6 6	3.2 6	4.5 6	5.9 6	7.6 6	6.1 6	24	12.3
16	6.4 6	4.7 6	4.9 6	4.7 6	10.8 6	11.3 6	10.6 6	10.1 6	12.5 6	7.3 6	5.6 6	4.1 6	4.6 6	4.1 6	2.9 6	2.9 6	1.2 6	3.2 6	7.5 6	8.3 6	7.3 6	9.5 6	10.3 6	7.6	24	12.5
17	9.8	9.6	10.3	11.1 6	10.1 6	12.1 6	AV	9.3 6	8.3 6	5.3 6	7.3 6	7.0 6	5.3 6	5.3 6	6.5 6	10.2 6	10.0 6	17.8 6	9.5 6	16.3 6	14.1 6	15.6 6	9.4 6	7.6	23	17.8
18	4.5	3.2	7.4	7.4	6.1	7.1	5.9	4.9	4.9	8.6	6.9	4.0	AX	AX	AX	6.9	6.2	6.9	6.7	6.4	12.3	11.8	11.6	12.3	21	12.3
19	13.0	12.1	14.0	14.0	12.1	10.9	12.1	15.9	13.5	15.7	18.1	15.9	17.4	16.9	20.8	22.0	17.9	12.1	11.4	11.6	13.0	10.4	12.7	9.4	24	22.0
20	8.6	7.4	6.7	5.9	5.7	6.2	9.1	7.4	7.4	6.4 6	5.4 6	7.4 6	6.4 6	5.0	7.6	14.7 6	14.4 6	14.7	15.9 6	8.9 6	10.4 6	13.5 6	15.2 6	12.8 6	24	15.9
21	12.6 6	13.9 6	13.7 6	9.6 6	7.1 6	6.7 6	7.6 6	8.1 6	13.5 6	10.6 6	10.1	7.6 6	5.6 6	5.8 6	5.9 6	4.9 6	8.8 6	12.3 6	13.3 6	18.4 6	21.5 6	16.4 6	12.1 6	15.2 6	24	21.5
22	18.1 6	15.6 6	13.0 6	19.1 6	14.7 6	13.9 6	18.1 6	18.6 6	15.6 6	12.1 6	7.9 6	7.4	12.0 6	12.1 6	12.5 6	15.3 6	15.9 6	17.9 6	16.4 6	15.2 6	13.0 6	11.8 6	10.1 6	11.6 6	24	19.1
23	7.9 6	11.1 6	10.1 6	8.4 6	8.6 6	11.6 6	8.6 6	10.3 6	11.1 6	10.8 6	8.1 6	5.7 6	5.7 6	6.2 6	9.1 6	8.1 6	6.7	11.1 6	9.1 6	9.1 6	13.5 6	16.4 6	15.4 6	10.6 6	24	16.4
24	9.6 6	11.6 6	12.3 6	12.3 6	11.1 6	10.3 6	10.4 6	11.1 6	9.4 6	7.9 6	8.6 6	9.3 6	7.1 6	11.7 6	8.8 6	11.5 6	10.5 6	10.5 6	13.0 6	13.2 6	12.1 6	10.1 6	11.8 6	11.8 6	24	13.2
25	9.9 6	8.9 6	6.4 6	6.2 6	8.4 6	9.1 6	5.0 6	6.7 6	8.6 6	10.4 6	9.9 6	8.1 6	8.1 6	8.3 6	10.3 6	10.8 6	12.0 6	12.5 6	16.3 6	13.9 6	16.6 6	14.2 6	18.3 6	12.1 6	24	18.3
26	15.4 6	16.9 6	13.5 6	11.3 6	5.7 6	2.3 6	2.3 6	4.7 6	6.6 6	7.8 6	8.8 6	10.3 6	9.3 6	9.3 6	9.8 6	8.5 6	8.3 6	10.8 6	11.7 6	9.8 6	17.1 6	12.8 6	15.1 6	12.5 6	24	17.1
27	13.9 6	12.3 6	12.3 6	10.6 6	11.6 6	6.7 6	5.0 6	5.4 6	5.9 6	3.8 6	3.0 6	3.0 6	6.4 6	5.0 6	4.5 6	7.9 6	5.2 6	3.5 6	6.2 6	7.6 6	11.8 6	9.1 6	10.4 6	9.1 6	24	13.9
28	10.1 6	8.1 6	10.1 6	9.4 6	10.9 6	10.3 6	9.9 6	10.1 6	6.2 6	5.9 6	6.9 6	7.9	7.2 6	6.4	5.0	4.2	7.2	7.1	7.9 6	6.7 6	9.4 6	7.6 6	8.4 6	7.6 6	24	10.9
29	6.2 6	7.9	8.2	8.6	8.6	8.1	9.4	8.2	6.2	4.7	5.2	5.4	6.4	5.2	6.2	4.3	3.3	4.5	5.0 6	10.6 6	12.7 6	9.6 6	6.4 6	6.6 6	24	12.7
30	6.9 6	8.4 6	6.6 6	8.4 6	7.4 6	7.6 6	10.3	8.4 6	10.8 6	9.4	9.4	10.6	14.7	13.0	12.5 6	12.7 6	10.5 6	9.8 6	15.9 6	11.8 6	13.0 6	9.9 6	7.4 6	4.7 6	24	15.9
31	7.1 6	7.9 6	9.4 6	10.3 6	10.1 6	12.7 6	12.3 6	9.9 6	8.6 6	4.9 6	3.7 6	4.2 6	5.1 6	6.3 6	6.1 6	10.3 6	10.3 6	9.8 6	23.6 6	11.5 6	8.6 6	6.9 6	6.9	8.1	24	23.6
NO.:	31	31	31	31	31	31	30	31	31	30	30	30	30	29	29	30	31	31	31	31	31	31	31	31	31	
MAX:	18.6	18.8	17.1	19.1	22.0	25.2	23.9	20.1	22.7	17.9	18.1	15.9	17.4	16.9	20.8	22.0	18.8	17.9	23.6	20.5	21.8	24.2	22.0	15.9		
AVG:	11.24	11.31	11.13	10.76	10.86	10.92	10.91	11.25	11.20	10.01	9.31	8.32	8.16	8.13	8.62	8.68	8.39	9.09	10.72	10.55	11.89	11.80	11.88	10.73		

MONTHLY OBSERVATIONS: 734 MONTHLY MEAN: 10.26 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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS

REPORT FOR: APRIL 2015

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 Environmental Quality

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	9.9	7.4	11.1	10.3	9.9	12.8	15.6	10.1	8.9	10.6	10.8	BA	BA	BA	AX	AX	9.0	6.3	5.6	10.3	11.1	14.1	13.7	10.6	19	15.6	
2	10.6	10.1	9.6	10.6	9.3	10.8	10.1	8.3	5.4	8.1	4.4	3.4	4.2	3.2	3.9	6.1	8.3	5.8	5.6	7.3	5.9	6.4	8.6	9.3	24	10.8	
3	9.6	11.0	8.8	9.8	7.8	10.1	9.1	9.6	10.8	12.2	14.8	15.1	10.2	11.0	6.1	11.7	10.5	10.0	6.3	13.6	9.2	12.4	10.2	15.5	17.7	24	17.7
4	11.2	15.0	16.5	14.1	12.5	13.4	7.6	5.9	4.7	7.6	7.3	6.1	4.4	4.9	3.4	6.1	4.6	6.8	6.1	5.4	4.2	4.0	6.9	7.1	24	16.5	
5	7.6	8.6	9.1	8.4	6.9	5.9	6.1	4.9	4.9	4.7	4.1	2.0	4.1	3.7	4.4	3.9	3.9	3.9	15.6	11.8	13.4	8.3	11.5	9.1	24	15.6	
6	9.3	6.6	7.8	6.9	5.9	5.4	.0	9.1	6.7	9.2	6.8	8.8	9.3	8.0	12.2	11.7	6.3	8.8	12.2	12.0	18.5	14.2	17.6	16.6	24	18.5	
7	21.8	20.3	22.0	22.7	24.2	19.1	13.9	19.1	17.6	11.6	14.6	11.8	13.7	14.4	15.1	11.3	18.6	14.6	12.8	17.3	14.6	21.0	18.1	20.0	24	24.2	
8	13.3	13.9	9.6	8.1	9.9	10.1	11.3	19.3	19.0	19.3	18.3	11.3	14.4	AX	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	13	19.3
9	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
10	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
11	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
12	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
13	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	AX	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	0	
14	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BA	BA	10.8	9.1	10.8	10.8	10.8	8.3	7.3	7.8	7.1	3.7	5.6	8.3	5.7	8.6	7.9	15	10.8	
15	5.7	5.5	4.5	1.6	2.6	3.5	6.0	4.8	3.5	3.3	AM	AM	7.2	8.9	8.7	7.4	10.4	9.6	11.4	15.7	10.6	12.4	11.6	8.9	22	15.7	
16	9.6	6.2	7.2	8.4	10.7	10.4	9.1	9.9	10.1	10.4	7.2	8.4	7.4	9.9	7.6	9.3	9.8	8.1	11.6	11.3	9.1	10.6	9.4	8.4	24	11.6	
17	9.9	11.1	8.4	10.1	8.9	8.4	9.4	8.9	10.9	7.6	6.9	8.3	6.9	8.6	8.1	5.6	12.3	8.6	7.8	9.3	11.1	14.4	13.4	9.6	24	14.4	
18	8.8	10.8	9.4	11.6	9.6	6.4	10.4	11.8	11.3	10.8	8.8	7.6	10.3	7.8	6.3	9.8	12.8	9.8	15.3	16.1	10.8	10.8	10.1	6.4	24	16.1	
19	4.7	5.4	6.9	7.9	5.7	12.1	8.4	12.3	11.3	9.3	11.1	12.0	11.5	11.0	11.1	12.1	12.8	10.9	6.7	2.5	1.5	2.7	4.2	3.3	24	12.8	
20	1.3	3.9	3.7	7.6	5.9	4.0	6.4	6.9	8.3	6.6	9.8	6.6	6.8	8.1	7.8	9.8	11.0	12.0	17.1	8.6	8.6	6.4	8.1	8.3	24	17.1	
21	9.1	5.7	10.1	10.4	10.9	6.4	10.1	9.9	9.6	7.1	6.1	6.3	8.8	9.8	10.8	8.8	8.3	9.8	9.1	8.1	15.2	12.1	11.1	12.6	24	15.2	
22	16.4	15.2	13.1	12.1	10.2	11.4	12.1	12.5	8.1	4.7	2.7	3.0	6.9	7.1	9.3	6.6	8.6	10.1	10.8	13.5	8.3	8.3	8.3	11.8	24	16.4	
23	12.1	8.7	9.4	11.4	9.4	7.6	7.4	8.6	4.5	1.0	3.7	4.4	3.0	3.9	4.2	5.4	4.0	4.0	5.2	7.4	9.1	8.2	8.4	7.2	24	12.1	
24	5.7	4.3	5.5	6.7	5.2	6.5	7.9	4.5	3.3	5.2	4.2	BC	BC	BC	BC	3.0	2.3	4.9	4.5	12.6	12.1	17.4	14.0	15.7	20	17.4	
25	18.9	19.4	17.9	15.2	15.9	15.2	18.6	16.9	17.4	17.1	16.7	19.9	14.9	12.1	14.2	16.2	10.2	12.3	13.7	11.8	10.2	8.6	6.2	7.9	24	19.9	
26	5.5	2.8	4.0	4.3	4.0	2.8	.3	2.3	2.6	4.0	4.7	8.6	5.7	7.4	4.5	4.3	5.2	3.8	3.1	6.0	4.8	4.8	5.5	10.2	24	10.2	
27	7.2	8.2	8.4	7.4	5.7	8.4	7.4	6.0	6.7	3.7	BA	BA	BA	BA	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	10	8.4
28	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	6.5	7.2	6.2	3.2	2.5	3.5	3.2	3.5	2.3	4.5	4.2	7.9	6.7	9.1	8.7	10.6	12.5	17	12.5
29	11.1	8.7	8.7	7.4	10.6	11.4	7.7	13.5	9.9	11.1	8.8	9.1	5.4	4.7	7.4	4.7	5.7	5.7	12.5	12.5	10.8	7.9	6.0	13.0	24	13.5	
30	10.6	13.1	10.7	9.9	10.6	7.4	9.9	6.7	5.5	3.5	12.2	7.1	4.5	4.9	5.4	4.9	8.6	6.9	9.7	11.6	7.2	6.0	8.9	6.0	24	13.1	
31																										0	
NO.:	23	23	23	23	23	23	23	24	24	25	23	21	22	21	21	22	23	23	23	23	23	23	23	23	23		
MAX:	21.8	20.3	22.0	22.7	24.2	19.1	18.6	19.3	19.0	19.3	18.3	19.9	14.9	14.4	15.1	16.2	18.6	14.6	17.1	17.3	18.5	21.0	18.1	20.0			
AVG:	10.00	9.65	9.67	9.69	9.23	9.11	8.90	9.51	8.68	8.23	8.53	8.24	7.90	7.78	8.00	7.60	8.48	8.01	9.63	10.11	9.87	9.70	10.27	10.44			

