UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

User ID: XJLSTEGER

RAW DATA REPORT

Report Request ID: 1657131

Report Code: AMP350

May. 30, 2018

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	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
2017 01 01	2017 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: 37-021-0034 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: (145) R & P Model 2025 PM-2.5 Sequential
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2017

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	2.3			2.0	4.1				3.8	3.0		
2			3.0					11.6				
3		3.8				9.8	7.3				9.7	13.3
4	3.0			4.3	5.6				8.2	6.9		
5			13.7					5.1				
6		7.5				3.7	4.2				9.2	2.7
7	6.7			2.1	3.0				5.3	5.1		
8			3.0					4.3				
9		2.3				7.1	5.3				1.4	4.6
10	5.8			8.2	11.1				7.2	6.5		
11			2.3					6.6				
12		9.5				8.4	TS				8.8	6.8
13	7.4			9.7	4.7				AR	AJ		
14			4.0					7.0				
15		3.9				5.5	6.4				8.5	10.9
16	12.2			10.6	10.0				8.2	1.7		
17			10.7					5.9				
18		8.8				5.9	6.0				8.8	9.2
19	5.5			6.2	10.0				12.0	6.1		
20			9.1					10.9				
21		9.4				6.8	11.5				5.8	4.5
22	3.5			5.6	4.1				AN	7.2		
23			5.8					8.2				
24		7.1				3.3	9.0				16.6	2.7
25	4.3			2.7	3.6				8.2	3.9		
26			4.8					11.1				
27		7.6				6.1	12.7				6.1	7.4
28	2.5			9.4	3.3				12.9	4.1		
29			5.2					5.4				
30						2.1	4.5				15.4	9.2
31	9.7				7.5					7.7		
NO.:	11	9	10	10	11	10	9	10	8	10	10	10
MAX:	12.2	9.5	13.7	10.6	11.1	9.8	12.7	11.6	12.9	7.7	16.6	13.3
MEAN:	5.72	6.66	6.16	6.08	6.09	5.87	7.43	7.61	8.23	5.22	9.03	7.13

ANNUAL OBSERVATIONS: 118 ANNUAL MEAN: 6.72 ANNUAL MAX: 16.6

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-021-0034 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: (145) R & P Model 2025 PM-2.5 Sequential
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2017

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	2.7			1.7	5.0							
2			2.8									
3											10.6	14.4
4									9.3	8.9		
5								6.7				
6		8.6				5.3	7.6					
7	7.0			1.9	3.2							
8			3.8									
9											2.1	5.0
10									6.6	8.8		
11								7.8				
12		8.4				10.1	TS					
13	8.7			9.8	4.8							
14			6.5									
15											9.5	11.2
16									3.9	2.3		
17								7.6				
18		7.7				8.0	7.6					
19	6.8			6.3	10.0							
20			9.2									
21											7.1	5.7
22									.1	8.1		
23								9.7				
24		6.8				6.2	10.3					
25	.3			3.0	3.8							
26			5.2									
27											6.6	7.5
28									14.9	4.7		
29								6.8				
30						3.0	5.4					
31	11.2				8.8							
NO.:	6	4	5	5	6	5	4	5	5	5	5	5
MAX:	11.2	8.6	9.2	9.8	10.0	10.1	10.3	9.7	14.9	8.9	10.6	14.4
MEAN:	6.12	7.88	5.50	4.54	5.93	6.52	7.73	7.72	6.96	6.56	7.18	8.76

ANNUAL OBSERVATIONS: 60 ANNUAL MEAN: 6.72 ANNUAL MAX: 14.9

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(88101) PM2.5 - Local Conditions

SITE ID: 37-021-0034 POC: 3
COUNTY: (021) Buncombe
CITY: (02140) Asheville
SITE ADDRESS: 175 BINGHAM ROAD
SITE COMMENTS: Located in BOARD OF EDUCATION ADMINISTRATIVE COMPOUND
MONITOR COMMENTS:

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

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LATITUDE: 35.6062000009
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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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2017

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

DAY	HOUR 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	2.1	3.8	3.1	.3	.0	.9	1.9	.2	-2.7	-.3	2.7	.3	1.9	2.9	2.1	2.0	2.0	.2	1.8	-.7	-1.9	.7	1.9	2.0	24	3.8
2	2.9	1.2	1.9	.2	3.6	3.1	-.6	2.6	3.0	3.9	-.3	2.7	-1.5	4.4	3.2	.3	1.8	2.0	3.8	4.9	7.7	1.7	1.0	1.9	24	7.7
3	-2.5	.6	3.7	-1.6	-1.1	1.7	-1.6	1.6	.2	2.7	-.6	1.7	.2	1.8	3.8	4.9	5.9	2.4	2.9	4.8	3.2	3.9	3.1	3.9	24	5.9
4	4.9	5.9	.6	1.8	-.7	.8	.1	2.7	-.6	-3.7	4.2	-.4	1.7	-.7	.8	1.9	5.6	4.2	3.1	2.1	2.9	4.8	3.2	2.1	24	5.9
5	4.7	5.0	3.5	4.8	6.8	8.8	6.3	8.7	9.0	5.4	5.9	9.6	5.5	1.4	7.3	3.5	1.2	4.6	1.4	3.7	4.0	9.4	5.5	3.2	24	9.6
6	3.9	9.3	6.4	7.8	5.3	3.2	2.1	1.1	1.9	2.0	.2	.9	3.7	4.9	4.1	4.9	4.1	4.0	.4	.9	3.7	5.8	5.1	3.2	24	9.3
7	5.7	4.2	4.9	5.0	7.7	7.1	3.4	2.1	1.1	2.8	2.1	2.9	3.9	5.7	6.9	3.4	4.9	7.7	6.2	7.8	7.1	9.7	7.3	3.4	24	9.7
8	5.7	6.9	5.2	9.5	5.4	5.0	6.8	6.1	3.3	8.4	6.3	7.3	4.3	4.0	2.2	2.9	3.0	1.2	5.5	6.0	6.9	11.5	13.8	12.2	24	13.8
9	13.8	12.2	12.1	16.5	5.3	10.3	11.0	8.3	7.1	3.4	3.0	3.0	2.1	3.8	4.9	8.6	6.3	6.0	5.1	5.9	9.6	8.2	8.9	7.2	24	16.5
10	6.1	7.8	6.2	6.0	3.3	5.7	6.9	6.1	6.9	6.1	2.4	-.7	3.5	2.2	2.9	4.8	8.6	6.3	5.1	5.0	7.7	8.9	9.0	5.4	24	9.0
11	8.6	8.1	8.9	7.2	7.0	6.1	8.7	8.1	8.9	10.8	8.3	8.9	5.4	3.8	6.7	4.3	5.8	3.3	5.7	5.1	8.6	9.9	8.2	10.7	24	10.8
12	6.5	7.8	7.1	8.8	6.3	3.3	5.5	6.0	9.6	10.0	7.3	AX	BA	5.8	3.3	.3	.9	1.9	2.0	4.7	2.3	2.9	7.5	1.7	22	10.0
13	5.5	3.3	7.5	6.2	6.9	5.2	5.0	3.2	6.6	5.3	13.1	8.6	5.3	9.5	10.0	7.1	4.3	3.1	2.1	3.9	5.8	5.1	9.5	14.5	24	14.5
14	9.6	14.4	6.9	10.5	9.2	11.7	9.3	9.0	8.1	6.2	6.0	6.9	7.0	7.0	6.1	4.2	8.5	8.1	10.8	11.0	13.7	14.9	17.7	15.3	24	17.7
15	10.5	8.2	8.9	11.7	10.2	12.7	11.2	5.6	4.1	7.6	8.0	6.2	4.2	2.2	-.7	8.0	.9	1.8	2.0	3.8	4.0	4.0	3.8	4.9	24	12.7
16	6.8	8.3	12.5	13.1	13.9	14.0	10.4	11.8	11.1	10.1	13.5	13.1	11.2	13.7	17.6	11.7	15.5	13.3	12.1	9.3	10.8	11.9	8.4	13.4	24	17.6
17	12.2	12.9	9.2	8.1	5.3	4.1	6.7	6.1	6.0	6.9	8.8	7.2	6.1	6.0	5.1	5.0	6.8	4.3	5.8	5.1	9.1	7.3	9.7	10.0	24	12.9
18	5.5	5.0	6.8	2.5	2.0	2.0	-2.5	.6	1.9	.2	2.7	-.6	4.4	3.2	3.0	-.6	2.6	.3	4.5	2.3	3.8	4.9	6.8	5.2	24	6.8
19	3.2	10.2	5.6	6.8	4.3	7.6	8.0	5.3	2.3	3.8	.4	9.0	6.4	7.8	1.7	3.7	1.3	4.6	4.1	4.9	3.2	3.9	5.8	8.4	24	10.2
20	1.8	3.7	4.0	9.4	5.5	5.0	5.8	5.1	5.3	10.4	4.7	13.0	9.5	6.3	5.1	4.1	.4	3.9	-.5	.0	5.4	7.8	6.2	20.3	24	20.3
21	13.0	20.1	18.3	14.4	16.7	13.4	10.3	10.9	9.2	8.1	8.9	6.3	10.5	11.9	12.9	13.0	8.5	6.2	11.4	11.6	12.8	15.7	13.3	16.6	24	20.1
22	13.4	16.7	13.4	12.1	13.8	6.8	6.0	4.2	1.3	-2.6	.6	2.8	-1.5	-1.1	4.4	-3.0	-1.3	-1.9	.7	1.9	-1.6	-2.9	2.4	-3.3	24	16.7
23	-3.1	1.5	-3.4	.5	.4	-1.8	.7	.7	-.8	1.7	1.1	-.8	2.6	-4.2	-2.3	-1.1	-3.7	-.4	.0	1.8	.2	1.8	-.7	-.1	24	2.6
24	.0	1.8	2.9	2.1	-.7	-.1	.9	-.8	-.1	.9	-3.5	3.1	1.3	1.0	.1	3.6	2.2	3.8	3.1	2.1	1.1	3.7	4.9	5.9	24	5.9
25	6.0	4.2	6.7	5.2	2.3	4.7	.5	3.6	6.5	-.1	4.4	5.0	4.9	5.9	6.0	6.0	5.1	1.4	1.0	3.7	3.1	3.9	6.7	7.9	24	7.9
26	4.4	6.7	4.3	8.5	6.3	4.2	5.8	3.3	.3	.9	2.8	1.2	1.0	2.8	5.7	2.4	1.1	1.0	1.9	1.1	1.0	3.7	3.1	4.8	24	8.5
27	4.1	2.2	.2	6.2	2.5	2.8	4.7	2.3	2.0	9.2	5.6	3.2	.3	8.0	3.7	2.1	3.8	2.2	2.0	4.7	5.0	3.2	1.2	1.0	24	9.2
28	5.5	4.2	1.3	4.6	3.2	1.0	1.0	.1	1.8	4.7	1.4	1.9	2.0	1.1	1.9	1.1	-1.7	2.5	3.0	3.6	2.2	.2	.9	2.8	24	5.5
29	2.1	1.1	6.3	3.4	3.0	2.1	2.0	2.0	3.8	4.9	-.3	-1.0	3.4	4.9	2.3	1.1	4.6	1.4	.1	6.2	2.6	2.0	-.7	2.6	24	6.3
30	.3	.0	3.6	-3.1	2.2	2.1	.2	.0	-1.8	-1.1	4.3	4.1	1.3	1.9	2.9	.3	5.3	3.3	3.0	3.9	8.4	8.1	14.2	12.3	24	14.2
31	17.3	18.0	17.1	20.6	21.0	17.4	17.0	16.1	20.4	16.6	11.6	7.6	10.6	5.7	5.0	1.4	4.6	5.0	1.4	3.7	2.2	2.7	7.4	10.7	24	21.0
NO.:	31	31	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	17.3	20.1	18.3	20.6	21.0	17.4	17.0	16.1	20.4	16.6	13.5	13.1	11.2	13.7	17.6	13.0	15.5	13.3	12.1	11.6	13.7	15.7	17.7	20.3		
AVG:	5.82	6.95	6.31	6.75	5.71	5.51	4.95	4.60	4.38	4.68	4.37	4.43	4.04	4.31	4.47	3.61	3.84	3.47	3.60	4.35	4.99	5.78	6.29	6.78		