MONTHLY OBSERVATIONS: 548 MONTHLY MEAN: 9.06 MONTHLY MAX: 24.2

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

May. 30, 2018

(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 Environmental Quality

MONITOR TYPE: SLAMS

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2015

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	7.0	7.7	6.2	9.9	9.2	9.7	8.9	7.4	7.2	4.3	5.7	7.0	7.2	5.0	3.4	2.9	3.8	9.2	7.4	4.5	6.0	6.0	5.0	24	9.9
2	10.4	6.7	7.0	10.4	9.2	9.2	9.4	8.9	14.5	11.3	8.1	6.4	5.7	6.9	4.7	4.9	3.6	4.7	8.6	9.1	7.7	12.9	16.7	20.6	24	20.6
3	20.1	21.1	17.9	19.4	17.9	12.6	13.3	11.6	10.3	9.6	8.8	6.6	5.9	6.6	5.9	8.4	8.6	8.1	6.9	14.7	12.8	11.4	11.6	12.9	24	21.1
4	8.7	9.2	12.2	10.2	11.9	10.7	10.2	12.1	11.6	14.5	15.2	12.8	14.2	11.1	12.5	13.2	12.5	13.3	19.1	15.4	11.6	9.1	9.1	7.9	24	19.1
5	5.0	8.9	10.4	6.5	7.2	4.8	7.4	6.9	5.4	7.4	6.6	6.9	7.6	9.1	8.6	7.8	9.0	13.4	12.0	12.5	9.8	6.2	5.9	8.2	24	13.4
6	7.9	10.1	8.0	8.4	7.9	11.4	10.2	10.1	8.6	10.1	AX	AX	14.9	7.1	11.5	14.9	10.1	11.0	7.3	13.0	10.1	9.8	12.8	11.6	22	14.9
7	8.2	9.6	6.7	8.4	9.9	7.4	8.4	10.1	7.6	4.7	4.7	5.9	8.3	6.6	10.3	8.8	5.4	9.6	8.1	11.3	11.5	10.8	11.3	13.5	24	13.5
8	11.6	7.4	5.3	8.7	7.2	5.5	9.1	6.4	3.1	1.1	2.3	3.5	3.2	3.7	4.9	7.6	5.2	4.7	6.6	AV	6.6	4.2	4.9	6.2	23	11.6
9	4.7	4.9	6.6	5.9	5.2	7.9	6.6	6.1	6.4	4.9	6.9	6.6	5.9	7.1	7.6	7.6	12.1	6.4	5.4	10.1	8.6	11.8	9.1	11.3	24	12.1
10	8.8	6.9	10.3	13.0	12.1	10.3	7.1	11.3	16.5	14.2	9.3	5.2	5.9	7.6	7.9	5.4	3.6	2.1	3.3	6.9	5.9	4.2	4.2	7.3	24	16.5
11	7.4	6.1	3.1	4.9	6.6	7.8	5.1	7.8	10.8	16.2	11.8	17.8	12.8	12.3	9.1	9.3	10.5	12.5	11.5	14.9	12.0	14.0	14.2	11.0	24	17.8
12	16.6	18.3	15.2	19.8	20.0	19.5	21.5	20.8	23.4	21.7	21.7	22.2	20.0	22.4	26.6	20.2	29.7	31.9	22.9	21.2	21.0	19.8	17.6	21.5	24	31.9
13	17.1	12.8	8.8	9.3	8.1	6.9	7.3	8.1	11.8	6.6	6.9	9.1	6.6	8.8	9.5	9.1	6.9	6.1	4.2	6.6	6.9	12.6	10.4	11.9	24	17.1
14	11.9	12.1	8.9	5.7	6.7	8.4	8.9	7.9	6.7	6.7	AX	BL	4.9	5.4	5.6	7.6	7.3	4.7	10.3	7.6	6.4	7.6	12.6	11.1	22	12.6
15	9.7	7.4	4.5	2.4	5.3	5.5	5.5	7.9	5.4	2.1	AZ	AZ	AZ	AZ	12.5	11.5	10.5	10.5	12.1	13.2	14.0	11.6	10.3	15.5	20	15.5
16	14.3	12.4	10.6	10.6	9.2	11.4	12.1	10.3	11.1	13.5	10.5	11.0	14.2	12.3	11.5	7.8	11.8	11.5	11.6	15.0	14.7	12.5	10.6	7.3	24	15.0
17	6.4	5.7	7.1	7.6	7.2	11.6	8.6	10.1	6.6	8.1	9.8	9.3	11.3	10.0	7.6	11.3	9.8	10.8	18.3	16.1	14.0	12.3	9.3	7.8	24	18.3
18	8.1	6.8	7.8	8.8	8.3	8.6	9.1	8.1	8.1	11.8	BA	BA	BA	BA	6.1	12.0	12.0	9.6	14.9	12.3	20.3	12.1	7.4	6.6	20	20.3
19	6.4	6.1	4.0	7.1	7.4	5.9	9.3	14.5	8.1	9.5	6.1	3.5	6.8	12.5	8.3	8.3	5.2	2.5	7.3	13.0	8.6	7.1	10.1	6.4	24	14.5
20	6.4	4.9	2.6	3.3	5.2	7.9	6.4	4.0	2.8	3.5	4.4	2.8	2.5	2.5	3.2	2.5	5.9	4.7	4.7	6.6	5.2	6.9	11.3	11.6	24	11.6
21	7.1	8.9	7.4	8.4	11.3	7.6	5.7	6.2	5.4	5.9	11.1	8.1	9.1	8.6	5.7	6.2	4.9	5.2	7.4	4.5	5.7	7.9	5.0	2.5	24	11.3
22	1.2	7.9	6.0	5.0	5.5	3.4	6.5	5.4	4.0	6.6	6.1	4.5	4.5	3.7	1.8	3.5	3.0	1.1	3.2	4.0	10.1	9.9	11.4	13.4	24	13.4
23	12.9	9.9	11.4	11.4	10.9	8.4	6.9	7.1	4.0	5.2	4.9	3.7	4.2	7.1	5.6	4.2	10.3	7.6	10.1	10.6	11.3	12.8	14.9	10.2	24	14.9
24	13.1	11.7	8.7	8.4	10.2	12.1	8.4	6.6	6.1	6.6	7.1	7.4	6.1	4.7	7.1	8.1	7.8	5.7	8.6	17.3	12.3	9.1	6.9	11.3	24	17.3
25	8.6	7.9	8.4	10.2	9.9	9.4	7.1	8.8	7.1	4.2	6.1	4.0	5.4	6.6	7.6	7.3	5.4	4.0	3.2	6.9	13.5	10.1	5.9	6.9	24	13.5
26	4.9	5.4	5.7	3.8	7.4	5.0	5.9	9.6	8.6	4.9	6.1	4.7	1.8	1.1	4.0	3.0	5.6	5.4	2.4	.9	1.6	1.1	2.0	.4	24	9.6
27	.8	1.6	.8	2.5	2.0	1.6	1.4	7.4	5.9	5.2	5.2	4.7	3.2	2.5	2.0	7.1	5.6	6.4	6.6	4.5	2.5	2.0	1.5	.6	24	7.4
28	1.5	2.3	1.8	4.5	4.5	3.2	6.9	4.7	6.1	6.1	9.3	10.1	11.3	9.1	5.7	7.1	6.6	8.6	10.1	10.8	7.8	7.3	6.1	7.6	24	11.3
29	6.9	4.9	6.6	4.5	4.0	6.9	5.2	5.4	5.4	5.2	5.4	9.3	5.9	5.4	3.9	2.3	3.5	4.7	5.7	6.1	7.1	8.4	4.7	1.3	24	9.3
30	3.0	2.0	.6	2.5	2.3	1.1	1.3	5.7	4.9	4.2	5.4	3.2	5.9	5.6	5.6	5.4	8.1	5.9	9.8	8.1	9.1	7.8	5.7	6.9	24	9.8
31	7.1	5.9	8.6	8.6	10.3	7.3	11.3	6.6	11.5	8.8	6.4	6.1	5.9	7.1	6.6	4.9	7.8	5.6	7.1	6.2	7.1	7.1	5.9	3.5	24	11.5
NO.:	31	31	31	31	31	31	31	31	31	31	27	27	29	29	31	31	31	31	31	30	31	31	31	31	31	
MAX:	20.1	21.1	17.9	19.8	20.0	19.5	21.5	20.8	23.4	21.7	21.7	22.2	20.0	22.4	26.6	20.2	29.7	31.9	22.9	21.2	21.0	19.8	17.6	21.5		
AVG:	8.49	8.15	7.44	7.95	8.41	8.02	8.12	8.56	8.23	7.99	7.80	7.45	7.62	7.61	7.56	7.76	8.10	7.81	8.98	10.23	9.69	9.24	8.88	9.03		

MONTHLY OBSERVATIONS: 731 MONTHLY MEAN: 8.31 MONTHLY MAX: 31.9

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS

REPORT FOR: JUNE 2015

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 Environmental Quality

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	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	
2	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	
3	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AK	BA	AX	AS	AS	AS	AS	AS	AS	AS	AS	AS	0	
4	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	
5	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	
6	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	
7	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	
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	AK	BA	AX	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	AK	AX	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	BK	BK	BK	BK	0	
21	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	0	
22	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BA	BA	BA	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
23	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
24	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BA	BA	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
25	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BC	4.1	6.6	11.1	12.1	20.8	16.0	18.9	17.9	14.7	14.8	12.5	9.6	12	20.8	
26	13.8	15.9	12.0	13.0	14.7	16.7	17.4	21.5	25.7	24.3	20.0	17.0	16.0	17.0	16.0	15.0	20.0	19.0	17.0	13.0	14.0	17.0	17.0	15.0	24	25.7	
27	11.0	9.0	7.0	7.0	5.0	4.0	7.0	6.0	9.0	10.0	12.0	17.0	16.0	16.0	7.0	6.0	5.0	5.0	5.0	5.0	4.0	2.0	3.0	2.0	24	17.0	
28	.0	1.0	7.0	7.0	5.0	6.0	10.0	10.0	13.0	8.0	9.0	6.0	8.0	6.0	5.0	6.0	5.0	7.0	AV	AV	12.0	12.0	15.0	11.0	22	15.0	
29	9.0	13.0	12.0	11.0	11.0	11.0	10.0	10.0	8.0	BA	AX	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	9	13.0	
30	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
31																										0	
NO.:	4	4	4	4	4	4	4	4	4	3	3	3	4	4	4	4	4	4	3	3	4	4	4	4	4		
MAX:	13.8	15.9	12.0	13.0	14.7	16.7	17.4	21.5	25.7	24.3	20.0	17.0	16.0	17.0	16.0	15.0	20.8	19.0	18.9	17.9	14.7	17.0	17.0	15.0			
AVG:	8.45	9.73	9.50	9.50	8.93	9.43	11.10	11.88	13.93	14.10	13.67	13.33	11.03	11.40	9.78	9.78	12.70	11.75	13.63	11.97	11.18	11.45	11.88	9.40			

MONTHLY OBSERVATIONS: 91 MONTHLY MEAN: 11.11 MONTHLY MAX: 25.7

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

May. 30, 2018

(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 Environmental Quality

MONITOR TYPE: SLAMS

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2015

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	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0		
2	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
3	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
4	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
5	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
6	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
7	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
8	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	BA	37.4	20.6	39.3	22.5	39.3	42.0	37.4	53.7	29.7	38.8	44.7	11	53.7		
9	40.0	37.4	56.7	43.6	44.2	55.8	44.5	48.1	70.7	37.9	BK	BK	20.1	23.0	23.8	25.7	27.7	24.7	38.0	36.6	34.4	30.2	30.7	26.7	22	70.7		
10	35.6	27.5	31.1	29.2	27.2	25.2	27.0	24.2	31.2	25.2	22.8	20.8	26.2	24.5	26.5	25.2	25.2	32.2	27.7	25.7	26.2	23.7	23.5	21.8	24	35.6		
11	21.8	16.9	20.6	19.2	18.8	17.7	23.2	19.2	17.9	17.7	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	10	23.2	
12	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	BJ	0	
13	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BA	BA	18.7	16.7	22.0	19.2	18.9	19.2	16.0	9.9	9.1	11.8	9.3	5.0	12	22.0			
14	3.5	5.0	6.7	5.3	10.3	10.8	12.2	16.9	BK	BK	BK	13.1	10.9	12.8	9.1	10.8	9.6	9.6	6.6	8.6	8.9	8.6	7.9	7.2	21	16.9		
15	6.7	10.8	8.6	10.8	9.4	11.8	10.6	6.1	7.9	8.0	5.6	4.8	6.3	8.2	7.5	6.6	4.8	5.8	7.9	7.0	9.3	9.8	8.1	7.2	24	11.8		
16	8.1	5.6	6.1	8.9	9.8	9.1	6.5	7.2	8.9	14.3	8.9	8.4	12.8	11.6	7.2	8.2	14.0	10.1	10.8	9.6	11.8	14.2	13.7	11.0	24	14.3		
17	12.0	12.3	13.5	9.4	10.6	10.3	10.3	11.3	10.6	11.3	13.0	12.8	14.0	11.8	8.7	11.8	15.5	16.5	13.1	13.5	18.6	20.5	17.1	20.0	24	20.5		
18	13.3	16.7	10.3	14.0	11.8	13.7	12.8	10.6	12.1	14.5	14.3	12.3	16.5	11.8	8.6	12.5	10.1	8.7	11.8	8.1	8.9	6.7	11.0	8.4	24	16.7		
19	8.9	7.9	10.6	10.3	8.6	10.8	13.0	12.7	9.4	13.3	10.8	13.8	15.3	15.0	12.1	13.8	9.6	9.4	7.3	9.6	12.3	9.4	13.2	10.8	24	15.3		
20	11.8	9.8	7.9	11.8	14.5	13.0	14.7	15.5	17.9	13.8	AX	25.2	14.0	12.1	14.0	18.9	16.5	18.7	17.4	17.0	16.0	15.3	17.9	15.7	23	25.2		
21	13.5	16.4	14.2	7.9	12.5	12.3	10.6	12.8	12.8	9.4	8.7	11.1	10.6	10.4	11.3	13.8	14.8	14.0	9.1	7.2	5.8	4.3	13.5	8.9	24	16.4		
22	4.3	9.3	7.9	6.3	8.4	9.8	12.3	10.5	11.8	9.2	13.5	12.3	8.7	11.1	8.4	14.8	10.4	16.9	14.5	13.0	16.7	16.2	10.3	17.4	24	17.4		
23	13.8	12.8	12.0	13.3	13.7	13.3	17.1	17.9	16.7	16.7	13.0	14.3	13.8	15.0	13.5	10.3	8.4	8.1	5.3	6.3	6.0	4.0	3.3	24	17.9			
24	8.3	4.5	3.0	3.8	4.8	3.0	7.2	15.0	14.5	16.9	11.8	13.2	18.4	17.4	14.2	11.8	15.7	16.9	20.0	17.4	14.4	15.7	12.5	15.1	24	20.0		
25	15.2	13.7	18.3	14.7	14.6	18.3	14.9	13.7	11.0	12.2	10.8	9.8	14.4	11.5	16.4	14.4	12.2	14.9	21.0	14.2	23.9	19.6	17.1	17.8	24	23.9		
26	19.4	18.3	19.3	15.2	18.0	16.6	18.0	8.1	8.8	10.5	12.2	12.2	13.4	13.7	13.7	11.0	15.9	12.2	8.3	15.2	10.8	14.2	11.2	6.2	24	19.4		
27	4.2	4.5	4.2	4.5	8.3	7.4	6.3	3.7	4.5	5.3	4.5	4.8	9.3	6.9	10.8	18.4	11.8	13.3	9.6	12.5	16.6	6.5	5.8	6.0	24	18.4		
28	5.1	7.0	4.8	13.5	9.6	6.3	12.5	9.6	5.1	11.1	7.9	12.3	13.0	11.3	9.9	7.9	16.7	12.3	12.5	11.5	15.7	11.7	6.5	12.5	24	16.7		
29	11.2	11.0	8.6	9.3	7.7	6.3	6.0	7.2	9.1	6.5	5.8	10.3	7.2	7.9	9.8	10.1	10.6	8.4	9.9	11.6	16.1	11.7	7.9	10.5	24	16.1		
30	10.3	6.3	8.1	8.4	5.8	7.2	7.7	10.9	9.6	13.5	8.9	12.5	9.4	14.8	15.3	15.0	16.5	18.7	15.0	14.3	16.5	13.3	12.8	16.5	24	18.7		
31	14.5	13.3	11.0	13.0	8.4	9.4	13.8	8.7	10.1	7.7	10.1	BA	9.6	13.6	13.1	11.1	14.3	11.6	14.3	17.4	15.9	17.6	13.0	16.4	23	17.6		
NO.:	21	21	21	21	21	21	21	21	20	20	17	18	21	22	22	22	22	22	22	22	22	22	22	22	22			
MAX:	40.0	37.4	56.7	43.6	44.2	55.8	44.5	48.1	70.7	37.9	22.8	25.2	26.2	37.4	26.5	39.3	27.7	39.3	42.0	37.4	53.7	30.2	38.8	44.7				
AVG:	13.40	12.71	13.50	12.97	13.19	13.72	14.34	13.80	15.03	13.75	10.74	12.44	13.46	14.48	13.48	15.03	14.62	15.52	15.37	14.71	16.71	14.40	13.90	14.05				

MONTHLY OBSERVATIONS: 506 MONTHLY MEAN: 14.02 MONTHLY MAX: 70.7

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS

REPORT FOR: AUGUST 2015

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 Environmental Quality

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	16.9	18.9	18.1	15.4	18.6	17.4	20.5	16.5	14.0	11.6	9.9	9.4	12.1	8.9	6.1	6.8	7.7	6.6	10.1	10.8	10.5	10.8	19.5	14.7	24	20.5	
2	12.5	9.3	13.2	11.0	8.8	14.5	12.2	7.4	8.9	7.9	14.0	10.4	8.6	7.9	8.6	9.8	11.8	9.1	10.3	11.5	13.5	12.0	12.8	17.6	24	17.6	
3	5.8	13.0	8.6	8.8	6.0	12.2	13.2	9.3	16.2	7.9	16.5	8.9	13.3	13.0	16.7	13.8	11.8	12.1	12.3	16.0	18.1	19.1	14.4	16.2	24	19.1	
4	18.6	16.4	13.0	14.2	9.6	14.0	14.6	22.1	15.5	17.2	17.2	9.4	11.8	9.9	7.2	7.7	7.2	9.6	8.2	7.7	10.6	12.1	8.9	8.4	24	22.1	
5	7.0	7.4	10.0	8.1	10.6	11.3	7.7	12.6	14.3	12.8	13.3	11.1	14.8	11.8	10.6	8.4	9.4	15.2	16.5	16.5	16.2	13.8	16.5	15.5	24	16.5	
6	13.5	11.0	14.0	13.8	15.9	17.6	20.5	16.0	18.4	19.8	17.2	23.8	15.3	14.8	16.7	21.3	13.0	8.4	11.8	7.2	12.8	13.0	9.8	13.7	24	23.8	
7	8.4	9.6	7.6	5.8	11.3	9.8	11.3	8.6	6.5	5.0	9.1	12.5	10.5	5.8	5.6	6.1	6.2	6.3	9.1	9.1	9.1	9.8	7.7	14.8	24	14.8	
8	12.0	8.9	12.0	12.6	13.5	9.1	4.8	12.3	12.0	9.1	10.9	7.9	4.3	4.8	4.6	6.6	12.1	7.2	4.3	5.3	7.4	9.8	7.9	7.2	24	13.5	
9	9.1	9.6	8.6	7.4	7.2	12.8	9.1	6.4	5.6	6.2	8.9	6.8	9.4	9.9	7.5	8.7	10.1	13.8	15.2	13.8	12.3	9.4	17.6	13.5	24	17.6	
10	10.8	9.3	10.8	7.7	11.3	12.8	11.1	10.3	9.3	11.0	8.9	9.8	8.2	9.4	7.5	11.8	14.0	13.0	15.5	15.9	20.8	15.9	11.3	10.1	24	20.8	
11	8.1	7.4	7.2	5.8	5.8	12.8	7.9	6.7	8.8	10.1	7.4	9.3	14.5	15.8	10.6	12.6	12.1	10.8	9.6	7.9	7.2	9.1	7.9	5.5	24	15.8	
12	5.3	6.0	6.3	9.6	8.4	5.8	10.3	12.2	16.5	15.0	13.0	17.2	AZ	AZ	10.6	9.9	7.9	12.1	14.0	16.7	15.2	14.2	15.5	14.2	22	17.2	
13	14.5	15.5	12.5	15.0	11.3	12.0	13.5	13.7	11.6	10.8	AX	AX	11.6	11.6	2.1	16.2	3.6	-3.4	10.3	AN	18.1	-4.7	-4.7	25.9	21	25.9	
14	14.2	14.2	12.0	13.5	11.5	16.4	11.5	20.5	15.3	7.5	10.6	12.3	12.8	10.4	9.1	8.2	9.9	10.6	16.0	15.2	13.0	16.2	14.5	20.7	24	20.7	
15	11.3	18.1	15.0	12.8	11.3	14.5	10.1	11.3	10.6	11.8	12.8	11.8	13.8	12.1	11.8	10.8	14.3	15.5	14.0	16.4	16.2	17.7	16.9	15.7	24	18.1	
16	10.3	16.2	15.4	8.4	19.8	9.4	16.9	13.2	12.8	15.3	14.8	20.6	11.3	11.8	11.1	16.0	10.8	19.1	15.0	16.9	17.6	19.8	19.5	18.1	24	20.6	
17	16.7	15.7	16.2	18.9	16.2	17.4	24.9	13.5	18.7	16.7	16.7	16.2	17.0	17.2	17.5	14.0	26.0	17.9	18.9	17.1	17.6	19.4	15.0	17.4	24	26.0	
18	17.2	21.0	21.3	17.9	18.1	16.4	13.0	17.7	16.4	18.9	20.0	21.2	12.6	15.8	14.8	12.5	8.8	9.1	6.1	7.2	5.8	1.6	4.1	5.6	24	21.3	
19	3.3	2.3	5.1	6.3	6.0	5.8	2.8	3.1	4.6	4.3	9.1	6.4	6.6	8.9	9.6	11.6	13.3	7.3	3.1	11.3	8.2	3.6	2.8	2.8	24	13.3	
20	2.3	4.1	3.3	1.4	-1.5	1.1	9.1	11.3	9.2	7.3	7.3	7.0	6.4	5.4	9.4	7.0	2.6	8.0	8.7	14.5	9.1	14.2	19.4	8.6	24	19.4	
21	6.7	4.8	6.7	10.3	8.9	7.9	10.4	11.8	8.2	6.1	7.0	8.0	7.7	6.4	7.2	6.3	10.4	7.7	10.4	8.6	12.8	10.3	9.4	10.6	24	12.8	
22	11.3	10.3	16.0	8.2	9.1	12.5	9.4	8.4	6.3	6.1	7.5	8.9	8.2	11.1	9.4	8.2	12.6	10.1	12.5	15.5	8.9	18.9	12.5	14.5	24	18.9	
23	14.2	15.9	15.7	18.1	12.3	13.5	16.4	12.8	7.7	7.7	9.1	10.8	12.0	10.6	12.5	13.3	11.1	12.0	12.5	16.4	13.7	13.7	15.9	17.4	24	18.1	
24	16.4	15.5	15.4	15.2	16.4	15.4	15.2	18.8	22.6	AX	AX	17.5	6.6	13.8	8.6	5.0	8.4	8.2	15.7	7.2	8.6	13.0	14.5	16.4	22	22.6	
25	7.9	2.8	10.3	10.6	9.4	12.8	13.0	13.8	13.8	13.3	7.9	13.0	11.6	9.6	11.6	13.1	14.0	10.1	13.5	12.5	17.1	11.8	21.0	14.3	24	21.0	
26	11.8	22.0	9.8	8.9	10.1	11.1	13.8	13.0	17.6	18.9	13.0	14.5	14.7	18.2	12.3	14.5	15.4	17.1	15.0	14.5	14.0	14.8	19.8	18.6	24	22.0	
27	17.4	13.5	11.0	15.5	12.8	11.3	13.3	11.0	6.7	15.2	15.3	15.0	12.8	11.1	12.1	18.2	9.4	13.2	8.6	17.9	9.1	12.5	16.4	12.3	24	18.2	
28	12.3	14.7	17.6	14.5	14.9	19.5	15.7	16.7	11.5	9.4	9.6	11.1	11.1	7.0	8.6	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	15	19.5
29	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0
30	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0
31	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	BA	1.1	7.4	6.0	2.1	4.0	5.3	2.8	5.0	5.6	4.6	2.8	.1	12	7.4	
NO.:	28	28	28	28	28	28	28	28	28	27	26	27	28	28	29	28	28	28	28	27	28	28	28	28	28	28	
MAX:	18.6	22.0	21.3	18.9	19.8	19.5	24.9	22.1	22.6	19.8	20.0	23.8	17.0	18.2	17.5	21.3	26.0	19.1	18.9	17.9	20.8	19.8	21.0	25.9			
AVG:	11.28	11.91	11.88	11.28	11.20	12.40	12.58	12.54	12.13	11.22	11.81	12.25	10.74	10.73	9.86	10.73	10.64	10.43	11.43	12.39	12.47	12.01	12.49	13.23			

MONTHLY OBSERVATIONS: 668 MONTHLY MEAN: 11.65 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

May. 30, 2018

(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 Environmental Quality

MONITOR TYPE: SLAMS

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2015

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	6.5	5.1	2.6	2.5	3.8	6.5	8.6	8.2	6.3	AX	AX	11.3	9.9	5.3	16.2	10.4	11.1	15.4	15.0	11.8	14.5	18.9	15.2	22	18.9	
2	17.9	9.3	15.5	17.7	16.9	13.0	14.7	12.7	15.5	16.0	13.1	18.2	19.1	16.0	18.2	22.1	16.5	24.3	16.7	25.7	20.0	16.9	10.8	7.4	24	25.7	
3	9.4	10.1	10.1	11.3	10.8	13.5	10.6	13.7	11.5	11.6	18.7	12.3	11.8	12.8	9.2	15.3	15.7	17.2	18.6	21.5	19.5	20.3	24.5	22.0	24	24.5	
4	20.0	24.7	21.5	17.9	19.5	20.0	24.7	28.2	19.8	26.5	20.6	23.3	20.6	25.2	23.8	20.0	17.9	20.3	23.3	16.0	16.5	25.7	25.9	16.9	24	28.2	
5	18.6	21.3	25.2	18.4	25.9	14.5	20.5	18.1	20.3	16.9	15.5	15.9	11.8	11.8	11.5	9.1	15.0	13.3	13.5	14.0	15.2	10.6	13.0	9.6	24	25.9	
6	8.4	9.6	10.8	7.2	10.8	9.1	4.8	3.6	5.6	5.3	6.3	11.3	7.4	6.5	5.8	6.6	7.0	11.0	7.2	6.1	3.3	4.6	4.3	11.1	24	11.3	
7	7.2	8.2	7.9	10.3	9.4	5.8	4.8	6.1	7.9	8.0	7.2	5.1	4.9	6.9	7.7	8.7	7.3	12.3	7.7	3.8	6.1	14.0	8.7	6.3	24	14.0	
8	4.1	5.6	7.2	8.9	8.4	6.3	5.6	5.1	9.3	7.3	3.9	3.1	2.6	1.4	2.4	5.1	5.6	6.8	7.4	8.4	7.9	5.1	7.0	4.6	24	9.3	
9	11.6	8.4	11.8	11.6	7.0	10.1	10.6	15.0	9.4	7.0	2.9	10.4	12.1	6.6	6.3	7.5	7.5	5.9	7.0	9.4	7.4	7.9	6.3	7.4	24	15.0	
10	8.6	8.2	6.6	5.8	7.9	6.1	6.5	9.1	9.1	14.8	9.6	7.7	6.1	6.9	8.7	7.7	13.6	13.8	7.5	6.5	8.4	12.1	8.6	7.4	24	14.8	
11	7.9	6.1	6.1	8.7	10.3	7.0	6.1	5.6	5.3	5.5	3.3	1.9	2.1	.2	2.9	3.9	6.9	7.2	10.8	10.6	11.1	16.0	11.8	10.3	24	16.0	
12	17.9	17.4	15.0	9.9	8.2	13.3	11.8	20.8	12.5	10.3	14.0	12.5	16.5	17.9	16.7	13.5	12.3	14.8	12.8	9.9	11.6	7.4	7.5	5.1	24	20.8	
13	6.5	7.9	9.9	8.2	7.2	4.8	9.3	7.0	7.7	5.3	2.3	8.1	8.9	5.5	7.0	7.9	5.3	10.5	9.1	10.3	7.9	10.5	9.3	11.3	24	11.3	
14	9.1	9.1	10.8	9.5	10.0	12.2	10.0	10.1	7.9	AX	5.8	4.5	6.2	5.8	4.8	5.8	6.9	8.9	13.5	8.1	14.0	11.7	19.5	21.5	23	21.5	
15	13.9	11.2	13.0	11.7	14.7	10.0	15.2	11.0	12.3	10.3	7.9	10.8	12.0	8.4	4.0	7.2	13.2	10.6	9.1	12.3	13.5	19.0	17.1	17.3	24	19.0	
16	19.0	21.5	12.0	8.8	9.8	11.7	16.4	11.5	10.6	14.5	13.8	11.0	8.4	6.7	3.8	8.1	11.3	10.0	10.8	9.3	13.7	13.7	9.6	15.9	24	21.5	
17	14.5	16.7	13.0	11.2	16.7	16.9	17.4	12.3	17.6	10.1	11.3	8.3	8.9	7.2	7.9	8.8	7.9	13.0	10.6	12.8	16.7	16.9	11.3	14.2	24	17.6	
18	13.2	10.5	14.9	13.4	16.6	14.9	16.9	20.5	8.9	11.3	11.0	9.1	8.0	5.8	5.8	7.5	6.5	7.0	6.5	8.1	11.8	14.5	11.8	18.6	24	20.5	
19	10.8	10.3	11.3	10.1	16.9	7.9	8.4	4.8	4.3	6.3	5.3	5.8	6.6	4.1	1.9	7.7	4.6	2.5	3.5	7.2	11.3	12.8	13.2	11.3	24	16.9	
20	12.3	13.5	10.8	12.0	10.8	10.0	6.7	4.1	9.3	10.9	13.5	10.3	14.0	14.0	12.8	8.4	10.6	8.9	9.1	9.6	13.5	13.3	9.3	8.8	24	14.0	
21	12.3	14.0	11.8	15.9	11.0	6.7	10.6	10.3	10.8	8.4	6.7	8.6	9.9	7.7	6.9	9.3	9.1	8.6	6.3	11.5	10.1	12.3	11.1	8.4	24	15.9	
22	7.4	7.2	8.4	7.0	8.6	8.4	6.4	9.4	8.4	7.0	12.0	11.6	7.9	9.1	9.1	7.9	9.3	6.7	14.5	10.3	11.5	12.1	14.0	14.5	24	14.5	
23	11.8	10.8	12.8	10.8	15.0	10.6	13.5	8.1	6.5	9.3	9.8	9.8	9.8	8.8	7.4	12.0	11.5	8.9	16.7	8.9	12.0	10.6	10.3	11.3	24	16.7	
24	9.3	10.3	7.6	11.0	8.1	7.4	9.8	8.3	8.4	BA	BA	10.3	9.6	8.6	5.3	6.5	7.7	4.8	6.5	12.0	11.8	8.4	10.1	10.0	22	12.0	
25	8.1	8.6	7.9	6.4	4.3	4.0	5.8	5.3	6.2	6.3	5.1	7.7	6.3	5.1	3.5	8.9	5.8	6.0	8.6	11.1	6.4	8.4	9.1	7.2	24	11.1	
26	4.5	6.5	6.0	4.0	3.8	8.8	6.9	8.8	7.6	8.4	9.3	5.5	4.3	6.1	8.4	6.7	13.0	8.9	6.0	6.4	5.3	6.0	4.5	6.0	24	13.0	
27	4.3	4.0	13.2	8.6	8.8	6.0	10.3	9.6	7.0	8.2	9.6	7.0	13.7	9.3	10.5	13.3	11.8	8.6	10.1	14.5	12.5	9.8	10.8	11.8	24	14.5	
28	12.0	11.1	6.7	8.4	8.9	12.5	9.8	17.2	9.6	12.8	9.8	7.7	7.3	5.5	3.0	1.8	4.8	7.7	5.6	5.3	6.1	3.8	3.3	2.3	24	17.2	
29	7.9	4.3	2.3	2.8	4.1	4.1	5.3	3.8	1.9	3.8	6.8	5.9	4.6	.2	-1.7	.4	2.2	4.9	6.0	3.3	1.1	4.0	7.2	4.3	24	7.9	
30	.9	.6	3.8	3.8	5.3	13.5	8.9	11.3	12.5	13.8	11.1	7.0	8.0	8.7	7.0	7.7	7.3	5.6	8.1	5.8	1.4	1.6	3.3	3.3	24	13.8	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	28	28	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	20.0	24.7	25.2	18.4	25.9	20.0	24.7	28.2	20.3	26.5	20.6	23.3	20.6	25.2	23.8	22.1	17.9	24.3	23.3	25.7	20.0	25.7	25.9	22.0			
AVG:	10.34	10.45	10.63	9.80	10.61	9.76	10.49	10.67	9.73	10.08	9.51	9.33	9.36	8.29	7.53	9.05	9.48	10.00	10.28	10.46	10.65	11.48	11.07	10.71			