MONTHLY OBSERVATIONS: 742 MONTHLY MEAN: 5.00 MONTHLY MAX: 21.0

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(88101) PM2.5 - Local Conditions

SITE ID: 37-021-0034 POC: 3
COUNTY: (021) Buncombe
CITY: (02140) Asheville
SITE ADDRESS: 175 BINGHAM ROAD
SITE COMMENTS: Located in BOARD OF EDUCATION ADMINISTRATIVE COMPOUND
MONITOR COMMENTS:

STATE: (37) North Carolina
AQCR: (171) WESTERN MOUNTAIN
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PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2017

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

DAY	HOUR 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	7.4	15.9	13.4	15.7	14.2	16.7	18.8	17.2	17.9	12.7	12.1	11.2	12.8	13.0	8.6	6.2	6.0	7.8	4.4	5.8	6.9	7.0	8.8	9.9	24	18.8
2	8.2	8.0	8.9	9.0	9.0	4.6	7.0	7.2	3.5	7.4	6.2	AX	AX	AT	AT	10.0	7.9	2.0	3.0	3.0	3.0	4.0	5.9	3.0	20	10.0
3	4.9	.1	1.9	2.9	3.9	3.0	2.0	1.0	3.0	2.0	2.1	5.0	5.9	4.9	3.9	3.0	5.0	4.9	2.9	1.9	1.0	5.0	4.0	4.5	24	5.9
4	2.9	3.1	7.9	6.0	8.0	7.5	5.9	2.0	4.0	4.1	10.9	4.0	2.1	4.9	1.0	.9	-1.9	1.0	2.0	2.0	2.1	7.0	4.8	5.9	24	10.9
5	2.1	4.9	2.1	6.9	3.0	4.0	5.1	7.9	5.0	4.1	9.1	11.9	8.9	4.9	7.0	4.0	4.1	7.0	7.0	6.0	7.0	8.0	7.0	9.1	24	11.9
6	13.0	14.0	11.9	11.0	12.9	11.0	10.1	13.3	11.1	16.1	20.9	16.9	10.9	6.3	7.0	6.9	4.0	4.0	4.0	6.0	6.3	5.1	6.0	5.0	24	20.9
7	7.0	6.9	3.1	8.0	9.0	12.0	10.2	11.0	11.0	11.0	12.0	11.0	8.0	7.0	5.1	11.0	9.0	11.0	11.1	13.0	11.0	10.0	7.1	8.0	24	13.0
8	7.0	9.0	8.0	10.0	9.9	3.1	8.9	5.0	4.4	3.3	14.0	13.0	10.0	10.9	6.0	4.0	3.1	7.0	4.1	8.0	8.0	5.0	7.0	6.1	24	14.0
9	12.7	-5.0	-1.9	4.2	9.9	6.0	8.0	6.0	7.0	9.9	1.0	-.9	3.0	1.0	-.8	4.9	-1.0	2.0	1.0	1.0	2.0	2.1	6.0	5.0	24	12.7
10	3.0	4.0	4.0	4.1	7.9	4.0	7.0	4.1	8.0	10.0	9.0	9.0	11.9	8.0	9.9	5.0	4.0	3.1	8.1	18.0	14.9	10.0	11.9	4.0	24	18.0
11	7.0	8.0	7.9	4.1	8.0	10.9	5.0	6.0	7.0	6.1	12.0	12.9	7.1	14.9	8.0	7.0	9.0	6.0	6.0	4.0	6.0	7.0	7.0	18.9	24	18.9
12	5.2	7.0	9.0	11.0	11.0	11.0	6.0	13.0	13.8	13.0	17.0	18.0	18.0	9.0	15.0	10.0	18.0	10.0	12.0	8.0	11.0	2.0	2.0	1.0	24	18.0
13	4.0	3.0	3.0	2.0	1.0	-2.0	-2.0	-3.0	-1.0	1.0	4.0	4.0	2.0	4.0	1.0	3.0	-1.0	1.0	-2.7	1.0	.6	5.0	4.0	8.0	24	8.0
14	7.0	7.0	11.0	14.0	15.0	12.0	12.0	14.0	9.0	12.0	13.0	15.0	10.0	8.0	5.0	3.0	-3.0	-1.0	-.1	3.0	2.0	4.0	2.0	8.0	24	15.0
15	7.0	6.0	5.0	6.0	8.0	1.0	5.0	3.0	2.0	4.0	-4.0	7.0	7.0	6.0	.0	2.0	5.0	1.0	1.0	3.0	2.0	5.0	3.0	5.0	24	8.0
16	.0	1.3	.0	1.0	3.0	1.0	-1.0	2.0	.0	2.0	2.0	5.0	5.0	3.0	2.0	.0	4.8	5.0	-1.0	2.0	3.0	4.0	4.0	5.0	24	5.0
17	10.8	13.0	6.0	13.0	15.3	12.0	13.0	16.0	7.0	16.0	24.0	AZ	BA	7.0	2.0	1.0	2.0	3.0	.0	1.0	2.0	2.0	5.0	6.0	22	24.0
18	8.0	7.0	11.0	14.0	13.0	8.0	8.0	4.0	10.0	11.0	14.0	16.0	14.0	14.0	9.0	7.0	8.0	-1.0	5.0	.0	1.0	4.0	10.0	12.0	24	16.0
19	11.0	14.0	11.5	10.0	11.0	14.0	10.0	7.0	7.0	10.0	8.0	9.0	7.0	8.0	4.0	10.0	7.0	8.0	4.0	7.0	4.0	6.0	8.0	10.0	24	14.0
20	9.0	12.0	10.0	12.0	10.0	14.0	11.0	11.0	14.0	22.0	21.3	17.0	19.0	9.0	7.0	4.0	4.0	5.0	4.0	5.0	4.0	6.0	5.0	6.0	24	22.0
21	9.0	8.1	8.6	8.0	7.0	5.0	8.0	6.0	6.0	9.0	14.0	10.0	8.0	9.0	10.0	6.0	15.0	8.0	8.0	10.0	11.0	16.0	18.1	16.0	24	18.1
22	11.0	12.0	11.0	12.0	9.0	10.0	12.0	11.0	11.0	12.0	8.0	8.0	6.0	5.0	8.0	12.0	9.7	8.0	5.0	7.3	10.0	9.0	10.0	8.0	24	12.0
23	10.0	9.0	9.0	8.0	9.0	14.0	11.0	5.0	6.0	6.0	11.0	12.0	16.0	14.0	8.0	6.0	7.0	6.0	4.0	4.0	9.0	6.1	10.0	5.0	24	16.0
24	7.0	8.0	5.0	8.0	6.0	9.0	5.0	6.0	3.0	5.0	16.0	14.0	9.0	6.0	5.0	5.0	9.0	5.2	1.0	7.0	4.0	6.0	8.0	6.0	24	16.0
25	16.0	10.0	11.0	10.0	12.0	11.0	12.0	7.0	12.0	4.0	-5.0	2.0	6.0	6.0	2.0	5.0	2.0	3.0	-2.0	-2.0	.0	-1.0	-2.0	-1.0	24	16.0
26	2.0	2.0	3.0	5.0	2.0	5.0	4.0	6.0	-1.0	7.0	5.0	11.0	6.0	8.0	3.0	2.0	5.0	6.0	.0	-1.0	3.0	7.0	7.0	11.0	24	11.0
27	8.0	12.0	13.0	10.1	11.0	10.0	11.0	7.0	6.0	10.0	9.0	12.0	10.0	9.0	2.0	6.6	7.0	6.9	6.0	7.6	7.0	11.0	11.0	13.6	24	13.6
28	13.0	13.0	12.0	12.0	12.0	13.0	13.0	15.0	14.0	17.0	17.0	13.0	8.0	11.0	8.0	4.0	4.0	3.0	8.0	5.0	8.0	7.0	7.0	9.0	24	17.0
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	28	28	26	26	27	27	28	28	28	28	28	28	28	28	28		
MAX:	16.0	15.9	13.4	15.7	15.3	16.7	18.8	17.2	17.9	22.0	24.0	18.0	19.0	14.9	15.0	12.0	18.0	11.0	12.0	18.0	14.9	16.0	18.1	18.9		
AVG:	7.61	7.62	7.37	8.50	8.96	8.24	8.07	7.53	7.17	8.85	10.13	10.27	8.91	7.84	5.43	5.34	5.45	4.75	3.78	4.88	5.35	6.05	6.70	7.43		

MONTHLY OBSERVATIONS: 666 MONTHLY MEAN: 7.16 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-021-0034 POC: 3
COUNTY: (021) Buncombe
CITY: (02140) Asheville
SITE ADDRESS: 175 BINGHAM ROAD
SITE COMMENTS: Located in BOARD OF EDUCATION ADMINISTRATIVE COMPOUND
MONITOR COMMENTS:

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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

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

DAY	HOUR 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	9.0	12.0	12.0	12.0	8.0	9.0	11.0	7.0	7.0	11.0	11.0	AX	4.0	9.0	11.0	11.0	8.0	5.9	3.0	1.0	5.0	6.0	4.0	9.0	23	12.0
2	-1.0	1.0	5.0	5.0	3.0	7.0	6.0	2.0	.0	2.0	5.0	4.0	2.0	3.0	5.0	3.0	3.0	1.0	.9	.0	1.0	6.0	4.0	4.0	24	7.0
3	4.0	2.0	1.0	3.9	2.0	7.0	4.0	2.0	1.0	4.0	2.9	2.9	6.0	2.0	3.0	2.0	1.0	2.0	2.0	2.0	2.0	4.0	2.0	6.4	24	7.0
4	4.0	7.0	8.0	7.0	8.0	10.7	8.0	9.0	2.0	9.0	10.0	9.0	8.0	7.0	4.0	2.0	6.0	5.0	4.0	4.0	6.0	9.0	16.0	25.0	24	25.0
5	21.0	31.0	30.0	29.0	25.0	26.0	23.3	22.0	20.0	15.5	16.0	13.0	12.1	11.0	10.0	7.0	7.0	7.0	6.0	5.0	7.0	9.0	11.0	15.0	24	31.0
6	14.0	11.0	14.0	12.0	15.0	13.0	16.0	17.0	18.0	16.0	20.0	18.0	14.0	12.0	9.0	11.0	7.0	7.0	10.0	15.0	12.9	15.0	12.0	11.6	24	20.0
7	16.0	14.0	16.8	15.0	12.0	9.0	7.0	7.0	6.0	6.0	5.0	9.0	10.0	1.0	9.0	6.0	7.0	5.0	6.0	10.0	8.0	5.0	3.0	4.0	24	16.8
8	3.0	3.0	3.0	-3.5	-2.0	4.0	3.0	5.0	-3.0	5.0	3.0	3.9	4.1	5.0	3.0	2.0	2.0	.0	2.0	3.0	.0	3.0	3.0	7.0	24	7.0
9	11.8	13.0	9.0	10.0	11.0	17.0	9.0	11.0	7.0	11.0	16.0	10.4	10.0	9.0	8.0	2.0	4.8	6.0	2.0	1.0	4.0	4.0	5.0	9.0	24	17.0
10	8.0	11.0	15.0	10.0	15.0	6.0	6.0	8.0	6.0	5.0	6.0	9.0	10.0	4.0	8.0	7.0	5.9	-1.0	2.0	1.0	-1.0	.0	-1.0	2.0	24	15.0
11	1.0	4.0	4.0	6.0	5.0	3.0	1.0	4.0	-1.0	9.0	3.0	5.8	7.0	1.0	-1.0	1.0	5.0	2.0	5.0	2.0	2.0	-1.0	3.0	2.0	24	9.0
12	6.0	3.9	5.0	3.9	5.0	4.0	1.0	4.0	3.0	-3.0	3.0	4.0	6.0	7.0	5.0	5.0	7.0	4.0	2.0	1.0	3.0	1.0	7.0	12.0	24	12.0
13	9.0	10.0	9.0	6.0	10.0	8.0	7.0	11.0	9.0	9.0	14.0	7.0	4.0	5.0	4.0	2.0	3.0	3.0	7.0	10.0	6.0	11.0	7.0	3.0	24	14.0
14	6.0	1.0	3.0	2.0	4.0	.0	.0	-1.0	3.0	3.0	1.0	3.9	2.0	4.6	4.0	7.0	4.0	8.0	6.0	4.0	11.0	4.0	6.0	7.0	24	11.0
15	5.0	6.0	4.0	1.8	2.0	2.0	7.3	6.0	2.1	4.0	3.0	3.0	6.0	3.0	4.0	3.0	3.0	2.0	2.0	1.0	3.0	4.0	3.0	3.0	24	7.3
16	3.0	5.0	5.0	4.8	4.0	6.7	5.0	4.0	2.0	5.0	9.0	9.0	5.0	4.0	8.0	7.0	2.0	8.0	5.0	5.0	9.0	8.7	7.0	15.0	24	15.0
17	14.0	15.0	17.0	16.0	16.0	14.0	19.0	17.0	17.0	18.8	15.0	AX	BA	19.0	10.0	10.0	9.0	5.0	9.0	4.7	8.0	15.0	13.3	14.0	22	19.0
18	12.0	13.0	13.0	14.0	16.0	19.0	13.0	18.0	19.0	8.0	15.0	10.0	10.0	13.0	10.0	2.0	6.0	5.0	.0	3.0	1.0	.0	4.0	2.0	24	19.0
19	3.0	2.0	1.0	2.0	2.0	1.0	2.0	3.0	-1.0	3.0	5.0	4.0	3.0	4.0	8.0	5.0	7.0	3.0	.0	1.1	5.0	2.0	2.0	7.0	24	8.0
20	7.0	9.8	9.0	12.0	11.0	10.9	10.0	9.0	7.0	12.0	11.0	11.0	2.0	6.2	4.0	3.0	7.0	6.0	12.0	13.0	15.0	13.0	16.0	21.0	24	21.0
21	19.0	21.0	13.9	16.0	17.0	14.0	11.0	11.0	9.0	19.0	22.0	19.0	8.0	17.0	15.0	12.0	12.0	10.0	7.0	8.5	10.8	11.0	15.0	.0	24	22.0
22	8.1	9.0	8.0	8.0	5.0	7.0	6.0	8.0	7.0	12.0	6.0	1.0	4.0	4.0	5.0	6.0	3.0	3.0	5.0	2.0	3.0	.0	4.0	5.0	24	12.0
23	9.0	7.0	7.0	5.0	6.0	10.0	8.0	4.0	4.9	5.0	8.0	4.0	9.0	10.0	6.0	7.0	6.0	2.0	3.0	7.0	5.0	7.6	7.0	6.0	24	10.0
24	9.0	5.0	8.0	8.0	7.0	7.0	13.0	12.0	6.0	12.0	13.0	10.0	12.0	4.0	5.0	5.0	8.0	8.0	7.0	6.0	8.0	7.0	8.0	11.1	24	13.0
25	14.0	10.0	11.0	12.0	11.0	12.0	7.0	5.0	7.0	10.0	5.0	9.0	10.0	3.0	8.0	8.0	5.0	9.0	3.0	8.0	7.0	7.0	10.0	9.0	24	14.0
26	9.0	10.0	5.0	7.0	5.0	5.0	10.0	1.0	2.0	-1.0	.0	1.0	7.0	5.0	7.0	5.1	3.0	4.0	5.0	6.0	8.0	5.0	4.0	6.0	24	10.0
27	4.0	6.0	3.0	5.0	6.0	6.0	9.0	2.0	11.0	5.0	16.0	12.0	13.0	10.0	10.0	2.0	4.0	15.0	11.0	5.0	7.0	10.0	11.0	11.0	24	16.0
28	3.0	5.0	4.0	6.0	8.0	3.0	4.0	4.0	3.0	12.0	1.0	7.0	1.0	8.0	5.0	6.0	6.0	2.0	8.0	3.0	3.0	4.0	2.0	5.0	24	12.0
29	5.0	7.0	4.0	4.0	4.0	5.0	6.0	6.0	3.0	4.0	7.0	6.0	7.0	6.0	6.0	10.0	7.0	3.6	6.0	.0	3.0	3.0	7.0	9.0	24	10.0
30	7.0	9.0	3.6	11.0	8.0	8.0	8.0	10.0	12.0	18.0	9.0	8.0	3.0	6.0	2.0	6.0	6.0	9.0	6.0	5.0	5.0	7.0	2.0	3.0	24	18.0
31	3.0	2.0	3.0	4.0	4.0	3.0	4.1	5.0	.0	8.0	-1.0	10.9	6.0	.0	.0	2.0	7.0	.0	.0	-2.0	.0	.0	4.0	4.0	24	10.9
NO.:	31	31	31	31	31	31	31	31	31	31	31	29	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	21.0	31.0	30.0	29.0	25.0	26.0	23.3	22.0	20.0	19.0	22.0	19.0	14.0	19.0	15.0	12.0	12.0	15.0	12.0	15.0	15.0	15.0	16.0	25.0		
AVG:	7.93	8.57	8.20	8.22	8.16	8.30	7.89	7.52	6.10	8.30	8.38	7.75	6.84	6.54	6.29	5.39	5.54	4.82	4.74	4.36	5.41	5.82	6.49	8.00		

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: 6.90 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-021-0034 POC: 3
COUNTY: (021) Buncombe
CITY: (02140) Asheville
SITE ADDRESS: 175 BINGHAM ROAD
SITE COMMENTS: Located in BOARD OF EDUCATION ADMINISTRATIVE COMPOUND
MONITOR COMMENTS:

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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

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

DAY	HOUR 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	2.0	2.0	1.0	-2.0	.0	1.0	1.0	-1.0	1.0	1.0	-2.0	5.0	2.0	1.0	3.0	2.0	1.0	3.0	2.0	2.0	.0	3.0	3.6	24	5.0
2	1.0	3.1	3.0	3.0	1.0	2.0	5.0	1.0	5.0	9.0	8.0	7.0	7.0	7.0	5.0	8.0	4.0	.0	3.0	4.0	-1.0	3.0	7.0	2.0	24	9.0
3	6.0	5.0	5.0	9.0	8.0	9.0	12.0	1.0	7.0	11.0	9.0	5.0	2.0	.0	-4.0	1.0	3.0	2.0	3.0	6.0	7.0	4.0	4.0	4.1	24	12.0
4	4.0	4.0	6.0	6.0	4.0	3.0	3.0	-2.0	7.0	AX	9.0	6.0	3.0	3.0	.0	4.0	1.0	4.0	2.0	1.0	2.0	4.0	6.0	5.0	23	9.0
5	11.0	10.0	8.0	5.0	9.0	5.0	6.0	7.0	11.0	11.0	10.0	9.3	6.0	1.0	4.0	2.0	2.0	4.0	-1.0	.0	.0	7.0	2.0	3.0	24	11.0
6	.9	2.0	2.0	3.0	3.0	1.0	.0	2.9	-3.0	-1.0	5.0	4.0	1.0	2.0	3.0	1.0	1.9	-1.0	.0	2.0	-4.0	-1.0	2.0	6.0	24	6.0
7	-3.0	1.0	1.0	6.0	-2.0	2.0	2.0	.0	-3.0	40.2	.0	-5.0MD	1.0	3.0	1.0	-1.0	1.0	.0	.0	.0	1.0	2.0	1.0	1.0	24	40.2
8	2.0	3.0	2.0	2.0	5.0	.0	2.0	4.0	3.0	3.0	4.0	7.0	9.0	4.0	5.0	2.0	.0	2.0	3.0	2.4	3.0	5.0	4.0	9.0	24	9.0
9	14.0	12.0	14.0	12.0	15.0	18.0	10.0	5.0	11.0	14.0	15.0	12.0	9.0	7.0	6.0	4.0	4.0	5.0	.8	2.0	4.0	5.0	8.0	7.0	24	18.0
10	6.0	7.0	7.0	3.0	7.0	5.0	7.0	9.0	8.0	9.0	10.0	11.0	12.0	12.0	7.0	6.0	6.0	5.0	9.0	5.0	10.0	13.0	8.4	8.0	24	13.0
11	10.0	10.0	10.0	10.0	13.0	15.2	13.0	9.0	12.0	17.0	16.0	14.0	11.0	13.0	12.0	12.0	9.0	6.0	12.0	9.0	13.0	13.0	14.0	14.2	24	17.0
12	16.0	13.0	11.0	10.0	4.0	3.0	5.0	4.6	7.0	5.0	7.0	7.0	10.4	5.0	6.0	5.0	7.0	4.0	3.0	1.0	7.0	7.0	7.0	6.0	24	16.0
13	11.0	6.0	11.6	11.0	14.0	10.0	13.0	11.0	8.0	18.0	12.0	12.0	12.0	10.0	8.0	11.0	1.1	8.0	4.0	9.0	10.0	9.0	9.0	10.0	24	18.0
14	12.0	14.0	15.0	12.0	11.1	13.0	15.0	12.0	18.0	19.0	18.0	19.0	14.0	8.7	11.0	12.0	8.0	9.0	8.0	8.0	14.0	12.0	13.0	14.0	24	19.0
15	14.0	13.0	13.0	10.0	16.0	12.0	16.0	13.0	12.0	13.0	13.0	14.0	14.0	6.0	7.0	8.0	6.0	1.0	8.0	4.0	8.0	4.0	8.0	6.0	24	16.0
16	7.0	8.0	13.0	8.0	9.0	11.0	10.0	4.0	7.0	12.0	14.0	12.0	14.0	12.0	11.0	-.9	16.9	13.0	13.8	9.0	8.0	11.0	13.0	17.0	24	17.0
17	15.0	14.0	16.0	15.0	15.0	16.0	14.0	12.0	21.9	13.1	11.0	11.0	8.0	4.3	9.0	4.0	-2.0	.0	7.9	.5	4.0	3.0	6.0	8.0	24	21.9
18	7.0	3.0	7.0	6.0	7.0	5.7	8.0	7.7	3.0	8.0	3.0	.0	3.0	4.0	4.0	5.0	10.0	6.0	6.0	7.0	9.9	3.1	7.0	8.0	24	10.0
19	9.0	8.0	7.0	7.0	7.7	8.0	12.0	9.0	10.0	7.0	7.0	4.0	4.0	5.0	1.0	5.0	6.0	13.9	8.1	5.0	10.0	9.0	11.0	12.0	24	13.9
20	11.0	7.5	12.0	12.0	11.0	13.0	13.0	13.0	17.0	14.0	14.0	17.0	18.0	11.1	8.0	10.0	4.1	9.9	4.1	13.9	11.0	11.0	11.0	12.0	24	18.0
21	12.0	10.0	13.0	6.1	7.0	6.0	11.0	5.1	AX	BA	20.9	16.0	14.0	11.0	15.0	5.1	15.9	.2	3.0	7.0	4.0	6.0	5.0	7.0	22	20.9
22	8.0	5.0	6.0	4.0	.0	1.1	3.0	4.0	6.0	10.0	14.9	12.0	15.2	10.1	.1	4.9	6.0	7.0	.1	5.9	2.0	-5.0	2.0	-1.0	24	15.2
23	-.9	1.0	3.0	.0	1.0	1.0	4.0	-3.9	.0	-2.0	1.0	.0	2.0	1.0	-.9	1.0	.0	1.0	1.0	-2.0	-2.0	.0	-1.0	-1.8	24	4.0
24	-1.4	-2.0	-1.0	-2.0	-1.0	3.0	1.0	1.0	-1.0	3.0	2.0	2.0	-1.0	-2.9	-2.0	2.0	5.0	5.0	4.0	2.0	2.0	2.0	.0	1.0	24	5.0
25	6.9	5.3	.1	4.0	6.0	3.6	1.0	.0	.9	-2.9	7.9	2.1	2.0	2.0	4.0	1.0	3.0	1.0	5.9	.1	.0	3.0	5.0	8.0	24	8.0
26	4.1	7.9	8.0	1.1	4.9	4.0	.1	3.9	1.0	2.0	5.0	8.9	6.0	7.0	7.0	5.3	7.0	6.0	2.5	6.0	7.0	10.9	12.0	9.0	24	12.0
27	9.0	11.0	14.9	16.0	16.0	13.0	15.0	11.1	13.0	13.0	10.0	15.9	14.0	16.0	12.1	8.1	7.0	4.0	6.0	8.0	7.0	5.0	8.9	11.0	24	16.0
28	10.0	12.0	9.0	11.0	7.1	10.0	4.1	4.0	9.9	7.0	11.9	11.0	11.0	14.0	12.0	13.0	11.0	11.0	10.0	9.0	13.9	14.0	12.4	13.0	24	14.0
29	13.0	13.0	12.0	15.9	12.1	14.0	11.1	7.1	13.9	13.0	16.9	16.0	16.0	14.0	17.9	17.0	18.0	21.9	22.0	20.0	26.9	20.1	20.0	16.1	24	26.9
30	10.1	12.0	15.9	9.1	9.0	4.1	6.0	5.0	7.0	8.0	7.0	4.1	6.0	7.0	3.1	5.0	5.0	4.0	6.9	4.6	6.0	5.0	4.0	6.0	24	15.9
31																									0	
NO.:	30	30	30	30	30	30	30	30	29	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	16.0	14.0	16.0	16.0	16.0	18.0	16.0	13.0	21.9	40.2	20.9	19.0	18.0	16.0	17.9	17.0	18.0	21.9	22.0	20.0	26.9	20.1	20.0	17.0		
AVG:	7.56	7.36	8.22	7.21	7.26	7.06	7.44	5.38	7.30	9.80	9.45	8.41	8.29	6.64	5.78	5.45	5.63	5.13	5.30	5.05	6.19	6.17	7.09	7.47		