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 9.99 MONTHLY MAX: 28.2

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS

REPORT FOR: OCTOBER 2015

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 Environmental Quality

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	5.3	4.8	2.3	1.1	4.0	1.8	1.6	2.1	4.0	2.3	.1	1.8	3.5	7.4	4.5	3.3	2.5	2.3	3.5	5.8	5.0	6.2	4.5	2.5	24	7.4	
2	5.0	5.3	10.3	6.7	3.3	6.0	4.0	5.3	3.5	.9	2.1	3.8	2.3	.9	3.0	5.0	4.3	2.0	7.9	5.3	2.0	3.8	4.3	4.3	24	10.3	
3	6.7	5.0	7.9	6.2	7.2	7.2	4.5	3.0	3.3	4.3	5.0	4.3	2.8	7.2	9.8	6.2	3.5	3.3	5.8	3.0	-1.5	2.1	1.8	8.4	24	9.8	
4	5.3	2.1	.0	2.0	4.8	3.8	4.0	2.5	1.3	5.3	3.8	-2.0	-3.0	-5	3.3	5.3	2.8	6.7	8.8	8.3	7.9	4.8	5.3	5.3	24	8.8	
5	4.3	.8	2.3	5.3	6.9	7.4	9.3	7.4	6.9	8.8	5.8	11.0	12.0	17.1	7.4	11.5	9.1	15.6	9.1	7.2	13.7	9.3	13.5	8.8	24	17.1	
6	7.9	6.7	11.5	7.9	9.0	11.0	12.7	8.1	11.5	8.9	6.7	7.2	7.9	8.1	7.9	9.3	8.4	8.4	11.3	13.2	13.4	10.0	9.8	7.8	24	13.4	
7	12.0	10.0	8.1	12.0	8.6	12.7	13.4	14.2	11.3	7.6	7.0	11.8	7.9	5.3	10.4	10.3	10.8	13.5	11.8	11.3	15.5	16.4	16.4	12.0	24	16.4	
8	14.7	12.7	12.7	17.6	12.2	14.4	16.1	16.2	9.6	AX	7.7	9.1	9.6	10.1	9.6	13.0	15.2	13.5	8.6	21.0	13.7	19.3	18.4	16.9	23	21.0	
9	20.5	19.7	19.7	16.9	18.6	17.8	23.7	18.6	13.0	14.0	9.8	15.2	11.1	14.0	9.8	9.4	13.2	15.0	16.2	11.0	15.0	15.4	14.0	12.5	24	23.7	
10	15.2	12.3	16.7	13.0	11.0	9.1	10.3	11.3	16.2	14.2	14.5	15.9	6.9	13.7	14.2	13.9	7.6	5.8	13.2	13.5	8.6	7.6	8.6	9.5	24	16.7	
11	8.3	5.8	7.4	8.1	8.6	10.8	10.8	7.6	6.0	7.4	4.8	3.3	7.6	5.0	5.0	5.5	7.2	10.3	7.2	17.1	12.0	9.0	12.0	9.0	24	17.1	
12	11.0	9.3	9.6	10.0	11.5	13.2	8.8	12.5	7.2	9.1	6.7	9.1	8.4	7.7	7.7	10.1	13.0	14.0	10.1	10.8	15.0	13.2	15.2	16.2	24	16.2	
13	14.7	14.4	11.3	11.5	11.7	11.7	9.5	11.0	8.4	11.0	8.1	8.4	13.0	16.6	13.0	16.6	9.8	19.1	19.3	20.3	17.4	24.2	20.5	18.3	24	24.2	
14	21.7	15.9	19.2	19.2	14.9	15.6	15.2	13.9	14.7	9.3	10.5	7.9	6.7	8.1	5.7	7.2	9.8	8.3	10.5	11.7	15.9	15.9	13.0	12.2	24	21.7	
15	9.5	10.8	14.0	13.4	14.4	10.8	10.8	11.0	8.6	9.3	6.2	2.0	3.8	6.7	4.0	4.0	9.1	10.1	9.3	15.9	14.2	11.2	14.4	13.9	24	15.9	
16	16.8	15.9	14.4	16.6	12.0	13.4	10.5	16.4	13.5	13.2	15.0	8.6	5.5	16.4	15.4	11.3	10.3	16.6	72.7	27.9	17.3	14.7	18.1	17.4	24	72.7	
17	18.1	13.4	14.4	15.6	8.1	13.7	11.0	12.2	9.1	6.9	4.8	6.4	7.7	5.3	6.2	11.8	8.9	12.5	13.7	10.0	10.7	8.3	6.4	9.3	24	18.1	
18	12.2	10.5	11.2	8.1	9.5	12.4	11.5	10.0	10.2	7.1	6.4	5.4	4.8	6.2	9.5	9.1	7.8	11.7	14.2	10.2	10.0	12.7	14.4	10.7	24	14.4	
19	11.0	11.7	8.3	8.5	10.0	8.3	13.2	11.9	8.5	9.2	6.4	7.1	6.4	7.9	6.4	7.9	11.0	18.3	16.4	16.1	16.1	13.7	16.1	20.2	24	20.2	
20	18.3	16.1	16.3	16.3	21.9	17.5	17.3	15.6	17.6	14.2	10.0	10.7	11.2	10.8	9.5	13.4	12.2	16.6	21.7	18.5	17.3	19.2	20.4	14.1	24	21.9	
21	21.7	20.4	17.8	22.6	21.4	20.9	18.3	20.7	20.9	13.2	14.4	12.2	11.5	9.1	12.7	12.0	10.5	15.7	13.9	13.2	17.5	21.4	17.8	14.2	24	22.6	
22	18.7	19.9	16.8	17.1	17.6	18.4	17.8	16.3	14.4	17.1	AX	AX	13.0	11.5	14.2	13.4	14.2	14.2	16.4	15.9	19.7	21.7	22.9	19.7	22	22.9	
23	14.7	17.8	15.9	16.1	14.7	13.9	13.9	16.6	20.5	12.5	16.1	14.9	12.9	15.9	15.4	16.4	18.3	16.9	23.5	24.9	25.9	25.9	20.7	17.8	24	25.9	
24	15.6	19.7	12.7	18.1	12.2	18.1	12.7	13.4	11.2	9.5	5.8	9.5	8.4	6.9	5.3	9.8	8.8	11.5	15.9	13.2	14.9	12.9	16.1	14.9	24	19.7	
25	11.5	9.3	9.5	8.1	9.0	10.7	11.0	12.7	9.3	10.8	9.1	12.0	9.3	9.6	13.0	17.6	17.9	15.7	20.5	18.6	12.2	8.8	12.2	11.3	24	20.5	
26	11.3	12.7	9.8	9.8	8.1	9.0	9.8	7.1	5.7	4.5	3.7	5.0	3.5	4.2	3.2	4.7	4.7	6.4	8.8	9.3	8.3	6.9	6.9	4.0	24	12.7	
27	8.8	8.8	6.6	8.1	6.7	6.4	9.3	9.0	5.0	5.2	5.9	5.9	6.2	8.6	6.9	6.1	4.7	3.5	2.5	3.0	5.2	7.1	6.4	6.9	24	9.3	
28	5.0	4.5	3.5	3.7	5.3	5.8	6.7	5.3	4.8	3.8	5.1	6.2	4.3	2.6	2.3	5.6	7.9	8.2	4.8	6.2	4.6	4.3	3.3	4.0	24	8.2	
29	5.6	3.6	5.8	6.7	6.7	8.4	7.7	14.0	12.3	10.6	11.5	11.3	11.8	12.3	15.0	13.3	14.7	13.5	13.2	17.6	8.8	18.1	13.7	13.5	24	18.1	
30	14.7	11.8	13.7	14.2	11.0	11.7	8.1	10.5	AN	9.3	5.8	7.2	8.2	7.0	7.0	4.3	7.9	8.6	AN	AN	AN	AN	AN	AN	AN	17	14.7
31	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	
NO.:	30	30	30	30	30	30	30	30	29	29	29	29	30	30	30	30	30	30	29	29	29	29	29	29	29		
MAX:	21.7	20.4	19.7	22.6	21.9	20.9	23.7	20.7	20.9	17.1	16.1	15.9	13.0	17.1	15.4	17.6	18.3	19.1	72.7	27.9	25.9	25.9	22.9	20.2			
AVG:	12.20	11.06	10.99	11.35	10.70	11.40	11.12	11.21	9.95	8.95	7.54	7.97	7.51	8.72	8.58	9.58	9.54	11.26	14.17	13.10	12.29	12.56	12.66	11.57			

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: 10.66 MONTHLY MAX: 72.7

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

May. 30, 2018

(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 Environmental Quality

MONITOR TYPE: SLAMS

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2015

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	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		
2	AN	AN	AN	AN	AN	AN	AN	AN	AN	AX	2.7	1.6	2.5	5.3	4.8	7.9	7.9	6.5	10.8	8.6	11.0	9.3	11.3	14.0	14	14.0	
3	9.6	11.3	8.6	9.3	9.8	11.5	13.0	10.5	13.5	20.5	17.9	17.9	12.0	18.4	18.6	19.0	18.1	19.5	15.9	17.6	19.8	20.0	18.4	19.0	24	20.5	
4	19.0	19.5	20.0	23.5	21.2	11.3	12.0	10.5	7.2	17.6	20.0	17.7	13.5	14.5	17.2	16.9	14.5	12.8	16.0	21.5	19.3	18.9	21.8	29.0	24	29.0	
5	25.5	27.7	27.2	21.8	19.5	20.8	17.2	18.1	19.8	19.8	20.0	13.8	18.9	BA	11.8	8.2	16.2	11.8	15.5	12.8	13.3	20.3	12.5	13.5	23	27.7	
6	21.0	15.0	15.0	20.8	19.5	16.4	12.5	9.6	7.2	8.4	9.8	12.5	9.1	15.0	9.4	10.6	12.0	12.0	11.6	10.1	14.8	11.5	12.8	10.8	24	21.0	
7	9.6	14.8	10.8	8.2	9.1	11.1	10.8	14.3	11.8	7.7	5.8	3.3	3.8	6.7	11.1	5.3	5.8	8.2	11.8	10.8	10.6	15.7	6.7	6.4	24	15.7	
8	6.2	11.8	14.0	11.3	14.5	11.3	12.0	16.6	7.6	7.4	11.0	10.3	9.1	6.4	6.4	8.8	6.9	6.7	12.2	10.0	15.4	12.0	12.0	9.8	24	16.6	
9	7.9	10.3	6.4	8.1	7.9	7.6	10.3	8.3	6.7	4.5	6.7	4.8	4.3	AV	9.8	8.1	5.0	5.0	3.5	3.5	4.8	7.2	6.0	4.0	23	10.3	
10	3.8	4.0	5.3	7.6	8.1	7.6	4.3	4.8	5.8	8.3	5.8	4.8	6.7	4.5	1.8	3.1	5.3	8.9	15.9	14.0	10.8	8.3	7.9	4.3	24	15.9	
11	4.0	4.0	3.5	9.1	7.7	7.9	7.4	7.4	5.5	5.0	4.3	6.5	6.0	4.8	7.2	8.9	7.2	13.5	13.2	19.0	12.7	22.0	22.2	22.5	24	22.5	
12	20.5	21.7	21.7	22.5	17.6	15.2	18.5	20.0	11.0	11.7	AZ	7.9	7.9	7.2	8.9	9.4	7.9	10.3	8.9	10.1	16.7	14.9	10.5	9.8	23	22.5	
13	7.6	6.4	9.3	6.2	5.9	7.9	10.0	9.0	8.6	5.7	2.1	4.0	4.5	5.8	5.0	4.1	4.3	7.2	5.0	7.6	8.1	7.9	9.5	10.2	24	10.2	
14	6.9	4.2	3.7	5.2	4.5	6.2	7.4	5.9	5.2	4.5	4.8	5.7	4.5	5.4	6.0	4.3	4.5	7.6	9.0	10.2	19.7	28.9	27.2	27.2	24	28.9	
15	22.2	20.5	19.4	21.7	27.9	15.4	16.4	11.0	14.9	11.7	9.3	7.6	6.9	3.8	.6	5.5	11.9	11.7	16.4	19.7	22.4	20.9	25.8	23.9	24	27.9	
16	23.7	26.6	21.7	24.4	26.6	21.7	23.7	22.2	12.7	16.6	13.2	9.8	13.7	13.7	9.8	11.3	11.2	19.2	12.7	20.2	18.0	18.0	19.9	18.0	24	26.6	
17	18.2	20.2	19.4	17.1	16.8	15.4	18.2	22.7	23.9	17.1	11.0	12.7	10.3	9.1	12.7	12.2	15.6	17.6	16.6	16.6	14.7	11.7	11.7	9.8	24	23.9	
18	7.9	9.3	9.8	7.1	5.9	8.1	4.5	6.6	7.8	6.2	8.6	8.3	5.8	AX	AX	10.3	8.6	8.1	8.8	6.2	5.0	6.9	4.8	1.3	22	10.3	
19	4.8	4.8	4.0	2.0	8.6	6.0	3.0	1.8	.8	8.8	6.2	3.3	5.0	4.8	6.4	5.5	7.0	8.6	10.1	13.5	9.3	13.2	8.8	11.0	24	13.5	
20	8.1	6.7	7.6	9.3	7.9	6.2	10.0	7.6	5.0	5.7	5.0	3.8	2.5	2.5	3.3	3.3	5.7	9.8	13.2	9.0	8.6	7.9	12.5	9.8	24	13.2	
21	8.1	13.9	12.9	9.3	7.8	11.9	9.0	9.0	6.2	4.2	4.8	3.5	4.8	4.8	6.9	8.4	10.3	10.5	16.8	18.7	17.8	19.2	18.1	20.0	24	20.0	
22	18.7	17.8	16.4	20.0	18.1	15.9	18.7	8.1	6.2	6.9	7.4	8.3	5.2	6.1	7.4	6.4	5.2	7.8	6.2	10.3	11.5	8.1	8.8	8.8	24	20.0	
23	5.9	7.6	7.6	5.7	3.2	6.1	8.1	6.1	7.6	5.7	4.0	4.2	4.7	6.4	5.9	5.4	5.4	10.7	17.1	20.5	26.1	27.4	28.4	19.7	24	28.4	
24	27.1	23.6	22.2	13.7	12.2	11.9	10.9	9.2	11.7	10.2	10.0	5.2	2.3	5.3	5.4	6.9	8.6	12.7	14.9	19.7	18.5	22.2	21.4	18.5	24	27.1	
25	18.4	20.9	14.2	13.9	12.7	16.6	17.1	15.6	16.8	17.1	11.0	6.4	9.1	16.1	7.6	8.3	10.0	12.2	11.7	21.9	13.6	14.2	16.1	13.4	24	21.9	
26	10.2	13.2	12.7	11.7	11.9	13.2	10.5	17.1	10.5	11.0	9.1	5.5	4.3	7.2	5.9	3.3	2.8	9.0	9.3	7.6	9.0	7.6	15.8	11.2	24	17.1	
27	8.5	10.2	12.7	8.8	8.5	10.2	5.6	9.5	8.8	8.6	7.9	6.9	4.5	2.8	4.0	4.0	4.8	8.6	9.8	11.5	11.2	15.2	20.5	17.3	24	20.5	
28	14.4	19.5	15.9	14.2	12.9	15.6	17.3	16.8	20.2	19.7	4.3	4.3	11.3	8.3	7.9	10.8	12.2	13.7	16.4	21.7	18.1	27.9	30.4	23.4	24	30.4	
29	21.2	17.3	18.3	21.2	22.4	21.7	19.5	17.8	22.0	17.4	14.4	9.6	7.6	8.4	11.0	9.3	10.3	14.7	15.2	11.3	13.0	13.7	15.4	10.2	24	22.4	
30	9.8	7.8	5.2	4.2	4.0	5.5	3.5	.6	.1	4.0	3.0	5.0	6.9	6.2	5.0	3.8	3.0	2.8	4.3	3.5	5.3	4.5	5.0	5.3	24	9.8	
31																										0	
NO.:	28	28	28	28	28	28	28	28	28	28	29	29	29	26	28	29	29	29	29	29	29	29	29	29	29		
MAX:	27.1	27.7	27.2	24.4	27.9	21.7	23.7	22.7	23.9	20.5	20.0	17.9	18.9	18.4	18.6	19.0	18.1	19.5	17.1	21.9	26.1	28.9	30.4	29.0			
AVG:	13.17	13.95	13.05	12.78	12.60	12.01	11.84	11.31	10.18	10.43	8.58	7.42	7.16	7.67	7.78	7.91	8.56	10.61	12.03	13.37	13.76	15.02	15.25	13.87			