MONTHLY OBSERVATIONS: 717 MONTHLY MEAN: 6.93 MONTHLY MAX: 40.2

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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-021-0034 POC: 3
COUNTY: (021) Buncombe
CITY: (02140) Asheville
SITE ADDRESS: 175 BINGHAM ROAD
SITE COMMENTS: Located in BOARD OF EDUCATION ADMINISTRATIVE COMPOUND
MONITOR COMMENTS:

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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

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

DAY	HOUR 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	4.9	5.0	4.0	4.0	4.0	3.0	3.9	9.8	4.1	5.9	7.9	2.1	10.8	2.1	4.9	11.8	8.0	4.0	1.0	.0	.9	.0	6.0	24	11.8
2	4.0	3.0	2.0	4.9	3.0	2.0	1.4	.0	.9	6.8	5.0	2.0	5.9	5.0	2.0	2.0	2.9	.1	1.9	.0	.9	1.9	4.9	4.0	24	6.8
3	3.0	4.9	5.9	.1	3.9	4.0	.0	-.9	4.8	6.9	4.0	5.9	6.0	6.0	4.0	6.9	5.0	6.9	2.0	4.0	.0	2.9	3.9	5.9	24	6.9
4	5.0	5.9	7.9	6.0	7.9	5.0	5.0	5.0	9.9	6.0	12.8	10.0	6.0	9.3	9.9	2.1	2.0	7.8	8.0	5.0	4.0	1.0	1.9	.0	24	12.8
5	.3	.0	-2.9	.9	1.0	-.9	2.3	2.9	-.9	7.1	-.8	1.9	7.8	1.1	-4.8	-2.0	8.7	-4.7	3.8	1.0	.0	.9	-.9	.0	24	8.7
6	-1.9	.9	1.0	.0	.9	-1.9	1.9	2.9	3.9	4.0	5.9	6.9	5.0	5.0	3.8	1.0	.0	.9	.0	2.9	3.0	4.9	4.0	4.0	24	6.9
7	3.0	2.0	2.9	3.9	3.0	1.0	3.9	1.0	4.5	4.9	5.9	4.0	2.0	1.0	6.8	1.1	2.9	2.0	3.9	-1.8	.9	.0	3.9	3.0	24	6.8
8	5.9	4.0	6.9	4.0	3.0	3.9	6.9	4.0	7.9	4.0	6.9	1.1	2.9	5.9	6.0	4.0	5.9	4.0	4.0	3.0	2.0	2.0	5.0	5.0	24	7.9
9	7.9	7.0	9.9	8.0	8.0	7.0	7.9	8.9	9.0	12.9	10.0	11.9	AX	17.8	8.2	10.9	10.0	6.0	7.9	3.1	6.9	7.9	6.0	8.9	23	17.8
10	8.9	8.9	10.9	11.9	10.0	7.1	11.8	9.0	11.9	17.8	14.0	14.9	11.0	12.9	10.0	12.9	11.0	8.0	8.9	5.1	11.8	12.0	11.0	11.9	24	17.8
11	12.0	12.9	12.0	13.9	7.1	13.8	14.9	13.0	16.8	17.9	7.9	12.8	7.1	7.9	11.8	12.0	5.1	5.9	2.1	3.9	10.8	10.0	11.9	12.0	24	17.9
12	12.0	12.0	13.7	16.9	8.2	12.8	9.2	8.0	9.9	10.9	14.8	15.0	12.0	14.9	8.1	8.9	6.0	6.9	1.1	4.8	4.0	2.0	.0	.9	24	16.9
13	-.9	2.8	4.9	5.0	5.9	7.9	7.0	7.0	3.1	.0	3.8	-1.8	7.7	3.1	3.0	1.0	7.8	.4	7.7	1.1	7.8	13.8	9.1	15.1	24	15.1
14	11.1	9.0	9.9	8.0	6.0	7.9	4.1	4.0	6.9	9.9	12.9	7.1	9.9	8.0	6.0	10.8	7.1	7.9	7.0	4.0	5.9	10.8	8.8	10.9	24	12.9
15	20.7	10.3	14.8	12.0	11.0	5.1	6.9	8.9	9.0	12.8	13.9	14.9	8.2	7.0	8.9	9.0	5.1	3.0	13.6	4.2	7.8	6.0	11.8	11.0	24	20.7
16	12.9	13.0	13.0	13.0	13.9	12.0	8.8	6.0	12.7	19.7	14.1	13.0	13.1	14.6	9.1	9.1	8.0	7.0	3.1	6.8	7.0	9.9	13.8	10.1	24	19.7
17	10.0	15.8	11.1	12.9	13.0	14.9	14.0	16.9	11.1	13.8	13.0	11.4	10.0	5.1	8.8	9.0	10.9	4.2	9.8	5.2	5.0	6.9	6.0	7.9	24	16.9
18	8.0	7.9	7.0	7.9	8.9	7.0	8.9	6.0	8.9	9.0	7.0	10.8	15.8	16.0	9.2	6.0	7.9	8.9	9.9	8.1	8.9	12.8	14.9	11.9	24	16.0
19	12.9	13.0	11.0	11.9	12.0	12.9	8.1	10.9	11.9	15.8	16.0	16.9	20.8	-4.1	7.5	14.7	12.0	7.1	11.7	10.0	10.0	8.0	9.9	11.9	24	20.8
20	10.0	14.8	14.0	10.4	9.0	11.9	11.0	9.0	9.9	14.8	15.9	12.1	6.1	9.8	9.0	9.0	8.0	8.9	9.9	7.0	7.9	12.8	12.0	12.0	24	15.9
21	12.0	10.0	5.3	6.9	4.0	5.9	1.1	2.9	3.9	.1	1.9	1.0	1.9	5.8	8.9	4.1	.1	.9	1.9	3.9	2.0	1.0	2.9	1.0	24	12.0
22	1.9	2.0	3.9	1.1	-1.8	.0	.9	.0	2.8	2.5	2.9	4.9	5.9	5.0	5.0	7.8	4.1	7.8	6.0	4.5	5.9	7.9	6.0	5.0	24	7.9
23	9.8	6.1	6.0	3.1	2.0	6.8	7.9	8.0	8.0	4.1	5.9	7.7	5.0	1.1	.0	.9	1.0	1.9	2.9	2.0	2.0	2.0	2.0	2.9	24	9.8
24	4.0	2.0	2.9	3.0	3.9	2.0	-.8	-1.0	2.8	.0	31.2	1.7	7.7	-.6	11.5	8.1	-2.6	5.6	-.7	1.8	2.9	2.2	5.8	2.1	24	31.2
25	1.0	.0	2.7	2.9	3.9	1.1	-.9	-1.0	6.7	5.0	3.0	4.9	3.0	3.0	7.8	.2	7.7	3.1	3.0	5.8	6.0	6.0	7.9	3.1	24	7.9
26	5.9	7.9	6.0	6.0	6.3	6.0	3.1	4.9	6.9	AZ	BA	5.0	5.9	3.1	.1	3.8	4.9	2.1	5.8	1.1	1.9	3.9	8.0	11.4	22	11.4
27	13.9	12.0	14.8	16.9	17.0	7.3	7.0	8.9	12.8	13.0	14.9	18.8	12.2	11.0	8.1	12.8	13.9	12.0	9.1	9.9	13.8	18.8	18.0	19.9	24	19.9
28	2.6	-.8	3.8	2.0	2.9	.1	-.9	1.8	4.8	2.1	1.0	3.8	6.8	7.9	3.1	1.0	2.9	3.0	4.0	4.0	3.0	2.0	5.8	4.3	24	7.9
29	5.9	9.8	3.2	4.9	9.8	9.0	9.0	5.1	12.6	9.1	7.0	9.8	5.1	6.9	6.9	7.9	2.2	5.8	6.9	3.1	6.8	8.9	8.0	7.0	24	12.6
30	6.0	8.8	9.9	6.1	6.9	6.0	4.0	4.0	4.0	6.8	6.0	7.9	9.9	8.1	8.0	8.0	4.1	5.9	6.5	4.0	4.0	6.8	8.9	9.0	24	9.9
31	9.9	10.9	8.1	8.9	7.0	5.0	5.9	4.0	7.8	7.2	7.0	10.8	10.0	6.1	6.9	2.2	5.8	6.0	1.2	3.9	3.0	5.8	7.9	12.7	24	12.7
NO.:	31	31	31	31	31	31	31	31	31	30	30	31	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	20.7	15.8	14.8	16.9	17.0	14.9	14.9	16.9	16.8	19.7	31.2	18.8	20.8	17.8	11.8	14.7	13.9	12.0	13.6	10.0	13.8	18.8	18.0	19.9		
AVG:	7.09	7.15	7.34	7.01	6.50	6.02	5.59	5.29	7.58	8.30	8.99	8.23	7.76	6.92	6.31	6.13	5.88	4.95	5.38	3.95	5.03	6.22	7.07	7.45		