MONTHLY OBSERVATIONS: 681 MONTHLY MEAN: 11.27 MONTHLY MAX: 30.4

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

May. 30, 2018

(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 Environmental Quality

MONITOR TYPE: SLAMS

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2015

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	5.0	3.0	1.3	2.5	3.3	3.5	6.7	6.4	6.7	6.2	AX	13.3	4.5	10.0	7.7	13.0	12.6	16.2	11.8	9.1	10.3	10.8	10.1	23	16.2		
2	11.8	8.9	9.2	10.1	9.6	6.0	6.0	4.8	3.6	8.2	6.3	6.0	7.9	9.6	15.2	7.5	5.6	7.0	7.7	8.2	7.0	4.8	3.8	7.9	24	15.2		
3	7.2	9.8	7.2	6.5	5.7	6.2	8.8	7.6	5.0	5.0	4.8	3.6	4.1	2.6	4.8	4.8	6.0	6.9	6.4	10.7	7.9	8.8	7.9	6.4	24	10.7		
4	7.2	11.5	8.8	5.9	10.8	7.2	9.8	10.8	11.3	10.5	10.0	7.0	5.7	7.2	7.7	6.0	8.9	10.7	13.7	12.7	18.5	17.1	14.7	15.9	24	18.5		
5	12.0	16.4	12.2	15.7	11.7	12.0	13.7	14.4	14.2	12.0	11.5	14.5	13.7	8.9	13.8	12.3	9.1	9.0	12.2	21.7	18.3	15.9	13.2	15.2	24	21.7		
6	15.7	16.4	18.1	18.1	16.9	17.4	16.4	12.5	13.7	14.2	10.1	6.7	8.4	7.4	8.6	8.6	6.7	12.5	18.1	17.8	13.9	13.7	21.4	17.6	24	21.4		
7	18.0	15.9	13.9	12.7	15.9	14.4	19.7	18.1	18.3	13.8	14.0	19.3	13.5	14.7	13.5	11.1	13.5	13.7	13.4	16.4	18.7	15.9	16.1	20.2	24	20.2		
8	18.0	14.7	20.2	13.7	12.2	14.7	10.0	10.8	11.5	11.0	10.7	11.3	12.3	17.2	10.1	10.8	13.0	16.9	19.5	14.4	15.2	16.6	16.9	12.0	24	20.2		
9	15.4	14.9	11.5	17.6	10.8	13.7	14.2	16.6	11.2	18.7	13.5	18.7	12.3	10.3	7.7	14.2	10.8	12.5	16.9	12.0	18.6	16.7	14.5	18.4	24	18.7		
10	20.0	15.7	18.1	20.7	17.7	16.9	16.9	18.7	17.2	20.0	15.7	14.5	AX	AX	13.8	10.3	15.0	20.6	20.5	20.3	27.5	28.5	23.5	20.5	22	28.5		
11	18.8	26.0	24.8	25.0	20.3	21.8	23.7	20.3	24.5	20.3	23.5	14.0	19.3	15.7	15.7	16.2	22.5	18.4	19.8	24.9	25.4	27.7	25.4	24.2	24	27.7		
12	26.7	26.7	22.8	21.0	19.0	24.5	21.0	21.3	16.4	18.4	13.5	12.0	11.8	8.9	12.8	11.1	15.5	26.2	45.5	29.5	41.2	29.0	41.4	29.2	24	45.5		
13	33.8	31.5	26.7	39.0	32.8	31.4	30.0	21.3	24.2	20.0	18.7	15.0	17.2	14.8	13.3	12.0	13.5	16.7	23.5	22.8	24.0	20.5	18.4	12.5	24	39.0		
14	8.2	5.8	6.5	5.6	5.1	4.3	5.7	7.2	5.6	4.8	3.1	3.1	5.6	6.5	5.3	5.1	4.8	4.3	6.3	9.6	8.4	4.9	3.8	5.1	24	9.6		
15	3.1	1.1	5.6	7.9	8.4	7.5	6.5	9.9	9.6	9.6	11.8	7.7	4.6	8.9	7.7	9.6	6.5	8.2	16.5	12.3	22.3	16.0	16.0	14.8	24	22.3		
16	16.0	12.5	15.2	7.7	6.2	9.6	9.1	8.1	11.1	8.2	9.4	7.7	9.9	6.5	9.4	7.9	13.5	9.4	10.3	12.5	12.3	14.0	10.3	9.1	24	16.0		
17	10.3	10.8	7.2	6.0	7.7	11.3	9.9	13.8	11.1	12.5	8.4	11.8	10.8	12.8	11.6	6.7	5.8	8.4	9.4	9.6	9.6	6.7	11.1	10.8	24	13.8		
18	8.2	11.8	12.3	11.1	8.4	7.2	5.3	12.3	10.1	9.9	7.9	5.8	7.2	6.7	8.2	7.4	6.7	8.9	9.8	9.6	11.7	8.5	11.7	8.1	24	12.3		
19	10.0	11.5	8.6	5.5	5.3	5.5	3.5	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	7	11.5	
20	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0	
21	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AX	9.3	16.4	13.0	8.6	10.3	10.3	9.8	20.0	22.0	17.1	15.0	18.1	17.1	15.7	14	22.0	
22	17.2	17.6	14.7	16.9	16.7	18.3	19.5	22.9	16.7	10.3	7.0	3.8	5.3	7.2	7.5	5.5	6.2	5.6	5.8	8.4	7.2	5.3	6.2	7.9	24	22.9		
23	8.6	8.1	6.7	4.8	3.1	4.5	3.6	2.6	4.3	4.8	3.6	5.1	3.1	2.8	4.1	5.8	5.6	6.3	7.5	5.1	3.1	3.8	4.8	7.2	24	8.6		
24	6.1	3.1	1.9	2.4	6.1	8.6	9.4	13.5	11.1	10.1	12.1	11.6	11.8	12.5	11.3	10.6	12.8	11.3	9.1	11.3	14.5	10.1	12.1	9.9	24	14.5		
25	8.7	9.4	10.9	9.2	9.9	6.2	8.4	6.8	11.3	10.6	11.6	12.1	10.1	15.8	16.0	13.3	15.7	11.8	13.3	12.3	10.6	15.0	14.5	10.1	24	16.0		
26	6.5	7.7	6.1	6.5	9.9	10.1	8.7	7.5	9.4	9.2	10.6	6.3	12.8	7.7	6.5	9.9	14.5	9.6	13.5	9.4	8.7	12.3	11.1	10.8	24	14.5		
27	10.1	9.9	10.4	10.6	10.6	9.2	5.8	2.6	5.4	5.8	4.8	2.6	3.9	4.8	8.2	7.5	7.7	10.9	7.9	8.9	7.5	5.1	6.2	4.8	24	10.9		
28	6.8	7.0	10.1	7.0	9.2	6.5	6.3	9.4	8.0	6.5	5.1	5.1	2.9	5.6	4.9	6.5	5.3	3.1	3.6	5.6	5.4	4.9	5.1	5.6	24	10.1		
29	5.6	8.0	8.9	5.9	4.6	6.3	5.8	5.1	11.1	9.1	8.7	9.4	7.2	5.4	8.0	6.8	7.9	12.8	11.3	14.3	9.6	8.9	8.4	AW	23	14.3		
30	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	BA	BA	BA	BA	BA	BA	BA	BA	1.7	5.4	2.6	.2	4.1	9.4	6	9.4	
31	5.9	3.4	5.4	6.8	6.5	4.3	5.4	9.9	8.9	10.9	8.4	5.6	7.3	7.2	6.3	7.0	7.2	6.3	8.2	8.4	6.3	9.4	7.9	9.4	24	10.9		
NO.:	28	28	28	28	28	28	28	27	27	27	28	27	27	27	28	28	28	28	29	29	29	29	29	29	28			
MAX:	33.8	31.5	26.7	39.0	32.8	31.4	30.0	22.9	24.5	20.3	23.5	19.3	19.3	17.2	16.0	16.2	22.5	26.2	45.5	29.5	41.2	29.0	41.4	29.2				
AVG:	12.16	12.18	11.68	11.47	10.84	11.03	10.95	11.69	11.53	11.15	10.01	9.51	9.44	8.92	9.73	9.02	10.11	11.45	13.43	13.21	13.80	12.71	13.05	12.46				

MONTHLY OBSERVATIONS: 671 MONTHLY MEAN: 11.34 MONTHLY MAX: 45.5

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

May. 30, 2018

(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: 36.221944
 LONGITUDE: -81.663056
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 945
 PROBE HEIGHT: 2

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

REPORT FOR: 2015

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			6.6					7.5				
2		3.3				3.0	7.5				1.7 V	2.0
3	AR			5.9	7.9				14.6	.5 V		
4			4.8					8.6				
5		3.0				5.8	AJ				1.7 V	8.7
6	AR			5.3	11.4				9.0	2.2		
7								3.2				
8		4.7	AN			9.0	7.7				3.5	8.5
9	AR			8.3	7.9				3.7	7.2		
10			7.8					7.0				
11		6.2 V				7.6	8.0				4.4	9.4
12	AR			AJ	7.7				4.0	4.4		
13			4.0					6.7				
14		6.9 V				6.9	3.9				2.0	1.2 V
15	4.4 V			.8 V	11.2				4.9	3.4		
16	5.8		2.3					AJ				
17	7.0 V	7.7 V				6.9	11.1				9.9	4.9
18	3.2			AJ	5.7				7.5	3.7		
19	3.1		6.1					3.8				
20		7.7 V				5.4	10.1				3.4	4.3
21	6.5			4.2	5.4				3.0	5.7		
22			6.7					8.7				
23		8.1				10.5	9.3				2.7	1.1 V
24	4.3			2.7	7.6				3.7	13.5		
25			7.2					6.0				
26		8.8				10.7	10.6				10.0	1.8 V
27	5.5 V			7.4	2.6				.5 V	1.2 V		
28			3.2					11.6				
29						5.8	9.1				4.2	3.0
30	2.6			7.7	7.0				1.7 V	4.2		
31			5.1					6.6				
NO.:	9	9	10	8	10	10	9	10	10	10	10	10
MAX:	7.0	8.8	7.8	8.3	11.4	10.7	11.1	11.6	14.6	13.5	10.0	9.4
MEAN:	4.71	6.27	5.38	5.29	7.44	7.16	8.59	6.97	5.26	4.60	4.35	4.49
ANNUAL OBSERVATIONS:		115		ANNUAL MEAN:	5.87	ANNUAL MAX:	14.6					

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-189-0003 POC: 3
 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: 36.221944
 LONGITUDE: -81.663056
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 945
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality

MONITOR TYPE: SFM

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2015

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	8.7	8.4	5.9	5.5	8.4	6.7	5.9	6.4	5.9	4.0	5.0	5.2	3.3	2.3	7.7	8.7	7.4	5.5	8.2	11.6	10.4	9.1	8.5	8.2	24	11.6	
2	8.4	10.9	7.4	6.9	7.4	6.4	9.1	7.7	5.9	5.0	5.5	4.5	8.7	7.4	7.4	4.8	6.2	9.2	7.7	7.7	10.4	19.5	15.2	11.9	24	19.5	
3	15.4	10.4	18.8	16.4	16.4	10.9	18.3	14.9	14.1	10.9	9.9	7.2	7.2	5.0	6.7	10.2	8.2	6.2	4.8	6.2	9.4	5.5	7.4	7.2	24	18.8	
4	5.5	3.5	3.5	5.7	5.5	5.9	6.2	7.7	8.7	7.4	5.2	3.3	3.3	4.3	4.5	2.3	2.5	14.6	8.7	9.2	8.2	10.9	7.2	9.9	24	14.6	
5	7.7	10.1	9.6	13.1	10.4	14.3	11.6	11.4	13.3	13.8	11.4	12.4	12.1	11.1	7.7	10.9	12.1	10.4	11.4	10.9	9.9	10.6	14.3	43.2	24	43.2	
6	19.5	18.3	27.1	6.0	7.7	12.1	9.9	14.5	11.9	9.2	8.9	7.4	10.2	9.9	15.6	9.7	12.1	9.6	12.9	14.3	11.1	11.1	14.3	10.9	24	27.1	
7	13.8	11.1	11.4	11.4	12.9	11.1	12.1	12.9	12.6	12.6	12.9	12.8	AX	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	12	13.8
8	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
9	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
10	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
11	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
12	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
13	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	5.5	6.0	3.8	3.6	5.3	5.3	5.0	6.5	7.2	7.5	6.7	6.2	12	7.5	
14	4.8	3.5	11.9	8.4	5.0	4.3	7.5	7.5	8.2	6.0	3.5	2.0	4.5	2.8	2.1	2.3	1.8	2.0	2.1	2.1	4.0	5.3	5.0	6.2	24	11.9	
15	7.5	8.5	7.2	6.9	5.7	4.8	3.3	7.7	18.6	16.4	5.5	4.0	4.3	3.3	.0	.0	.4	3.0	3.5	5.3	5.3	4.0	4.1	8.5	24	18.6	
16	7.5	5.0	4.1	3.3	3.8	4.8	6.0	5.3	6.0	6.0	4.1	1.8	3.5	7.0	5.5	7.7	10.9	9.4	9.9	9.2	8.7	9.9	8.5	14.9	24	14.9	
17	8.2	18.1	10.9	14.1	14.7	7.2	8.5	10.2	14.1	13.6	6.2	.0	3.5	5.8	4.1	4.0	5.7	4.3	4.8	11.7	7.5	4.5	10.7	8.5	24	18.1	
18	6.7	4.5	4.0	4.1	3.8	3.0	8.0	8.9	5.7	3.8	5.7	5.7	6.0	8.7	7.5	4.3	1.4	.7	.0	1.5	1.5	.6	2.5	1.8	24	8.9	
19	.9	5.3	2.3	1.6	2.6	.6	.6	1.1	.9	.0	1.1	.9	.0	.0	.9	4.0	2.3	5.3	7.0	6.2	8.9	6.5	6.2	5.2	24	8.9	
20	5.5	4.5	4.0	3.0	6.5	7.0	5.0	4.0	5.5	4.8	3.5	3.1	1.6	.6	4.3	2.6	2.8	6.7	4.1	10.9	9.4	8.9	12.9	8.5	24	12.9	
21	9.2	12.6	13.1	15.4	15.4	17.1	12.2	12.4	11.4	10.4	9.0	6.0	4.6	2.8	5.8	3.6	5.7	5.3	5.5	3.1	4.0	5.3	6.0	3.5	24	17.1	
22	.4	2.8	5.3	5.3	3.0	2.8	3.8	5.3	4.0	1.1	2.3	4.8	1.1	.0	.0	.0	.9	1.5	2.3	8.2	25.9	19.0	14.1	28.0	24	28.0	
23	23.4	19.5	16.2	15.4	5.8	5.5	5.0	4.0	8.5	9.4	8.2	7.2	9.7	7.7	9.9	9.4	9.0	7.5	5.3	4.1	4.3	3.1	2.3	6.7	24	23.4	
24	13.9	16.4	12.9	7.0	2.1	3.1	6.0	4.6	2.8	2.8	2.3	2.1	3.3	4.6	6.5	7.5	11.2	10.9	10.2	10.2	7.2	7.5	11.6	8.0	24	16.4	
25	6.5	9.7	12.9	9.9	15.0	8.7	11.9	11.7	10.2	8.7	5.3	1.6	1.2	.0	.0	.2	.0	1.4	6.0	5.5	5.5	4.1	5.0	6.7	24	15.0	
26	4.8	10.2	8.7	15.7	8.0	9.2	13.4	8.5	5.8	5.0	3.8	.4	1.2	3.1	7.0	8.2	5.5	5.0	6.7	4.3	2.3	6.2	7.5	7.2	24	15.7	
27	6.2	6.0	6.5	6.2	5.8	7.2	8.7	9.0	8.9	7.2	8.5	9.2	6.0	7.2	5.3	8.2	7.4	5.0	4.0	4.3	4.3	7.0	6.0	8.0	24	9.2	
28	7.7	4.1	3.8	3.3	4.3	8.0	6.2	4.1	2.8	3.1	7.7	7.7	BA	5.5	4.6	1.4	.2	3.1	3.8	6.2	6.2	5.8	6.8	12.2	23	12.2	
29	18.6	34.2	35.7	24.4	24.2	24.4	24.7	26.2	14.8	12.9	7.5	4.6	4.6	4.3	7.5	11.4	14.4	15.7	14.5	13.2	16.4	16.0	7.5	11.2	24	35.7	
30	14.1	7.2	3.1	4.3	3.8	2.6	3.6	5.1	4.6	4.6	3.1	2.1	1.3	1.9	.0	2.4	4.1	3.6	3.6	5.1	2.8	.0	.0	1.9	24	14.1	
31	2.1	.7	1.1	.0	.2	3.6	4.6	4.8	3.6	1.8	.9	.2	.0	.0	.0	.0	.0	3.1	3.1	.0	8.0	6.3	5.1	6.5	24	8.0	
NO.:	25	25	25	25	25	25	25	25	25	25	25	25	24	25	25	25	25	25	25	25	25	25	25	25	25		
MAX:	23.4	34.2	35.7	24.4	24.2	24.4	24.7	26.2	18.6	16.4	12.9	12.8	12.1	11.1	15.6	11.4	14.4	15.7	14.5	14.3	25.9	19.5	15.2	43.2			
AVG:	9.08	9.82	9.90	8.53	7.94	7.65	8.48	8.64	8.35	7.22	5.88	4.65	4.45	4.45	4.98	5.10	5.50	6.17	6.20	7.10	7.95	7.77	7.82	10.04			