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: 6.58 MONTHLY MAX: 31.2

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-021-0034 POC: 3
COUNTY: (021) Buncombe
CITY: (02140) Asheville
SITE ADDRESS: 175 BINGHAM ROAD
SITE COMMENTS: Located in BOARD OF EDUCATION ADMINISTRATIVE COMPOUND
MONITOR COMMENTS:

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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

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

DAY	HOUR 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	12.9	10.1	9.0	10.9	7.1	5.0	7.8	8.9	11.8	11.0	8.1	11.8	6.2	9.8	5.2	6.7	2.1	6.7	5.0	6.9	4.1	6.8	14.6	24	14.6
2	18.8	12.2	12.9	9.1	7.0	7.9	8.0	8.0	8.0	17.0	12.2	12.0	11.0	7.1	7.0	6.0	4.0	6.8	7.0	5.0	4.0	6.8	8.9	11.8	24	18.8
3	10.0	10.0	12.8	10.1	9.0	10.9	9.0	11.8	8.1	15.6	16.0	16.9	11.2	10.1	7.1	5.0	5.0	7.8	6.0	5.0	5.9	6.9	16.5	16.0	24	16.9
4	17.9	16.0	15.0	14.2	14.9	15.0	15.9	17.9	11.5	15.8	14.0	17.8	8.4	16.6	-1.1	3.2	12.5	2.4	10.6	8.1	6.0	6.0	8.8	9.0	24	17.9
5	7.0	9.8	10.0	9.0	5.1	4.0	4.0	2.0	3.9	4.0	7.8	4.1	6.8	3.1	2.0	5.8	6.0	1.2	.0	.9	2.9	2.0	2.9	-.8	24	10.0
6	-1.9	.0	2.8	-2.3	.8	2.9	.1	.9	1.9	4.8	7.8	1.3	4.8	4.0	3.0	3.9	4.0	4.9	5.9	4.0	3.0	4.9	4.9	5.9	24	7.8
7	3.1	4.9	7.8	4.1	5.9	5.0	3.0	3.9	4.9	8.8	4.2	7.8	8.0	1.3	3.8	4.0	8.7	1.3	3.8	4.0	4.9	6.9	8.9	7.0	24	8.9
8	5.0	5.9	6.0	5.0	5.9	7.9	6.9	6.9	.3	9.5	10.9	10.0	5.7	5.0	10.7	-3.2	-2.0	7.5	8.0	4.1	5.9	8.8	11.8	11.0	24	11.8
9	11.0	11.0	12.9	12.1	9.1	7.0	7.0	8.9	8.0	8.9	5.1	12.6	12.9	8.2	6.0	7.9	5.1	7.8	6.5	6.0	5.0	8.7	8.9	8.0	24	12.9
10	8.9	16.6	13.1	14.9	9.2	9.9	4.9	8.8	11.8	14.8	10.1	12.8	9.0	8.9	10.8	15.7	11.2	2.4	11.5	6.2	6.9	10.8	12.9	10.1	24	16.6
11	10.0	10.0	11.9	13.9	13.0	12.0	13.9	13.0	14.9	13.0	14.9	12.6	9.1	6.1	6.0	4.1	9.7	5.2	3.0	5.8	7.9	7.0	6.0	7.9	24	14.9
12	6.0	7.9	9.9	10.0	8.1	8.0	8.0	AX	BA	13.9	13.1	13.0	11.1	11.0	9.1	1.4	4.7	7.8	7.0	7.0	5.1	9.7	8.1	9.8	22	13.9
13	7.1	7.0	8.8	7.1	8.0	7.0	7.9	9.8	11.8	11.0	9.1	7.1	11.7	8.2	9.8	2.4	8.6	1.4	5.7	9.7	7.1	-.5	3.7	2.1	24	11.8
14	3.8	3.0	3.9	4.0	4.9	5.0	4.0	4.0	4.9	5.9	8.8	10.8	10.1	9.0	8.0	4.2	3.0	2.0	7.6	2.3	4.5	2.1	4.8	4.0	24	10.8
15	8.7	4.2	5.8	7.5	3.2	4.8	2.1	2.0	4.8	9.7	10.9	12.8	13.0	6.3	6.9	5.1	2.1	9.5	11.8	.1	1.8	4.8	5.0	5.9	24	13.0
16	1.2	6.6	1.3	.0	1.8	2.9	2.0	2.9	.1	7.5	9.8	6.2	7.8	9.8	.5	5.6	4.1	5.0	5.0	5.9	5.0	3.1	4.8	3.1	24	9.8
17	8.6	6.1	6.0	2.2	3.8	5.8	5.0	6.8	9.8	6.1	11.6	9.1	7.1	10.7	.5	3.7	10.6	11.9	7.2	4.1	4.0	9.6	11.8	5.3	24	11.9
18	7.8	8.0	7.0	10.7	7.2	8.8	8.0	12.7	8.2	10.8	10.0	10.9	7.2	3.2	6.7	4.1	4.9	5.0	4.0	2.1	3.8	4.9	5.0	5.9	24	12.7
19	6.9	5.1	5.0	5.0	3.1	5.8	5.0	.2	.0	8.5	7.1	9.8	8.1	6.1	2.2	2.0	5.3	6.9	1.6	6.6	1.3	.0	4.7	5.9	24	9.8
20	4.1	3.0	4.8	5.0	4.0	2.1	4.8	4.0	5.8	8.1	8.9	5.2	8.7	5.2	8.7	9.0	5.5	5.9	11.6	9.1	8.0	6.1	8.8	9.9	24	11.6
21	10.9	9.1	9.0	9.0	4.2	5.8	9.7	9.0	9.9	6.2	5.0	10.6	11.0	11.9	9.1	8.0	5.1	3.1	1.1	3.8	3.0	3.9	5.8	5.0	24	11.9
22	9.9	4.3	5.8	5.0	3.1	2.0	4.8	5.0	7.8	7.0	10.7	8.1	6.1	7.8	7.9	8.0	8.9	8.0	7.0	7.9	7.0	6.0	6.0	5.0	24	10.7
23	4.0	4.9	3.1	2.0	4.8	6.8	10.7	9.1	9.0	13.7	16.8	17.0	19.8	16.2	17.8	16.0	15.0	14.0	12.2	5.5	5.9	13.5	2.7	5.5	24	19.8
24	2.2	1.0	1.9	-3.0	-1.1	-1.9	1.7	.1	2.8	3.9	7.7	2.3	6.7	2.2	3.8	3.0	5.8	4.1	4.9	1.2	1.0	1.0	3.8	5.8	24	7.7
25	8.8	8.0	8.0	8.9	5.2	6.8	6.4	6.0	6.0	4.1	7.7	6.1	6.0	-.5	5.5	9.7	3.4	4.8	2.1	5.7	3.1	4.6	16.2	13.2	24	16.2
26	10.1	10.9	9.1	4.3	5.7	2.2	4.8	2.1	1.0	7.5	9.8	8.1	8.0	7.0	5.1	5.9	4.7	3.0	1.1	4.7	5.0	10.6	10.0	21.2	24	21.2
27	8.8	10.8	9.1	7.1	7.0	7.0	2.3	3.8	9.6	10.0	8.1	6.1	2.2	2.9	6.7	7.9	4.2	2.1	2.9	3.9	1.1	1.9	3.8	6.8	24	10.8
28	7.9	10.8	7.2	2.3	6.6	8.8	4.3	4.0	11.5	11.0	9.1	11.8	9.1	9.0	9.0	3.3	7.6	8.0	10.8	8.1	10.8	9.1	8.9	10.8	24	11.8
29	10.0	10.9	9.1	9.9	9.0	10.8	9.1	9.0	12.7	AX	AX	12.7	11.1	12.8	3.6	6.7	7.9	8.0	8.0	5.9	7.8	8.0	7.0	7.9	22	12.8
30	6.1	.3	4.4	4.0	.2	-.8	1.8	3.8	.2	1.8	-.3	.9	.0	4.6	4.0	-1.6	-.1	.9	-2.7	2.6	1.1	1.0	1.9	.1	24	6.1
31																									0	
NO.:	30	30	30	30	30	30	30	29	29	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	18.8	16.6	15.0	14.9	14.9	15.0	15.9	17.9	14.9	17.0	16.8	17.8	19.8	16.6	17.8	16.0	15.0	14.0	12.2	9.7	10.8	13.5	16.5	21.2		
AVG:	7.82	7.71	7.82	6.67	5.99	6.24	6.00	6.35	6.83	9.33	9.58	9.49	8.78	7.33	6.33	5.40	6.07	5.36	5.93	5.01	4.86	5.74	7.34	7.79		

MONTHLY OBSERVATIONS: 716 MONTHLY MEAN: 6.90 MONTHLY MAX: 21.2

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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-021-0034 POC: 3
COUNTY: (021) Buncombe
CITY: (02140) Asheville
SITE ADDRESS: 175 BINGHAM ROAD
SITE COMMENTS: Located in BOARD OF EDUCATION ADMINISTRATIVE COMPOUND
MONITOR COMMENTS:

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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