MONTHLY OBSERVATIONS: 599 MONTHLY MEAN: 7.24 MONTHLY MAX: 43.2

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-189-0003 POC: 3
 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: 36.221944
 LONGITUDE: -81.663056
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 945
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality

MONITOR TYPE: SFM

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2015

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	7.0	7.0	4.8	.2	4.8	6.5	9.7	7.5	7.0	6.0	5.8	7.2	11.4	9.7	10.5	10.7	10.0	10.4	7.0	6.5	7.0	4.1	1.2	24	11.4	
2	.0	.0	.0	.0	.0	.2	.0	1.2	3.1	2.6	2.1	4.3	4.3	4.8	7.5	5.1	5.8	7.0	6.5	5.8	8.7	6.3	4.3	6.0	24	8.7	
3	4.3	4.6	6.0	8.5	7.5	5.3	2.4	7.3	6.5	4.1	5.5	3.3	.0	.0	.0	2.3	1.6	1.2	3.8	5.1	5.5	3.6	3.9	6.8	24	8.5	
4	11.7	8.5	9.9	10.2	11.9	11.7	8.7	9.0	16.7	6.5	6.3	AX	BA	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	11	16.7
5	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	
6	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	
7	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	
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	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
10	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	
11	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	
12	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	
13	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	
14	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	
15	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	
16	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	
17	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	
18	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	
19	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	
20	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	
21	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	
22	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	
23	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	
24	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	
25	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	
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																										0	
30																										0	
31																										0	
NO.:	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
MAX:	11.7	8.5	9.9	10.2	11.9	11.7	8.7	9.7	16.7	7.0	6.3	5.8	7.2	11.4	9.7	10.5	10.7	10.0	10.4	7.0	6.5	7.0	4.1	1.2	6.8		
AVG:	6.63	5.03	5.73	5.88	4.90	5.50	4.40	6.80	8.45	5.05	4.98	4.47	3.83	5.40	5.73	5.97	6.03	6.07	6.90	5.97	6.90	5.63	4.10	4.67			

MONTHLY OBSERVATIONS: 83 MONTHLY MEAN: 5.64 MONTHLY MAX: 16.7

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-189-0003 POC: 3
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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: 36.221944
 LONGITUDE: -81.663056
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 945
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2015

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	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	
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	AX	AT	BA	BA	BA	BA	9.8	11.0	12.2	15.5	20.3	11.0	5.1	7	20.3	
4	.0	3.4	4.6	2.7	3.6	6.6	3.9	6.1	6.6	1.7	.0	.0	.0	2.4	3.1	1.7	4.7	10.8	10.5	7.3	7.1	4.9	8.1	6.6	24	10.8	
5	3.7	.0	.0	.0	.8	.5	.0	.0	2.9	3.4	4.4	3.2	2.4	.7	.0	1.7	3.6	5.4	3.4	1.9	5.1	5.1	7.5	6.1	24	7.5	
6	3.4	6.1	7.1	7.5	6.6	8.3	9.8	7.5	6.8	4.6	3.1	6.8	5.6	3.9	4.1	4.9	3.6	2.4	5.3	3.6	1.9	4.9	3.9	5.6	24	9.8	
7	9.0	5.6	4.6	4.1	4.1	3.6	5.6	4.1	1.2	3.1	3.9	2.1	.0	.5	1.5	1.0	2.1	3.1	4.4	3.1	2.4	2.1	2.1	.7	24	9.0	
8	.0	2.6	1.9	3.9	3.6	1.4	3.1	3.4	2.4	6.8	4.4	1.9	1.2	.0	1.5	2.7	.5	1.5	2.4	2.9	4.4	5.8	6.1	4.4	24	6.8	
9	3.9	3.9	3.9	4.9	3.4	1.2	7.3	6.8	6.3	4.9	2.9	1.5	2.9	6.1	6.1	3.9	5.1	6.8	8.3	11.5	8.0	5.8	10.5	10.5	24	11.5	
10	8.8	10.8	10.5	7.6	9.8	10.3	8.6	15.8	12.5	12.0	11.3	9.1	7.8	9.1	6.6	9.5	7.6	6.3	8.3	7.1	8.1	7.3	5.1	2.4	24	15.8	
11	4.2	3.4	2.4	2.9	2.7	.0	.3	.3	.5	3.4	1.3	.0	.0	.8	.0	.0	.0	.3	.0	.3	2.2	2.2	1.0	.0	24	4.2	
12	.0	2.2	2.4	.8	1.5	2.9	3.4	6.1	6.8	4.9	4.9	2.4	4.4	5.4	4.9	5.1	6.8	8.3	7.5	5.8	5.6	6.3	6.8	4.9	24	8.3	
13	4.4	2.7	4.1	4.9	5.8	5.8	6.3	5.6	7.6	8.3	8.8	10.8	10.0	9.0	7.8	4.6	3.9	5.6	5.1	2.7	.3	.8	.5	1.0	24	10.8	
14	.3	.5	3.4	2.9	1.0	1.5	2.9	3.7	6.3	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	6.3
15	2.0	5.1	5.9	6.1	4.4	7.8	5.8	5.1	4.9	3.1	.8	.5	.0	.0	.7	2.4	4.1	2.9	2.2	5.6	5.6	3.4	1.5	1.5	24	7.8	
16	1.7	.0	.0	1.2	AN	.0	.0	2.9	1.7	.0	.0	.7	.0	.0	.5	.0	.0	.3	.2	.7	.0	.0	.0	.0	5.6	23	5.6
17	3.6	3.1	2.1	1.0	.7	2.9	5.1	4.1	6.6	6.6	AZ	AZ	4.2	4.9	8.1	10.3	10.8	9.3	6.6	7.8	8.0	6.1	3.7	4.4	22	10.8	
18	4.9	3.1	1.0	5.4	5.1	3.4	2.6	3.7	6.6	3.6	2.4	.7	.0	.0	2.2	2.4	2.7	4.9	2.7	1.0	3.6	28.6	9.3	9.0	24	28.6	
19	6.5	7.3	13.9	12.5	8.0	5.8	7.1	16.3	12.5	10.8	13.0	10.0	9.3	9.5	6.8	6.6	4.9	2.4	4.4	6.1	3.6	2.4	3.1	4.1	24	16.3	
20	3.6	3.9	2.6	1.0	.0	2.1	2.9	6.8	5.1	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.2	2.2	2.1	24	6.8	
21	2.9	6.1	4.9	6.3	5.6	6.1	4.9	5.8	5.4	4.1	3.9	2.9	1.5	1.7	.8	.0	2.9	4.6	5.8	5.6	4.4	4.6	4.1	3.6	24	6.3	
22	4.1	4.6	4.2	5.8	6.1	5.1	6.6	4.6	9.8	8.0	10.0	6.1	3.4	2.0	5.8	6.1	6.3	6.6	8.0	9.0	10.3	7.5	4.9	12.0	24	12.0	
23	6.3	5.4	6.6	9.3	7.8	8.0	4.9	3.4	2.7	6.3	5.1	AX	BA	BA	11.0	10.0	17.7	11.5	12.2	15.3	16.3	17.7	13.2	12.0	21	17.7	
24	11.5	11.5	13.0	15.1	13.7	17.7	16.0	21.3	16.0	6.8	6.3	5.6	4.7	4.4	5.6	7.1	12.3	18.9	12.3	21.1	14.7	12.5	14.4	13.7	24	21.3	
25	13.0	14.9	9.8	12.0	14.2	15.3	16.5	15.1	16.0	17.2	5.4	3.9	5.6	5.1	2.7	2.9	6.1	5.1	5.1	3.7	9.8	7.1	3.9	10.3	24	17.2	
26	8.1	14.7	10.0	6.1	3.7	1.5	4.4	2.2	1.2	6.1	3.9	3.1	3.9	5.4	4.6	5.4	5.6	3.7	3.4	7.6	6.6	6.8	5.8	2.7	24	14.7	
27	.0	3.7	3.7	1.9	.3	.7	1.2	.0	.5	2.4	7.1	6.3	8.6	8.8	6.8	10.5	6.1	8.5	8.3	8.0	5.4	4.9	3.9	2.7	24	10.5	
28	6.8	6.1	6.3	5.4	5.8	6.1	4.1	1.9	3.9	2.9	3.2	4.4	4.1	4.9	2.9	2.1	5.6	4.4	3.6	4.4	4.4	3.1	3.1	5.8	24	6.8	
29	4.9	5.6	4.1	2.4	2.6	3.4	3.9	3.6	2.2	.7	4.4	2.9	.0	.0	4.1	3.9	6.1	6.8	6.3	5.8	3.4	3.9	6.1	6.3	24	6.8	
30	8.3	9.8	12.2	9.5	8.5	12.5	9.3	9.0	8.8	14.8	10.5	9.7	6.6	6.1	4.4	8.3	5.1	2.1	10.8	7.3	4.6	3.9	5.1	4.9	24	14.8	
31	4.1	4.4	5.1	2.6	1.9	4.4	3.1	1.9	1.5	BA	.3	.0	.0	1.7	2.9	.2	4.4	10.5	11.7	10.0	9.0	10.7	10.0	10.3	23	11.7	
NO.:	28	28	28	28	27	28	28	28	28	27	27	26	27	27	28	28	28	29	29	29	29	29	29	29	29		
MAX:	13.0	14.9	13.9	15.1	14.2	17.7	16.5	21.3	16.0	17.2	13.0	10.8	10.0	9.5	11.0	10.5	17.7	18.9	12.3	21.1	16.3	28.6	14.4	13.7			
AVG:	4.64	5.38	5.37	5.21	4.86	5.18	5.34	5.97	5.90	5.65	4.49	3.64	3.19	3.42	3.77	4.05	4.95	5.61	5.86	6.15	5.87	6.51	5.41	5.46			

MONTHLY OBSERVATIONS: 672 MONTHLY MEAN: 5.10 MONTHLY MAX: 28.6

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-189-0003 POC: 3
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: 36.221944
LONGITUDE: -81.663056
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 945
PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
MONITOR TYPE: SFM
COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2015

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	5.8	4.6	3.6	2.6	3.9	3.4	4.6	3.6	2.7	AX	AX	BA	BA	BA	BA	1.7	2.4	1.4	2.6	3.1	6.1	5.8	8.0	18	8.0	
2	5.8	5.1	7.6	6.5	8.8	11.2	15.8	14.2	12.2	12.2	13.2	9.3	7.6	8.6	12.5	7.6	5.4	11.0	7.6	8.3	8.1	4.4	4.1	7.8	24	15.8	
3	6.6	4.4	2.0	2.4	7.3	7.6	14.9	6.6	5.1	4.6	2.2	1.0	2.2	1.2	2.0	2.4	5.1	3.9	5.1	5.4	6.1	7.8	4.2	.0	24	14.9	
4	1.5	1.7	-.2	-1.2	2.7	4.9	10.3	7.1	8.3	7.6	6.3	3.1	-.5	-2.2	2.2	2.4	-1.0	-.7	1.5	1.9	-1.2	1.2	3.9	4.9	24	10.3	
5	3.9	5.8	4.7	1.9	.7	1.7	9.3	7.3	1.5	.2	1.5	1.0	1.0	-.2	-3.5	-3.5	-1.4	-1.5	1.2	1.5	1.2	1.0	1.5	2.6	24	9.3	
6	7.1	4.9	1.9	1.9	2.9	3.6	5.4	18.2	4.4	2.4	-1.0	3.4	3.2	1.7	4.2	10.8	9.1	6.1	4.9	6.1	8.6	8.3	10.0	11.0	24	18.2	
7	9.8	8.8	7.3	10.8	10.0	5.9	6.1	6.6	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	8	10.8	
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	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
10	AN	AN	AN	AN	AN	AN	AN	AN	AN	9.8	4.9	2.5	3.2	1.7	.8	-.2	1.2	2.3	1.3	.8	1.0	2.4	1.3	2.0	15	9.8	
11	4.9	5.4	3.4	3.7	2.7	1.8	2.4	4.7	4.2	2.9	2.9	1.8	4.7	7.3	6.6	5.9	3.7	6.6	6.8	4.2	5.9	5.4	5.9	5.6	24	7.3	
12	11.3	6.8	12.0	7.1	8.1	11.3	8.8	5.6	2.2	.8	3.4	4.4	6.6	7.6	7.1	7.3	6.6	7.1	10.0	9.3	9.8	7.6	8.3	9.3	24	12.0	
13	7.6	8.1	11.5	10.5	11.5	10.5	9.8	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	7	11.5	
14	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	
15	AN	AN	AN	AN	AN	1.2	.8	-.7	1.0	-.7	-.9	-.5	-1.4	-.2	-2.4	-3.7	-2.7	-1.7	-.7	-.7	-1.4	-1.7	4.4	5.9	19	5.9	
16	3.4	2.4	2.2	1.5	-.7	-.7	2.4	2.9	3.4	2.0	-.5	-.2	-1.2	-1.4	1.5	.3	-1.9	-2.9	-5.0	-2.9	-.7	-2.9	-.9	-.2	24	3.4	
17	-2.4	-2.4	-2.7	-.2	.7	-.2	-2.5	-3.5	-1.2	-.9	AX	AX	BA	-2.4	-3.2	-1.9	-.5	-1.4	-1.9	2.3	4.2	.0	1.0	3.2	21	4.2	
18	2.2	3.4	5.4	3.9	1.0	.5	1.7	1.7	1.8	.0	1.7	2.9	1.5	2.9	2.3	3.4	12.3	9.5	4.7	2.2	5.7	3.7	5.1	1.5	24	12.3	
19	-2.4	2.0	4.9	2.0	.5	2.4	2.9	-1.7	-.2	.0	-3.5	-2.4	.5	2.4	-2.7	-5.0	-5.0	-2.9	-2.2	-4.4	-5.0	-5.0	-4.4	-2.7	24	4.9	
20	-5.0	-4.9	-1.2	-1.4	-.7	.3	4.7	5.4	2.7	2.3	1.3	-.4	-1.4	-1.7	1.5	9.1	4.9	.8	3.2	2.3	1.3	2.5	.5	2.4	24	9.1	
21	4.4	7.6	7.3	6.6	5.3	5.4	8.1	6.8	3.6	2.5	2.4	1.2	-.2	2.4	3.9	2.0	2.2	3.1	2.9	4.4	6.1	6.1	4.1	1.0	24	8.1	
22	2.6	4.9	3.7	5.4	3.2	3.4	4.9	1.5	-.9	.5	2.9	3.4	7.5	6.1	2.2	1.2	3.6	3.9	6.3	6.3	5.1	3.2	4.1	4.6	24	7.5	
23	6.3	5.8	3.4	6.1	3.1	1.5	5.4	4.9	3.9	1.5	2.0	1.9	2.4	1.2	.7	3.1	2.9	3.4	6.6	6.5	4.1	3.1	3.7	1.7	24	6.6	
24	1.7	2.4	3.4	2.9	1.5	3.4	4.1	3.1	4.1	1.7	.5	1.9	.5	-2.5	-3.7	-2.9	.7	1.0	2.2	2.9	3.9	3.9	4.6	6.1	24	6.1	
25	8.5	8.6	11.5	11.5	11.3	14.7	11.8	9.1	11.5	9.3	7.8	9.3	7.3	6.6	5.4	4.7	3.9	4.2	4.7	4.2	3.4	3.4	12.0	9.8	24	14.7	
26	8.6	4.4	3.7	AN	AN	AN	.0	1.7	-.4	4.9	4.2	3.2	3.4	2.9	5.4	4.2	3.4	2.7	.8	3.9	5.4	4.6	4.2	4.7	21	8.6	
27	5.1	6.4	5.1	8.1	9.3	8.3	8.8	5.6	6.1	8.3	5.6	5.1	4.7	3.4	3.9	2.2	4.2	7.6	8.1	10.8	7.3	12.5	8.1	4.7	24	12.5	
28	4.9	5.4	8.1	5.4	8.0	6.1	4.7	4.4	5.6	4.4	2.7	1.8	2.0	3.4	2.0	1.7	3.4	3.9	4.7	4.4	6.1	4.4	3.9	2.9	24	8.1	
29	.8	4.2	6.3	7.8	11.3	8.1	8.8	7.1	4.7	5.9	7.8	6.3	4.7	4.4	6.6	7.6	6.6	5.1	6.3	10.0	10.0	9.3	8.3	7.3	24	11.3	
30	8.1	8.1	6.8	4.9	6.8	6.9	10.5	8.6	4.7	5.6	6.6	6.1	4.7	11.8	10.5	9.8	9.3	8.8	8.6	7.1	3.2	2.9	4.9	2.2	24	11.8	
31																										0	
NO.:	25	25	25	24	24	25	26	25	24	25	23	23	23	24	24	24	25	25	25	25	25	25	25	25	25		
MAX:	11.3	8.8	12.0	11.5	11.5	14.7	15.8	18.2	12.2	12.2	13.2	9.3	7.6	11.8	12.5	10.8	12.3	11.0	10.0	10.8	10.0	12.5	12.0	11.0			
AVG:	4.48	4.60	4.91	4.65	4.91	4.95	6.28	5.27	3.83	3.62	3.22	2.87	2.74	2.71	2.74	2.85	3.11	3.29	3.56	3.98	4.05	3.77	4.34	4.25			