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

DAY	HOUR 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	4.8	1.2	1.9	2.0	2.0	2.0	2.0	.1	.9	12.2	9.2	8.0	8.9	7.1	10.7	-3.9	15.5	2.0	-.8	4.6	1.2	4.7	7.8	24	15.5
2	4.2	8.6	7.1	6.0	2.2	4.8	1.2	.0	5.6	6.5	6.0	5.0	6.9	7.0	7.0	2.3	5.7	3.1	7.6	5.1	5.0	4.0	6.8	6.0	24	8.6
3	6.9	13.5	10.2	9.0	5.2	7.8	8.9	8.0	10.1	11.8	7.3	7.9	11.7	4.6	9.6	6.2	6.0	8.8	6.1	9.7	7.2	7.9	7.0	7.0	24	13.5
4	7.0	7.9	8.0	8.0	6.1	7.8	7.0	6.0	8.7	9.0	12.7	8.3	7.0	11.6	13.8	12.1	8.2	4.2	6.7	12.5	5.5	7.7	8.9	13.3	24	13.8
5	10.2	10.0	9.0	8.1	10.8	8.2	9.8	3.4	1.1	8.4	10.8	10.0	10.0	10.0	10.0	-2.1	3.5	15.1	.1	4.5	4.0	4.0	4.0	6.7	24	15.1
6	6.0	2.2	.1	2.7	1.1	4.7	1.2	2.8	-.7	3.6	11.4	-.1	7.3	8.9	6.2	19.9	-3.2	6.9	7.0	5.1	7.7	3.3	7.6	8.0	24	19.9
7	4.1	7.7	8.0	9.8	6.2	6.9	4.2	4.9	5.0	2.2	8.5	8.0	5.2	4.0	2.1	3.8	11.4	8.2	7.0	4.2	6.7	8.8	9.9	10.0	24	11.4
8	9.0	10.8	7.2	7.0	7.0	3.2	5.7	4.1	4.0	13.3	6.5	9.7	10.0	8.1	8.0	8.0	-4.0	-1.2	-1.0	3.6	4.9	2.2	5.7	6.9	24	13.3
9	3.2	4.5	6.8	2.3	2.0	3.8	3.0	-.7	4.5	5.0	3.1	4.8	11.5	7.3	7.0	7.9	6.1	5.0	5.0	4.0	5.8	5.0	7.7	8.9	24	11.5
10	6.2	10.6	9.1	9.0	8.0	8.9	5.2	1.1	7.4	9.8	14.6	12.2	9.2	8.0	5.2	4.0	5.8	4.1	6.7	3.2	9.4	10.0	11.8	12.0	24	14.6
11	12.0	8.2	8.0	8.0	4.2	10.4	7.2	6.8	7.9	9.2	14.6	13.1	13.0	7.4	8.8	9.0	6.2	7.8	10.6	4.4	7.8	10.7	13.7	14.0	24	14.6
12	12.1	9.2	11.7	12.0	13.7	10.3	10.0	11.8	13.8	21.4	16.4	14.4	12.1	12.0	13.8	13.0	17.6	10.5	5.3	7.7	8.0	8.9	6.2	10.6	24	21.4
13	8.7	8.0	6.1	7.8	9.8	6.2	6.0	10.5	8.2	13.5	15.8	15.0	10.3	10.9	9.1	9.9	1.6	1.9	2.9	6.7	2.8	7.5	3.3	2.0	24	15.8
14	2.8	2.9	3.9	4.9	6.8	4.2	4.9	3.1	-1.6	7.2	13.5	8.3	8.9	10.8	11.0	10.0	8.1	6.1	4.1	6.7	7.0	5.5	8.7	4.3	24	13.5
15	5.8	9.7	9.0	9.9	8.1	3.3	5.7	4.1	3.0	10.3	6.3	6.9	7.0	3.3	3.9	-1.5	.7	8.3	6.2	7.8	8.9	6.2	8.7	9.9	24	10.3
16	11.8	5.5	4.0	8.6	5.3	4.0	4.0	4.0	7.6	4.3	7.6	11.6	10.1	9.0	7.1	8.8	5.3	7.7	6.1	4.1	9.5	6.3	8.7	10.8	24	11.8
17	7.3	7.9	8.0	7.0	4.2	4.0	4.0	6.7	6.0	AX	8.9	10.8	11.9	10.4	6.3	5.0	.3	4.6	3.1	7.6	5.2	5.9	1.4	4.6	23	11.9
18	5.9	4.1	5.8	6.0	5.0	3.1	3.9	2.1	7.5	6.1	12.4	13.0	8.5	6.1	5.0	11.4	7.3	1.4	4.6	1.3	1.9	8.4	5.3	6.8	24	13.0
19	5.1	6.8	5.7	6.8	6.0	5.0	5.9	7.8	10.7	9.1	11.7	12.9	13.0	8.3	7.0	9.7	10.0	9.0	10.2	11.4	10.1	11.8	12.9	13.9	24	13.9
20	13.0	13.9	12.1	12.0	14.7	13.1	8.3	8.9	16.4	13.3	16.6	20.6	15.4	14.0	9.3	10.8	11.0	10.0	9.9	7.2	10.6	10.0	11.8	11.2	24	20.6
21	13.7	14.0	12.1	12.9	13.9	11.2	12.8	12.0	15.6	13.2	18.5	15.3	13.1	11.1	8.2	8.9	9.0	6.2	9.6	7.2	11.6	10.1	14.5	12.2	24	18.5
22	12.7	12.9	16.6	13.3	10.2	11.8	11.0	10.0	12.7	16.6	21.5	16.4	16.9	16.0	9.5	4.4	6.4	8.8	16.3	9.6	9.0	9.0	12.6	11.1	24	21.5
23	13.7	12.2	14.7	11.3	10.0	12.7	9.3	10.8	14.6	15.0	17.7	13.4	19.4	-.2	4.4	5.0	8.6	9.9	12.7	11.8	9.2	7.1	7.0	8.8	24	19.4
24	8.0	7.0	5.2	5.9	2.3	3.8	4.0	4.0	5.8	4.1	4.0	8.5	8.0	9.8	10.9	8.2	13.5	7.7	9.7	8.1	8.9	10.8	9.1	14.5	24	14.5
25	10.4	11.8	12.9	13.1	11.1	10.0	11.8	8.3	10.7	16.5	17.9	17.0	17.0	16.0	15.0	14.9	15.0	15.9	14.1	10.3	16.4	14.2	11.2	11.0	24	17.9
26	8.2	11.6	9.2	9.9	10.0	10.0	13.6	10.3	16.4	15.1	15.0	17.7	19.8	16.3	15.0	11.3	19.2	15.4	13.1	13.9	15.8	16.0	15.0	17.7	24	19.8
27	18.9	16.2	17.8	20.7	19.1	20.8	19.1	20.8	13.6	19.4	17.2	17.0	23.4	8.4	18.9	5.3	9.4	14.5	13.1	7.5	8.8	10.8	8.2	7.0	24	23.4
28	10.6	8.2	9.8	9.0	10.8	10.0	8.1	7.0	AX	BA	BA	17.2	25.2	18.6	16.1	17.8	17.0	13.3	11.1	8.2	2.5	5.6	6.0	4.1	21	25.2
29	5.8	2.3	4.7	3.1	7.5	8.9	10.8	14.6	12.2	9.2	13.5	12.1	8.3	8.9	7.1	6.0	6.0	4.1	5.8	-2.2	-.2	.9	3.7	3.0	24	14.6
30	4.8	5.9	6.8	6.0	3.4	5.7	2.3	3.8	2.1	8.3	9.9	7.2	5.1	3.1	5.7	7.8	1.6	3.7	4.0	-.3	3.5	2.1	10.2	6.4	24	10.2
31	7.8	6.1	6.9	4.2	5.8	7.8	4.5	5.8	6.0	10.5	12.8	11.1	12.8	8.4	5.2	21.4	6.5	5.0	5.9	.5	2.7	3.0	10.2	7.3	24	21.4
NO.:	31	31	31	31	31	31	31	31	30	29	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	18.9	16.2	17.8	20.7	19.1	20.8	19.1	20.8	16.4	21.4	21.5	20.6	25.2	18.6	18.9	21.4	19.2	15.9	16.3	13.9	16.4	16.0	15.0	17.7		
AVG:	8.35	8.55	8.31	8.26	7.50	7.56	6.95	6.61	7.83	10.10	12.16	11.44	11.81	9.26	8.82	8.71	6.96	7.79	7.28	6.15	7.12	7.25	8.47	8.96		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 8.42 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-021-0034 POC: 3
COUNTY: (021) Buncombe
CITY: (02140) Asheville
SITE ADDRESS: 175 BINGHAM ROAD
SITE COMMENTS: Located in BOARD OF EDUCATION ADMINISTRATIVE COMPOUND
MONITOR COMMENTS:

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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

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

DAY	HOUR 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	8.8	9.9	7.2	7.9	5.7	7.7	6.1	9.6	8.1	17.1	16.1	11.4	15.5	11.4	8.2	12.5	5.7	10.4	-1.7	7.9	9.9	10.9	11.9	10.1	24	17.1
2	10.0	10.9	11.9	9.2	10.8	11.9	11.0	12.8	10.2	11.8	12.9	19.3	15.4	13.1	17.9	13.4	16.6	14.2	8.4	8.8	9.9	11.8	15.6	10.5	24	19.3
3	11.8	9.2	8.0	11.6	9.2	8.0	9.8	10.9	14.6	12.2	15.6	14.1	13.9	13.0	12.0	12.9	13.9	12.1	6.1	9.6	8.1	11.6	15.6	15.0	24	15.6
4	15.9	10.5	14.5	15.0	13.1	14.8	13.1	14.8	16.8	17.0	20.1	AC	AC	17.4	11.6	9.1	10.8	7.3	4.2	1.2	5.5	6.0	7.8	4.3	22	20.1
5	4.9	5.0	6.8	7.9	7.0	7.0	6.0	5.0	3.1	5.7	5.0	5.9	9.6	7.2	AC	AC	1.0	4.6	5.9	.5	2.7	2.9	4.8	5.0	22	9.6
6	5.0	6.8	4.2	4.6	6.7	6.0	2.3	2.9	4.4	11.4	7.4	7.9	9.8	9.0	9.9	10.0	8.1	7.0	7.9	6.1	7.8	9.8	10.9	13.7	24	13.7
7	9.4	9.0	7.2	5.1	7.7	2.5	-.7	2.6	1.1	8.2	8.0	10.7	7.7	7.0	6.0	8.7	8.0	7.0	10.6	7.3	6.9	4.2	2.1	2.9	24	10.7
8	5.7	-.3	.8	-2.6	1.5	2.9	.2	.0	3.6	2.1	-.7	.0	7.2	5.2	3.1	4.8	5.0	5.0	6.8	7.0	7.9	8.9	8.0	8.0	24	8.9
9	8.0	4.3	7.6	7.0	5.1	6.8	7.9	5.2	7.7	8.9	9.9	9.0	10.8	12.6	9.3	11.7	9.2	8.0	8.9	6.2	7.8	8.0	10.7	9.1	24	12.6
10	10.8	13.7	9.4	12.6	11.8	10.1	11.8	11.0	13.7	11.2	10.0	9.0	7.1	10.6	11.0	9.1	11.7	12.0	12.9	7.5	7.0	7.9	9.8	12.7	24	13.7
11	11.1	10.0	12.7	12.0	9.2	10.8	10.0	10.0	11.8	10.1	8.1	9.0	9.0	7.1	5.1	5.9	5.0	-1.0	5.2	6.0	2.3	3.8	-1.4	1.6	24	12.7
12	1.0	2.8	2.0	2.9	3.0	2.0	5.6	-.3	4.4	3.1	7.5	8.0	8.9	8.0	8.9	1.7	6.4	4.2	2.1	2.0	1.0	1.0	1.0	3.7	24	8.9
13	4.9	2.2	2.0	2.0	3.8	2.1	2.6	2.0	2.0	2.9	4.8	8.6	7.1	6.0	6.0	6.9	9.7	4.5	4.0	3.0	7.5	8.9	1.7	5.5	24	9.7
14	4.1	5.8	5.0	5.0	2.2	6.4	6.0	4.2	5.8	2.3	9.2	10.0	13.6	11.2	11.9	9.2	8.0	7.0	8.9	7.2	2.0	3.8	8.5	9.0	24	13.6
15	6.2	9.6	10.0	6.3	4.1	7.6	8.9	7.1	AX	AX	10.1	7.2	2.4	2.9	3.9	4.9	4.0	5.8	4.1	4.0	4.0	3.0	3.9	4.0	22	10.1
16	4.0	6.7	4.2	2.1	2.0	2.0	-.7	1.7	2.0	6.5	8.8	4.4	4.0	9.4	9.1	5.4	5.0	11.3	8.4	7.1	3.4	8.4	7.2	4.3	24	11.3
17	4.0	6.6	7.0	4.3	5.7	6.0	6.0	6.0	6.0	2.4	11.0	11.1	11.0	8.3	12.4	6.7	4.1	3.0	3.8	2.2	2.0	5.5	6.0	5.9	24	12.4
18	5.0	5.8	2.4	2.0	4.6	4.1	1.3	.1	1.7	2.0	5.5	12.2	16.5	13.4	4.0	4.7	6.7	6.5	7.8	5.3	5.8	6.0	8.6	8.1	24	16.5
19	6.2	6.8	7.0	5.2	5.0	7.6	3.5	5.6	2.4	9.1	11.7	15.5	12.4	11.6	10.1	10.9	7.4	16.8	8.1	4.3	5.7	8.6	11.6	12.8	24	16.8
20	11.2	13.6	10.4	12.6	11.2	9.2	9.0	8.9	3.6	15.5	16.1	16.0	14.2	14.8	14.1	12.2	7.5	2.5	4.6	6.5	8.7	10.7	12.7	12.1	24	16.1
21	12.0	13.7	12.2	11.1	11.0	13.6	12.2	12.0	8.4	18.7	18.2	16.2	14.2	14.0	10.4	10.0	14.4	8.4	11.5	11.1	11.8	12.0	13.7	13.1	24	18.7
22	13.8	15.7	16.8	11.6	16.3	14.3	9.5	10.7	13.6	14.0	22.0	25.6	26.8	17.1	11.5	16.3	16.1	7.0	9.5	10.0	11.7	11.0	11.8	15.5	24	26.8
23	13.3	10.3	12.6	10.3	11.6	10.1	10.0	9.1	17.9	16.7	1.7	-.8	7.9	5.4	9.2	6.3	6.8	7.0	6.1	4.2	4.0	6.6	6.1	5.1	24	17.9
24	6.7	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	AZ	AZ	BA	BA	6.8	7.1	6.1	8.6	5.4	6.7	6.1	6.0	7.7	10	8.6
25	8.0	7.1	7.8	9.7	8.2	10.6	6.5	7.7	8.0	10.6	11.8	15.5	10.6	10.0	12.6	10.3	6.4	9.2	8.1	8.8	10.7	11.0	11.8	12.8	24	15.5
26	9.4	12.5	12.1	9.3	13.4	11.3	11.8	9.3	11.6	12.0	17.3	12.6	15.5	7.0	11.3	14.5	10.5	10.0	10.9	10.1	12.6	13.0	13.0	13.8	24	17.3
27	11.3	12.4	10.2	10.0	9.1	9.8	8.2	8.0	12.4	11.2	11.0	10.1	9.1	9.0	10.7	8.3	9.7	6.4	6.8	8.7	9.8	8.2	7.1	9.6	24	12.4
28	9.1	10.7	10.1	9.9	10.8	9.2	9.0	3.6	10.1	11.6	11.0	11.0	8.0	9.7	5.5	8.5	9.0	16.1	6.3	4.1	6.6	7.8	7.9	8.0	24	16.1
29	7.1	8.3	6.1	8.6	10.7	7.4	9.6	7.3	6.1	8.6	2.7	9.1	9.1	8.1	8.9	3.6	3.0	2.1	3.7	-.4	1.6	2.8	4.7	7.6	24	10.7
30	4.4	5.7	5.6	5.9	5.1	5.0	1.4	5.4	8.6	8.8	16.9	12.6	10.2	9.1	10.7	5.6	4.1	2.2	5.5	6.0	7.7	8.8	6.3	6.8	24	16.9
31	5.2	7.1	5.2	7.6	6.2	6.8	7.0	6.1	5.2	11.2	8.4	7.9	5.3	7.6	2.6	2.0	2.0	3.7	2.2	4.6	1.4	2.7	3.8	2.2	24	11.2
NO.:	31	30	30	30	30	30	30	30	29	29	30	29	29	30	29	30	31	31	31	31	31	31	31	31		
MAX:	15.9	15.7	16.8	15.0	16.3	14.8	13.1	14.8	17.9	18.7	22.0	25.6	26.8	17.4	17.9	16.3	16.6	16.8	12.9	11.1	12.6	13.0	15.6	15.5		
AVG:	8.01	8.41	7.97	7.56	7.73	7.79	6.83	6.64	7.76	9.76	10.60	10.66	10.79	9.87	9.24	8.43	7.84	7.30	6.65	5.88	6.47	7.47	8.04	8.40		