MONTHLY OBSERVATIONS: 589 MONTHLY MEAN: 3.98 MONTHLY 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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-189-0003 POC: 3
 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: 36.221944
 LONGITUDE: -81.663056
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 945
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2015

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	1.9	3.2	3.4	4.9	4.9	.8	2.4	5.9	6.1	3.4	.8	2.7	-.2	-1.9	2.4	4.7	9.1	7.8	6.6	11.0	7.8	10.3	7.6	24	11.0	
2	5.6	10.0	8.1	7.6	13.5	10.0	9.3	5.6	4.2	4.9	5.1	6.1	7.1	1.5	2.7	4.7	4.1	4.2	2.4	2.7	4.2	4.9	6.1	4.9	24	13.5	
3	3.2	7.3	5.1	6.4	6.6	6.1	6.6	6.8	4.9	3.9	7.8	7.3	6.1	3.2	7.8	7.1	5.1	9.3	11.5	7.6	6.1	7.6	12.0	9.6	24	12.0	
4	15.2	8.3	8.1	9.8	10.1	10.1	12.0	14.5	12.3	8.8 6 AX	BA	BA	11.8	11.0	11.0	10.1	11.0	13.7	10.5	9.1	7.8	6.4	10.3	21	15.2		
5	13.2	12.0	10.0	13.7	15.1	8.8	13.7	13.0	9.8	7.8 6	6.3 6	5.9 6	6.3	6.4	10.3	11.5	15.2	10.1	7.4	10.1	8.8	14.2	11.5	9.6	24	15.2	
6	7.4	10.5	14.5	14.0	11.8	12.8	20.4	9.8	7.4 6	6.4 6	6.8 6	10.3	14.7	10.8	10.8	14.5	10.3	6.9	15.2	7.6	12.3	14.2	10.5	13.3	24	20.4	
7	12.3	13.5	17.7	10.8	10.3	14.9	17.5	15.2	17.5	7.1 6	5.9	7.3	8.1	9.3	14.5	12.5	8.1	13.3	12.8	11.5	11.8	10.1	7.3	11.8	24	17.7	
8	11.8	14.5	15.8	16.3	14.9	15.6	16.8	23.6	13.5 6	6.3 6	8.3 6	9.1	9.1	9.5	12.8	12.8	12.3	10.8	9.8	10.3	13.3	11.0	7.8	9.3	24	23.6	
9	16.3	14.2	13.3	17.3	15.4	14.2	13.5	14.0	9.5	4.9	3.7	2.0	-1.2	-.7	.8	-1.2	7.8	5.2	2.7	3.7	4.9	6.1	12.0	13.7	24	17.3	
10	9.3	6.9	4.9	6.8	5.6	7.8	7.1	3.9	4.9	1.3	-1.7	.1	2.0	2.5	2.3	.8	-.7	AN	AN	AN	AN	AN	AN	AN	AN	17	9.3
11	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	
12	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	3.7 6	6.9	4.9	3.7	5.6	5.2	5.4	7.3	8.3	5.2	4.4	2.7	6.1	13	8.3
13	5.6	4.7	2.7	4.7	3.9	6.1	6.8	3.9	4.9	4.7	AZ	AZ	AZ	1.3	2.3	5.6	3.7	2.9	2.0	6.6	5.9	7.1	5.2	4.7	21	7.1	
14	4.4	7.8	8.6	6.4	3.7	7.1	7.6	6.8	7.4	6.3	6.1	6.1	4.4	4.7	4.7	3.2	4.9	6.1	11.3	14.0	12.5	11.0	11.3	11.8	24	14.0	
15	12.8	13.5	10.8	10.5	11.3	17.5	19.9	16.3	16.8	14.7 6	8.1	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	11	19.9
16	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	
17	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	1	8.8
18	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	
19	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	11.0	6.4	6.6	5.6	6.9	7.6	4.4	3.7	8.1	7.1	6.8	11	11.0	
20	9.3	6.6	4.7	5.9	5.6	2.8	4.4	4.2	-.4 6	-.7 6	.0 6	-3.2	-4.9	-1.7	.5	2.3	1.8	.5	2.9	2.4	3.9	7.6	7.6	4.2	24	9.3	
21	5.4	3.9	3.7	4.4	9.3	7.3	10.8	12.5	6.4	.3	5.9	7.3	5.9	3.7	.3	6.3	3.4	5.9	5.6	2.9	2.0	2.3	.8	2.0	24	12.5	
22	2.7	4.4	3.4	9.1	10.1	9.3	8.1	5.9	2.9	2.3	1.3	3.7	4.7	4.2	2.9	2.3	4.9	3.2	1.5	4.7	6.6	6.8	8.8	8.1	24	10.1	
23	7.8	5.9	4.4	7.1	6.1	5.4	5.4	5.9	5.4	5.6	3.2	3.2	3.2	.5	.0	2.2	3.7	6.3	7.3	13.7	8.3	7.3	12.3	16.5	24	16.5	
24	10.3	13.2	11.5	10.0	8.3	9.8	9.5	6.6	6.8	5.6	6.8	6.6	4.4	6.6	6.6	5.9	10.8	10.3	8.3	8.6	10.3	9.3	6.6	5.4	24	13.2	
25	4.9	6.6	5.1	1.0	4.4	6.6	7.6	8.3	6.1	8.8	9.6	7.8	4.2	10.0	9.6	8.6	5.2	4.4	3.4	6.9	AN	AN	AN	AN	20	10.0	
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	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AX	BA	BA	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	0	
28	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	
29	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	
30	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	
31	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	
NO.:	20	19	19	19	19	19	19	19	19	19	17	17	17	20	20	20	20	19	19	19	18	18	18	18			
MAX:	16.3	14.5	17.7	17.3	15.4	17.5	20.4	23.6	17.5	14.7	9.6	10.3	14.7	11.8	14.5	14.5	15.2	13.3	15.2	14.0	13.3	14.2	12.3	16.5			
AVG:	8.32	8.72	8.19	8.69	8.99	9.32	10.41	9.43	7.69	5.53	5.09	4.95	4.92	4.97	5.41	6.24	6.31	6.94	7.39	7.53	7.77	8.20	8.13	8.65			

MONTHLY OBSERVATIONS: 451 MONTHLY MEAN: 7.42 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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-189-0003 POC: 3
 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: 36.221944
 LONGITUDE: -81.663056
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 945
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality

MONITOR TYPE: SFM

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2015

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	1.0	-2.4	-.9	2.0	1.3	3.2	4.2	19.2	8.3	3.2	-2.2	1.0	-.7	-3.4	-1.2	13.3	11.8	6.4	1.5	4.7	2.8	1.3	5.4	6.9	24	19.2									
2	4.5	-1.4	-1.9	2.0	-2.4	-.9	3.5	5.6	3.5	AX	BA	BA	6.4	3.7	-.2	3.4	2.3	-1.2	-1.2	-.2	.0	.8	3.2	-.2	21	6.4									
3	1.0	2.5	1.0	4.2	3.4	5.4	5.6	4.4	1.8	.8	-1.9	-1.9	1.5	3.4	.8	-1.4	-1.4	3.2	7.9	5.4	2.7	2.0	2.0	1.5	24	7.9									
4	-.9	-.4	.0	-3.2	-2.4	.1	-.2	-1.9	-.9	.3	-1.4	-2.7	AN	AN	AN	AN	.0	2.9	5.6	4.4	2.8	5.4	4.9	8.1	20	8.1									
5	10.1	7.4	1.8	-.7	.3	4.2	4.2	4.2	2.5	1.8	1.8	4.2	6.1	3.2	2.5	3.2	2.8	.5	6.4	15.7	12.3	13.7	11.8	10.8	24	15.7									
6	8.1	7.6	6.6	5.6	5.6	4.4	9.1	6.1	15.2	10.1	6	9.3	6	9.3	6	7.3	7.8	4.7	7.1	7.6	3.9	4.7	7.3	7.8	8.3	16.0	9.3	24	16.0						
7	10.8	15.4	19.9	16.8	20.1	13.3	11.5	8.8	6.6	12.3	21.4	13.3	11.1	9.6	7.4	10.8	8.8	16.5	16.5	15.4	10.8	16.6	7.1	7.9	24	21.4									
8	10.1	17.7	10.3	12.0	15.0	14.7	10.6	9.3	6.1	3.0	6	4.9	6	6.9	9.8	6	7.1	14.7	9.8	5.4	5.7	8.6	8.6	3.9	2.0	2.0	-2.4	24	17.7						
9	AN	AN	AN	-3.2	-3.2	-.4	1.8	5.9	2.8	1.0	2.8	1.0	-1.7	-.7	4.2	5.4	10.3	11.3	12.8	14.3	21.1	18.0	9.3	17.5	21	21.1									
10	15.2	16.5	15.8	13.5	15.2	14.2	22.8	16.5	13.3	6	16.5	6	19.2	6	10.6	6	14.9	10.3	16.3	14.5	22.1	16.1	17.5	21.4	21.1	19.2	18.9	12.8	24	22.8					
11	18.0	12.1	8.6	8.4	10.6	12.5	19.2	13.2	8.1	6	4.4	6	7.9	6	9.8	6	7.6	6	3.4	6	-.4	3.9	2.0	-1.7	.8	6.1	4.2	2.8	1.0	-.7	24	19.2			
12	1.8	-2.4	-3.7	-.2	-2.2	-3.2	7.6	3.9	3.2	5.4	8.6	5.4	3.0	1.8	4.4	6	5.6	5.9	5.6	1.8	3.9	12.3	9.6	4.4	9.6	24	12.3								
13	6.4	5.7	4.9	4.7	1.5	-.4	4.2	1.8	2.5	2.5	-.2	-.2	.5	4.9	5.6	5.2	8.8	6.1	5.4	11.5	8.9	7.4	12.0	11.1	24	12.0									
14	10.6	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	AV	AV	AV	AV	1	10.6		
15	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	AV	AV	AV	AV	AV	AV	7	14.7	
16	6.6	5.6	13.5	11.8	9.1	7.8	9.1	7.1	14.5	7.6	6	7.1	6	6.8	4.7	4.4	2.5	-.5	-1.7	.5	3.3	2.5	1.3	1.3	.5	.3	.3	.3	.3	.3	.3	.3	24	14.5	
17	1.3	.8	.5	-2.2	-4.4	-2.9	1.3	-.4	-.2	1.5	6	7.1	6	7.8	6	4.2	2.8	6	3.7	13.5	8.1	3.4	7.1	8.6	5.4	.3	2.5	3.9	24	13.5					
18	4.7	5.4	5.4	4.9	5.4	4.9	8.1	5.2	4.9	6	9.8	6	5.9	6	4.4	6	3.3	6	4.9	3.3	10.5	6.6	2.3	7.3	9.1	9.3	4.7	2.5	4.7	24	10.5				
19	4.4	1.5	.0	1.5	.8	1.8	4.9	2.3	-1.4	4.9	4.9	.1	-.2	5.1	4.9	2.3	16.1	6.1	6.1	4.7	2.0	-.9	-4.5	-2.9	24	16.1									
20	-.9	-2.4	-1.2	2.8	1.5	2.5	10.1	3.7	-2.2	-2.4	-1.2	6	4.9	15.2	9.3	7.6	4.2	-.2	-5.0	-5.0	-.7	-.7	-2.4	-3.7	.3	24	15.2								
21	4.4	3.9	2.5	-1.2	-3.2	4.4	5.1	8.1	3.5	1.3	1.0	6	-.2	6	2.2	4.1	9.3	9.5	6.1	5.4	4.6	4.6	3.4	1.7	.3	.8	24	9.5							
22	3.4	2.7	2.3	3.4	6.1	6.8	6.8	5.8	3.4	.3	-.4	6	-.4	6	2.8	6	-1.4	-3.7	-.2	5.1	6.1	7.6	12.3	10.8	6.1	6.1	3.9	24	12.3						
23	9.3	7.1	4.7	5.4	8.3	13.7	11.0	16.5	24.3	24.5	6	21.6	6	22.6	6	28.2	31.3	23.3	20.8	22.8	23.5	33.8	33.6	24.0	25.2	28.7	24	33.8							
24	28.7	27.2	26.3	19.4	18.4	18.5	17.7	15.4	14.9	14.0	10.0	6.1	7.3	4.7	3.5	2.5	3.4	11.5	8.3	8.1	13.7	11.3	11.8	16.5	24	28.7									
25	14.4	14.5	14.7	15.6	14.0	12.0	11.3	18.4	8.6	9.8	13.3	7.1	6.6	9.3	9.0	7.6	8.3	14.2	12.5	18.7	18.9	20.3	14.2	16.7	24	20.3									
26	16.8	18.9	19.9	20.4	20.1	20.6	19.8	26.3	21.6	18.0	15.6	11.8	23.3	22.6	20.8	24.8	19.9	24.8	24.3	28.0	27.5	20.3	18.2	21.6	24	28.0									
27	17.2	12.3	19.6	15.2	12.0	16.5	17.2	11.0	15.6	10.3	12.3	18.2	4.2	4.2	6.8	12.0	11.5	8.8	10.0	7.1	4.7	10.0	4.7	4.7	24	19.6									
28	8.3	6.6	4.9	7.3	7.1	4.7	4.2	8.3	4.2	3.4	4.7	5.1	5.4	4.4	4.9	9.3	7.3	7.3	8.3	10.3	9.8	9.3	8.1	4.9	24	10.3									
29	8.3	7.6	6.8	5.1	3.4	5.9	7.6	7.8	9.8	6.8	5.8	4.6	6.1	7.1	6.1	8.0	7.6	4.9	6.3	7.3	9.8	9.5	14.0	17.0	24	17.0									
30	18.4	15.9	16.5	11.5	12.0	15.4	2.2	1.0	1.7	1.2	5.4	6.6	6.3	7.8	17.2	2.7	3.9	11.3	10.0	12.5	14.4	10.8	16.1	17.0	24	18.4									
31																																			0
NO.:	28	27	27	28	28	28	28	28	28	27	27	27	27	27	27	27	28	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	
MAX:	28.7	27.2	26.3	20.4	20.1	20.6	22.8	26.3	24.3	24.5	21.6	22.6	28.2	31.3	23.3	24.8	22.8	24.8	24.3	33.8	33.6	24.0	25.2	28.7											
AVG:	8.64	7.63	7.36	6.53	6.19	7.13	8.59	8.34	7.01	6.38	6.79	6.01	6.87	6.36	6.59	7.70	7.54	6.86	7.79	10.35	9.86	8.33	7.62	8.07											

MONTHLY OBSERVATIONS: 670 MONTHLY MEAN: 7.54 MONTHLY MAX: 33.8

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-189-0003 POC: 3
 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: 36.221944
 LONGITUDE: -81.663056
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 945
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2015

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	12.5	16.5	14.9	22.8	21.1	23.8	21.1	22.1	20.8	26.3IF	33.3IF	41.5IF	40.2IF	39.2IF	42.9IF	38.0IF	39.5IF	39.7IF	16.5IF	20.8IF	28.5IF	25.7IF	27.0IF	18.7IF	24	42.9	
2	25.0IF	24.5IF	25.5	19.1IF	10.0	9.1	16.8	16.3	13.0	13.2	8.6	9.3	4.9	3.4	3.3	2.2	2.5	4.7	3.2	9.3	10.3	11.0	10.5	10.5	24	25.5	
3	13.7	8.6	6.6	7.1	6.8	6.8	4.9	5.1	10.0	7.1	19.6	.0	4.4	3.0	11.5	9.5	4.2	-.5	3.9	2.7	1.3	1.3	-2.7	-3.7	24	19.6	
4	1.0	2.5	3.7	4.2	2.3	2.0	-.2	-1.9	2.2	2.0	3.0	.8	-2.2	-1.9	-3.2	-2.4	-.4	1.0	4.2	2.3	3.0	12.5	17.5	12.0	24	17.5	
5	10.3	8.6	7.3	8.8	11.0	6.6	6.4	2.8	-1.2	.3	1.8	1.0	2.3	3.9	10.8	14.7	8.1	6.6	9.8	12.5	16.8	9.3	10.1	5.2	24	16.8	
6	-.9	-1.7	1.0	.0	-.5	3.9	3.4	9.1	13.5	14.2	19.9	18.0	22.6IF	26.8IF	26.5IF	24.0IF	26.5IF	29.2IF	30.9IF	39.5IF	38.5IF	38.5IF	37.5IF	32.6IF	24	39.5	
7	32.8IF	28.9IF	31.9IF	19.6IF	28.7IF	24.8IF	32.1IF	23.3IF	15.9IF	13.0IF	15.6IF	13.0IF	8.6IF	23.1IF	8.8IF	9.1IF	17.0IF	22.1IF	23.8IF	23.3IF	20.6IF	22.3IF	18.4IF	22.3IF	24	32.8	
8	13.5	15.2	24.3	28.2	19.9	15.9	16.1	17.2	10.3	11.5	17.7	23.5	12.3	14.0	14.2	16.1	4.4	8.3	15.2	16.5	9.5	12.5	8.3	13.0	24	28.2	
9	10.5	12.8	8.8	10.0	13.7	18.2	21.1	21.1	23.5	26.3	19.4	AX	BA	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	11	26.3
10	15.6	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	1	15.6
11	20.1	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	1	20.1
12	3.4	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	1	3.4
13	8.3	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	1	8.3
14	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	
15	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AX	BA	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
16	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	
17	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AX	AX	BA	BA	1.0	4.0	6.0	5.0	5.0	7.0	5.0	3.0	13.0	9	13.0	
18	8.0	7.0	10.0	7.0	12.0	8.0	5.0	4.0	5.0	5.0	5.0	4.0	7.0	9.0	7.0	5.0	7.0	7.0	5.0	4.0	2.0	2.0	8.0	5.0	24	12.0	
19	2.0	7.0	7.0	7.0	6.0	4.0	.0	.0	3.0	3.0	6.0	5.0	3.0	3.0	1.0	.0	2.0	6.0	4.0	5.0	5.0	8.0	4.0	5.0	24	8.0	
20	8.0	5.0	3.0	6.0	5.0	6.0	6.0	4.0	-.2	4.7	3.0	3.9	3.9	2.5	3.2	3.5	6.6	5.4	6.1	3.3	AN	AN	AN	AN	20	8.0	
21	-1.4	-1.4	2.0	2.3	.0	7.8	6.6	4.9	.3	-1.9	1.7	-.5	-.2	2.0	.3	3.0	2.7	-1.4	-.7	1.0	.3	.3	-1.2	-2.4	24	7.8	
22	-4.2	.8	1.8	-1.2	.0	5.4	9.1	6.8	4.9	3.9	1.6	.9	1.1	2.9	4.5	6.7	5.0	1.6	1.6	7.9	5.5	4.5	3.5	2.6	24	9.1	
23	3.1	2.9	1.6	1.1	3.5	4.8	3.8	5.7	4.8	4.5	3.2	6.1	3.6	-.2	4.6	6.3	6.8	4.6	7.8	4.4	4.6	6.8	5.8	14.2	24	14.2	
24	7.5	12.7	7.5	4.6	8.8	9.3	8.8	6.3	6.6	3.7	7.8	5.8	6.6	6.6	4.9	5.6	7.1	6.3	4.9	3.6	4.9	8.5	10.2	17.7	24	17.7	
25	13.9	10.7	8.8	12.5	9.8	10.8	AV	6.4	7.8	4.9	7.8	5.6	1.5	4.1	3.9	6.8	6.4	4.7	5.9	8.1	6.4	9.1	7.1	4.4	23	13.9	
26	11.5	15.6	14.2	13.2	7.1	11.3	12.5	6.6	5.2	7.3	4.9	5.6	4.9	3.9	9.3	6.6	4.7	2.5	6.6	6.3	6.4	5.6	5.4	6.6	24	15.6	
27	7.6	7.8	4.7	10.8	10.0	5.9	7.3	11.5	11.8	11.3	5.9	2.5	5.1	4.7	2.0	-2.9	-3.4	.3	-1.7	-2.2	-.7	-.9	6.6	4.9	24	11.8	
28	2.8	5.9	4.9	2.5	-.9	2.3	2.3	4.2	5.4	6.6	3.9	.8	3.3	3.9	3.7	3.3	3.7	2.5	1.3	3.7	1.5	.3	2.5	.7	24	6.6	
29	-2.7	-1.7	4.2	7.6	4.4	.8	3.3	7.8	5.2	2.5	2.5	5.2	.5	-1.9	-.7	1.8	.8	1.0	1.3	.8	.8	2.5	4.4	2.3	24	7.8	
30	.0	1.0	1.3	1.5	-1.9	-2.9	1.0	3.5	12.0	AX	AX	BA	3.0	4.4	6.1	8.1	12.0	6.8	8.6	4.7	-.7	1.8	.5	3.7	21	12.0	
31	3.3	.8	AN	7.3	5.2	2.5	3.0	2.0	-4.4	-2.9	.5	-1.7	-1.2	-2.4	-2.9	-3.9	-3.9	-.2	-.9	1.5	3.0	.0	3.4	3.7	23	7.3	
NO.:	27	23	22	23	23	23	22	23	23	22	22	21	22	22	22	23	23	23	23	23	22	22	22	22	22		
MAX:	32.8	28.9	31.9	28.2	28.7	24.8	32.1	23.3	23.5	26.3	33.3	41.5	40.2	39.2	42.9	38.0	39.5	39.7	30.9	39.5	38.5	38.5	37.5	32.6			
AVG:	8.34	8.26	8.86	8.78	7.91	8.13	8.65	8.21	7.63	7.57	8.76	7.16	6.15	7.00	7.35	7.05	7.10	7.14	7.06	8.00	7.93	8.48	8.63	8.73			

MONTHLY OBSERVATIONS: 543 MONTHLY MEAN: 7.87 MONTHLY MAX: 42.9

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

May. 30, 2018

(88101) PM2.5 - Local Conditions

SITE ID: 37-189-0003 POC: 3
 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: 36.221944
 LONGITUDE: -81.663056
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 945
 PROBE HEIGHT: 2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality

MONITOR TYPE: SFM

REPORT FOR: AUGUST 2015

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 Environmental Quality

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	2.0	3.2	2.8	1.5	3.2	2.8	3.0	3.7	3.0	2.3	-1.0	-1.7	-1.7	-2.2	-2.4	-2.4	.8	3.2	4.4	6.1	6.1	4.2	3.2	1.7	24	6.1	
2	3.7	3.2	2.5	2.9	3.4	2.0	.5	3.3	2.0	-2.4	-3.9	-.7	.8	2.0	2.5	-.4	-2.9	-1.7	1.5	4.9	4.4	1.0	-.2	1.0	24	4.9	
3	1.3	3.7	3.2	4.1	5.1	1.5	2.5	4.9	10.5	5.9	4.9	5.1	1.8	1.3	2.0	1.8	2.3	3.0	2.0	.8	-.7	.8	1.5	.3	24	10.5	
4	.5	1.5	4.9	2.5	1.0	7.1	5.4	5.9	4.2	7.1	4.9	3.7	4.7	2.5	1.3	1.3	2.5	2.5	4.9	4.4	6.4	5.6	5.9	7.3	24	7.3	
5	4.7	3.0	3.9	5.4	8.8	6.9	4.4	5.1	3.4	8.3	AX	9.6	5.6	3.0	3.9	4.9	4.4	17.5	14.7	7.6	3.2	2.3	.5	-.7	23	17.5	
6	.8	6.8	6.4	26.0IT	43.8IT	46.3IT	52.5IT	50.0IT	42.9IT	39.5IT	32.4IT	31.9IT	8.1	5.6	9.1	15.4	8.8	5.6	2.5	1.0	AN	AN	AN	AN	20	52.5	
7	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	
8	AN	AN	AN	AN	AN	AN	AN	AN	AN	.3	1.8	-1.9	-.9	.5	-1.7	AN	AN	AN	AN	-2.7	.3	1.8	2.0	.3	.5	12	2.0
9	-1.2	1.8	.0	-1.9	-1.4	AN	AN	2.0	.0	1.0	2.5	6.1	4.2	3.0	2.5	1.5	4.7	9.3	4.9	2.3	5.4	3.3	1.5	3.7	22	9.3	
10	5.6	3.3	3.3	1.8	3.3	4.4	4.7	2.8	.1	.0	1.3	1.0	1.8	6.8	4.4	5.6	3.4	-2.4	-3.9	.5	-.2	1.5	.3	-3.7	24	6.8	
11	-4.0	-2.2	.0	3.3	-.2	-2.9	-2.4	-.7	2.3	1.7	8.1	5.1	.8	1.7	2.2	-.5	-.7	2.7	1.8	2.0	1.3	4.9	3.0	2.3	24	8.1	
12	5.1	1.8	-2.4	1.2	3.2	2.3	2.3	2.0	3.7	2.7	-2.2	AZ	AZ	3.2	2.7	-.9	-3.4	-2.7	-2.4	-2.4	-3.9	-4.2	-3.9	-4.0	22	5.1	
13	-1.9	-1.4	-1.7	-5.0	-5.0	-2.7	.5	.0	.3	-1.2	-.7	3.7	2.2	-2.7	2.5	3.0	1.5	2.5	1.0	-.2	-2.2	1.7	3.7	3.2	24	3.7	
14	3.2	-.2	1.0	3.2	4.2	5.4	4.2	6.6	5.6	6.1	4.9	1.5	4.9	5.6	3.2	-.2	.8	1.7	2.5	11.8	6.1	3.9	3.4	.8	24	11.8	
15	.3	2.0	3.2	3.2	1.5	1.2	2.8	2.7	2.0	4.2	3.9	3.2	2.7	5.6	3.4	3.7	2.3	.3	3.9	1.0	-1.7	-1.4	-1.9	.8	24	5.6	
16	3.2	3.2	1.0	.3	1.8	2.9	4.9	4.2	3.7	2.3	.0	-.2	2.3	1.8	.3	-.2	3.9	4.7	2.0	1.0	3.0	3.9	6.1	5.6	24	6.1	
17	3.0	.0	-.7	.8	1.0	.3	1.5	6.4	3.5	1.5	3.7	4.7	-.5	2.8	6.1	4.2	14.9	8.8	5.4	2.8	3.3	5.4	3.3	3.4	24	14.9	
18	4.4	2.3	-1.4	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	3	4.4
19	AN	AN	AN	AN	AN	AN	AN	AX	AX																	0	
20																										0	
21																										0	
22																										0	
23																										0	
24																										0	
25																										0	
26																										0	
27																										0	
28																										0	
29																										0	
30																										0	
31																										0	
NO.:	16	16	16	15	15	14	14	15	15	16	15	15	15	16	16	15	15	15	16	16	15	15	15	15	15		
MAX:	5.6	6.8	6.4	26.0	43.8	46.3	52.5	50.0	42.9	39.5	32.4	31.9	8.1	6.8	9.1	15.4	14.9	17.5	14.7	11.8	6.4	5.6	6.1	7.3			
AVG:	1.92	2.00	1.63	3.29	4.91	5.54	6.20	6.59	5.81	4.96	4.04	4.74	2.45	2.53	2.63	2.45	2.89	3.67	2.66	2.74	2.15	2.33	1.78	1.48			

MONTHLY OBSERVATIONS: 366 MONTHLY MEAN: 3.36 MONTHLY MAX: 52.5

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

May. 30, 2018

(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 Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (118) R & P Model 2025 PM2.5 Sequential
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2015

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		4.2				6.3	16.4					
3	7.4			7.2	8.9							
4			7.1									
5		6.0 V				3.5	11.2					
6	6.0			5.4	7.0							
7			10.5									
8		8.1				7.2	13.7					
9	8.6			7.0	6.1							
10			6.9									
11		9.1				6.5	12.0					
12	4.9			6.8	14.5							
13			AJ									
14		7.1				9.6	7.7					
15	7.1			3.3	7.6							
16			7.0									
17		9.1				12.3	7.5					
18	6.6			6.4	8.2							
19			10.0									
20		8.6 V	4.0			9.5	12.3					
21	14.9			6.9	8.9							
22			7.9									
23		15.2				15.0						
24	2.6			5.3	7.8							
25			5.9									
26		8.5				12.3						
27	7.6			6.2	6.0							
28			4.5									
29						7.7						
30	4.6			4.8	4.9							
31			7.9									
NO.:	10	9	11	10	10	10	7	0	0	0	0	0
MAX:	14.9	15.2	10.5	7.2	14.5	15.0	16.4					
MEAN:	7.03	8.43	7.40	5.93	7.99	8.99	11.54					
ANNUAL OBSERVATIONS:		67		ANNUAL MEAN:	8.02	ANNUAL MAX:	16.4					

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QUALIFIER CODES:

Qualifier Code	Qualifier Description	Qualifier Type
1	Deviation from a CFR/Critical Criteria Requirement	QA
2	Operational Deviation	QA
6	QAPP Issue	QA
7	Below Lowest Calibration Level	QA
AB	Technician Unavailable	NULL
AG	Sample Time out of Limits	NULL
AI	Insufficient Data (cannot calculate)	NULL
AJ	Filter Damage	NULL
AK	Filter Leak	NULL
AL	Voided by Operator	NULL
AM	Miscellaneous Void	NULL
AN	Machine Malfunction	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
BC	Multi-point Calibration	NULL
BE	Building/Site Repair	NULL
BJ	Operator Error	NULL
BK	Site computer/data logger down	NULL
BL	QA Audit	NULL
DL	Detection Limit Analyses	NULL
FB	Field Blank Value Above Acceptable Limit	QA
IF	Fire - Canadian	INFORM
IM	Prescribed Fire	INFORM
IP	Structural Fire	INFORM
IT	Wildfire-U. S.	INFORM
J	Construction	INFORM
SA	Storm Approaching	NULL
TB	Trip Blank Value Above Acceptable Limit	QA
TS	Holding Time Or Transport Temperature Is Out Of Specs.	NULL
V	Validated Value	QA
X	Filter Temperature Difference or Average 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.