MONTHLY OBSERVATIONS: 724 MONTHLY MEAN: 8.15 MONTHLY MAX: 26.8

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: 37-021-0034 POC: 3
COUNTY: (021) Buncombe
CITY: (02140) Asheville
SITE ADDRESS: 175 BINGHAM ROAD
SITE COMMENTS: Located in BOARD OF EDUCATION ADMINISTRATIVE COMPOUND
MONITOR COMMENTS:

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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

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

DAY	HOUR 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	1.1	2.7	3.8	3.1	3.8	1.3	1.8	2.0	5.5	8.6	9.0	4.5	11.1	3.1	3.7	4.0	5.7	1.5	1.8	1.1	1.8	2.8	1.2	24	11.1
2	.1	1.7	-.6	2.5	.3	1.7	2.8	.3	3.4	3.1	4.7	6.7	4.3	-.4	5.2	4.2	2.2	1.1	4.5	-1.2	2.4	4.6	8.5	12.5	24	12.5
3	12.1	12.8	13.8	13.1	13.8	14.0	14.8	11.4	4.7	12.8	9.5	9.8	8.2	9.7	8.2	6.2	2.4	3.7	2.2	6.4	4.3	5.7	8.6	9.0	24	14.8
4	8.1	11.5	8.4	6.2	6.8	4.3	3.9	5.7	5.1	8.5	11.6	12.8	10.1	9.9	21.5	11.5	7.3	7.0	3.4	4.7	5.8	7.7	7.1	8.7	24	21.5
5	9.8	10.8	8.3	9.7	7.3	9.6	6.4	8.6	5.4	13.8	15.0	16.7	19.6	19.1	15.4	6.9	13.8	14.8	3.4	6.4	8.7	5.4	9.4	8.2	24	19.6
6	7.1	9.6	8.2	7.1	4.3	1.3	4.5	5.8	4.2	4.0	4.0	7.5	9.7	9.9	9.7	11.7	13.3	4.7	3.9	4.0	6.6	5.2	5.3	5.0	24	13.3
7	6.7	7.0	5.2	3.2	4.6	4.9	2.3	2.8	5.6	AX	10.4	8.3	8.8	4.5	16.3	6.5	6.7	6.1	3.3	3.8	3.1	2.1	5.5	5.9	23	16.3
8	5.1	4.1	4.0	5.7	5.1	3.2	2.1	2.0	4.6	3.2	10.0	11.0	9.2	9.0	4.5	3.9	2.2	2.8	.3	2.6	2.1	3.7	4.8	9.4	24	11.0
9	5.5	6.7	9.6	10.0	5.5	7.6	7.1	5.2	5.0	6.7	7.8	13.2	6.9	5.1	8.5	9.8	1.1	7.9	5.4	5.8	5.8	7.6	7.8	7.0	24	13.2
10	6.0	5.0	4.9	4.0	4.8	4.0	3.0	.3	7.8	6.2	1.5	6.2	6.1	.7	3.5	4.8	2.2	2.8	3.0	-.5	-.1	.8	1.0	2.7	24	7.8
11	3.0	3.8	4.8	2.1	1.9	4.6	5.0	5.0	4.1	2.2	2.8	4.7	2.3	6.1	6.9	6.1	2.4	4.6	.6	1.7	2.0	2.0	-.6	2.5	24	6.9
12	2.1	1.1	-1.6	-.2	.0	-1.7	.6	.4	.0	-2.5	-1.2	-.1	.0	.8	3.6	2.2	3.7	4.8	5.0	4.1	5.5	5.9	4.2	2.2	24	5.9
13	3.7	.7	.9	.1	2.6	3.8	3.1	3.0	4.7	4.1	6.6	12.2	6.8	7.0	7.0	6.1	8.6	7.2	10.5	10.1	10.0	9.1	9.0	9.8	24	12.2
14	10.8	12.7	12.1	9.3	10.7	11.0	9.2	9.8	11.7	12.8	17.3	16.2	12.4	8.4	9.1	15.1	4.5	1.2	5.3	6.8	3.4	4.7	5.0	5.8	24	17.3
15	4.2	4.8	5.8	2.4	3.7	2.2	5.5	6.0	6.8	7.8	15.0	12.4	13.7	5.2	7.5	8.8	8.1	7.1	6.1	8.6	8.1	15.0	13.3	13.8	24	15.0
16	14.8	10.6	10.0	8.2	8.0	7.1	6.1	6.0	3.3	5.6	5.9	13.0	11.3	6.6	7.7	6.2	6.8	2.6	2.8	5.6	8.6	10.7	13.4	8.7	24	14.8
17	10.6	11.0	10.1	6.4	6.8	7.8	7.1	4.3	8.3	8.1	12.3	12.9	11.2	10.1	7.2	5.2	5.8	6.8	4.3	8.2	8.1	8.8	9.9	9.9	24	12.9
18	12.6	9.4	9.8	7.3	7.8	8.0	6.2	6.0	5.1	7.6	11.4	14.6	12.3	7.6	10.4	8.3	8.8	6.3	5.9	7.7	9.7	10.0	12.6	13.8	24	14.6
19	11.3	14.4	13.2	13.8	10.5	10.0	10.8	9.2	13.3	14.0	19.2	19.1	15.5	13.2	14.7	8.8	9.7	10.8	8.3	8.8	12.4	13.0	12.1	12.0	24	19.2
20	12.0	10.2	10.0	12.6	13.8	11.3	7.5	6.1	7.7	9.7	12.6	14.7	13.3	13.0	13.0	9.5	9.0	9.8	5.6	6.7	8.7	9.8	8.2	9.7	24	14.7
21	12.6	11.2	10.2	10.8	9.2	8.1	8.0	7.9	7.9	4.6	14.4	12.5	10.2	12.6	3.4	9.1	4.7	-3.8	2.6	10.0	11.0	9.2	8.1	7.1	24	14.4
22	7.8	5.4	7.6	4.5	4.8	7.6	4.5	4.8	3.2	8.2	11.6	11.1	12.7	10.3	11.7	19.8	7.0	11.9	7.7	6.1	9.4	13.4	14.8	14.1	24	19.8
23	14.8	9.7	8.1	10.6	9.2	9.0	7.2	8.7	10.7	13.6	19.2	15.6	14.1	14.8	6.2	14.5	14.2	-1.6	6.4	8.8	9.0	8.1	10.6	14.4	24	19.2
24	12.4	12.8	12.1	9.3	7.2	5.2	3.2	3.8	4.8	5.8	9.4	11.7	12.0	13.7	12.2	5.0	7.4	4.5	3.1	4.7	5.0	6.7	6.1	6.0	24	13.7
25	7.7	7.1	6.1	6.0	4.2	3.1	5.6	3.3	.3	AX	BA	10.2	7.3	11.3	9.3	5.5	7.5	7.1	5.2	4.1	6.6	5.3	8.4	8.1	22	11.3
26	6.2	10.3	10.1	8.4	7.1	7.8	6.2	6.8	5.0	11.0	11.8	12.8	11.2	8.3	8.0	5.3	8.4	8.9	2.6	5.4	6.8	5.2	6.7	9.6	24	12.8
27	7.3	7.8	8.0	8.8	9.0	7.2	7.8	5.3	5.8	12.0	13.0	11.2	13.6	12.2	11.1	12.7	10.3	11.7	6.7	4.2	8.6	6.4	6.8	8.7	24	13.6
28	13.3	12.2	9.3	12.4	12.1	9.7	9.9	7.4	8.7	13.3	14.8	15.0	12.4	13.7	14.0	12.2	12.8	13.0	12.2	13.7	15.7	13.4	9.5	8.9	24	15.7
29	9.7	9.8	6.4	5.0	6.7	5.2	6.7	5.2	7.5	6.1	8.4	4.6	8.3	9.0	13.3	6.1	4.9	9.3	9.1	7.2	7.8	6.2	3.4	5.5	24	13.3
30	5.1	2.4	2.8	4.8	5.0	5.8	5.1	-.1	3.3	9.1	10.0	6.5	5.1	3.2	3.8	3.1	.4	.8	.1	.0	4.3	3.2	9.0	10.8	24	10.8
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	28	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	14.8	14.4	13.8	13.8	13.8	14.0	14.8	11.4	13.3	14.0	19.2	19.1	19.6	19.1	21.5	19.8	14.2	14.8	12.2	13.7	15.7	15.0	14.8	14.4		
AVG:	8.15	7.92	7.34	6.93	6.53	6.24	5.78	5.09	5.67	7.75	10.26	11.07	9.77	8.86	9.20	7.96	6.67	5.99	4.70	5.54	6.68	7.02	7.71	8.37		

MONTHLY OBSERVATIONS: 717 MONTHLY MEAN: 7.38 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-021-0034 POC: 3
COUNTY: (021) Buncombe
CITY: (02140) Asheville
SITE ADDRESS: 175 BINGHAM ROAD
SITE COMMENTS: Located in BOARD OF EDUCATION ADMINISTRATIVE COMPOUND
MONITOR COMMENTS:

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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

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

DAY	HOUR 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	7.5	9.5	6.5	5.1	4.1	1.4	1.8	-.5	-.1	1.7	5.4	8.5	5.5	4.0	4.8	4.1	.5	1.7	1.1	2.7	2.1	4.6	1.5	5.3	24	9.5
2	6.0	4.2	6.5	5.2	4.9	2.4	2.8	2.1	3.7	7.4	8.8	4.6	6.5	5.2	4.1	3.1	6.4	4.4	-.3	2.4	3.0	3.7	4.8	5.8	24	8.8
3	5.1	8.4	9.8	7.4	6.1	5.1	6.7	4.4	7.4	8.0	9.1	8.1	9.7	7.1	6.9	5.2	4.1	4.0	2.2	4.5	4.6	3.1	5.5	10.3	24	10.3
4	10.1	5.6	6.7	5.2	8.4	7.2	8.7	8.4	13.2	13.9	14.8	12.4	11.1	6.6	6.8	5.2	7.5	7.6	.1	4.1	3.2	5.5	7.7	4.5	24	14.8
5	5.7	4.2	4.0	3.1	6.4	6.1	2.5	1.1	6.1	13.8	11.5	10.1	10.8	10.1	6.5	4.2	4.0	6.5	.9	1.7	3.7	4.8	7.5	6.2	24	13.8
6	5.1	7.5	7.1	7.8	7.1	6.1	6.8	4.4	10.0	13.5	14.8	12.5	12.0	8.5	7.1	4.4	7.4	6.2	.8	2.5	5.5	6.8	9.5	8.2	24	14.8
7	8.0	8.0	9.7	5.7	6.7	8.7	4.7	6.5	3.5	7.3	7.1	5.2	8.4	3.8	3.0	1.2	10.4	2.5	1.0	6.1	3.5	4.7	3.2	4.7	24	10.4
8	5.0	5.0	2.4	1.1	1.8	2.8	3.0	2.1	3.7	5.7	3.4	3.0	2.1	5.4	5.1	2.4	4.5	5.0	-.2	-2.7	2.1	1.2	2.7	2.1	24	5.7
9	-.5	3.2	1.4	.9	-1.5	.5	-.7	.7	16.2	4.3	1.1	4.5	.7	4.2	5.8	.8	3.4	2.2	.2	1.7	4.5	6.5	6.7	9.5	24	16.2
10	4.8	4.8	6.7	1.8	1.0	6.1	6.1	4.2	4.8	4.1	7.4	7.1	10.1	7.5	5.2	4.1	6.5	7.0	8.7	8.1	9.7	8.2	8.8	9.0	24	10.1
11	7.2	8.7	5.5	6.7	8.7	9.0	4.7	4.8	7.5	8.8	14.1	13.2	10.8	9.8	8.2	6.2	7.7	8.0	8.8	9.0	9.0	9.8	11.7	12.8	24	14.1
12	10.5	11.7	8.5	5.4	5.8	5.1	5.8	4.2	4.8	10.1	AX	1.2	11.1	10.4	15.1	10.0	8.1	8.8	7.4	7.0	8.7	11.5	9.9	9.8	23	15.1
13	7.3	2.6	2.7	2.8	2.9	1.1	-.8	-1.9	-.3	3.2	5.5	3.3	2.9	5.4	5.2	5.8	6.7	3.5	1.1	2.6	2.9	3.7	4.7	4.8	24	7.3
14	4.0	5.6	5.0	4.0	3.9	5.5	5.9	10.2	10.9	10.9	7.5	9.5	12.5	11.2	8.4	6.2	9.4	10.8	6.7	7.7	8.8	10.7	10.1	8.2	24	12.5
15	9.7	13.8	-2.1	12.9	13.9	13.0	12.1	12.0	11.1	9.2	12.3	17.2	13.7	9.5	6.4	3.4	2.1	5.4	.0	1.5	3.7	3.1	4.7	7.5	24	17.2
16	2.8	.2	-.8	-.1	-.8	-1.8	-.2	-2.5	-3.8	2.8	-1.9	-1.2	4.9	2.5	.2	.0	.8	1.8	1.1	-1.5	-2.0	2.2	2.1	.2	24	4.9
17	1.7	1.1	4.4	4.1	3.1	3.8	.5	2.5	2.0	3.5	10.7	10.2	7.4	5.2	3.2	5.5	1.7	1.6	-.6	.7	3.5	4.8	6.7	6.1	24	10.7
18	6.8	6.1	5.1	6.7	6.1	9.4	4.0	3.0	7.2	8.8	12.4	13.0	7.7	6.9	4.4	.8	3.4	3.1	1.2	3.5	4.0	4.0	4.8	7.5	24	13.0
19	6.2	10.2	9.2	6.4	7.7	7.1	5.3	4.1	3.1	2.1	11.3	7.9	9.5	5.7	2.4	2.8	2.1	1.1	1.8	-1.3	1.3	6.2	4.4	6.5	24	11.3
20	7.8	7.1	7.8	8.0	7.1	4.4	4.0	1.4	4.3	5.0	7.5	8.8	7.3	7.8	2.9	2.0	.3	.8	-1.5	2.2	1.3	6.0	8.6	7.3	24	8.8
21	8.6	9.8	8.3	8.0	7.1	6.1	9.3	8.3	8.8	9.0	9.8	12.5	11.3	8.4	5.4	7.5	4.6	4.8	6.1	6.8	10.3	10.1	10.0	10.8	24	12.5
22	15.2	13.4	13.8	13.1	14.6	14.1	11.4	11.8	9.4	12.3	13.8	10.6	7.4	5.3	4.1	4.0	6.5	1.9	1.0	2.6	4.6	3.3	4.6	.7	24	15.2
23	2.5	2.1	1.9	-.5	1.5	.3	.0	.0	2.5	2.1	4.5	7.5	9.6	2.3	1.0	5.2	-.7	-.7	-.9	.6	.1	1.6	.3	.0	24	9.6
24	2.5	1.3	.1	.0	-.8	.6	1.8	-.5	3.2	4.0	5.6	AX	BA	BA	2.5	-.3	2.3	1.3	.1	.8	2.6	3.8	4.8	5.0	21	5.6
25	3.3	5.3	4.2	4.8	4.1	3.1	5.5	5.1	8.3	4.8	5.7	3.4	4.6	-.9	3.9	2.4	-.5	-.1	1.6	5.3	5.1	5.0	4.1	6.5	24	8.3
26	2.7	2.0	5.3	6.0	5.1	4.1	3.1	5.4	5.0	6.6	6.9	6.0	4.2	6.4	4.3	6.2	4.3	-.2	-.8	3.2	7.3	10.4	10.9	13.5	24	13.5
27	9.7	12.3	10.4	11.6	8.6	8.8	9.0	9.8	10.8	15.2	10.0	12.3	11.3	11.0	5.9	4.1	6.4	3.5	4.6	6.6	7.0	7.0	6.1	10.2	24	15.2
28	13.5	12.3	8.6	6.3	7.6	6.3	6.0	5.1	5.8	7.6	5.4	5.0	3.3	3.8	2.3	4.5	3.3	2.1	1.1	5.2	2.6	-3.0	-3.1	-1.3	24	13.5
29	-2.6	-.4	.0	.0	-1.6	1.3	.3	-.8	-.8	-1.7	3.0	-1.0	1.3	1.3	2.8	3.0	.4	.8	1.8	2.8	2.1	2.0	.3	.8	24	3.0
30	-.6	1.5	4.5	5.0	3.3	4.6	6.6	8.6	4.7	6.5	6.1	5.1	4.1	4.0	5.6	2.6	3.6	5.6	2.6	2.0	5.3	6.8	5.3	8.3	24	8.6
31	8.1	6.3	7.6	8.0	7.1	8.6	6.4	6.0	6.0	8.5	11.9	8.7	12.2	9.6	9.0	8.1	7.1	5.3	3.3	3.0	4.6	9.1	9.9	14.1	24	14.1
NO.:	31	31	31	31	31	31	31	31	31	31	30	30	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	15.2	13.8	13.8	13.1	14.6	14.1	12.1	12.0	16.2	15.2	14.8	17.2	13.7	11.2	15.1	10.0	10.4	10.8	8.8	9.0	10.3	11.5	11.7	14.1		
AVG:	5.93	6.24	5.51	5.24	5.16	5.19	4.62	4.19	5.77	7.06	8.18	7.64	7.80	6.27	5.11	4.02	4.33	3.75	1.97	3.27	4.35	5.39	5.77	6.61		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 5.38 MONTHLY MAX: 17.2

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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-021-0034 POC: 3
COUNTY: (021) Buncombe
CITY: (02140) Asheville
SITE ADDRESS: 175 BINGHAM ROAD
SITE COMMENTS: Located in BOARD OF EDUCATION ADMINISTRATIVE COMPOUND
MONITOR COMMENTS:

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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

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

DAY	HOUR 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	16.6	17.8	19.6	15.8	15.8	14.3	14.0	13.2	12.1	AX	BA	BA	17.3	14.6	4.7	6.3	3.6	3.8	4.8	9.1	10.0	8.3	8.8	9.8	21	19.6
2	10.0	11.6	12.0	11.1	11.0	12.6	8.8	10.5	12.6	5.6	10.7	11.1	9.3	9.0	8.1	6.3	6.0	6.0	7.6	7.1	8.6	9.0	9.8	10.8	24	12.6
3	11.8	14.5	13.3	11.3	11.0	11.8	10.3	11.6	12.0	14.5	9.9	13.1	10.6	9.1	4.8	6.5	5.3	6.6	1.1	3.3	6.0	6.9	7.0	8.6	24	14.5
4	3.9	4.6	6.6	5.3	6.6	8.6	9.0	6.4	2.6	2.8	2.1	4.5	5.9	5.1	9.1	9.1	7.3	7.8	6.3	4.3	5.6	5.1	3.3	3.0	24	9.1
5	6.3	7.0	6.1	5.1	5.0	7.5	6.3	5.1	4.1	4.6	4.1	5.6	6.0	7.6	12.1	7.9	2.8	5.3	7.6	5.1	8.2	10.6	9.3	10.6	24	12.1
6	11.0	11.0	11.0	11.8	10.3	11.6	9.4	11.5	12.0	10.3	15.0	10.9	16.6	12.1	8.4	5.4	5.8	2.6	2.8	7.1	6.3	6.8	8.6	8.9	24	16.6
7	7.3	8.6	10.6	10.3	7.5	9.5	7.4	7.8	5.4	6.6	8.6	6.4	-3.1	4.1	6.0	1.8	2.6	.4	3.3	2.3	2.0	1.1	4.3	3.3	24	10.6
8	1.3	-.6	-.1	.8	-3.1	-1.4	-1.0	-.1	-1.6	-1.1	-1.0	.6	1.0	.1	.8	2.6	.5	-.8	-1.0	.6	2.6	2.1	-.5	-.1	24	2.6
9	1.6	3.6	2.3	.3	1.6	3.6	.6	.8	1.9	2.8	3.8	3.1	1.3	-2.3	1.1	2.0	.3	-.8	-1.8	-.6	-.9	2.3	-.3	2.3	24	3.8
10	-.3	.5	2.6	1.5	4.3	.8	4.1	5.0	2.5	7.8	7.3	7.0	5.5	5.8	7.6	6.3	2.7	3.6	5.6	8.4	11.4	11.9	16.1	24.4	24	24.4
11	22.6	21.1	13.5	10.3	4.1	3.8	8.0	7.3	3.6	5.4	6.0	9.3	7.9	8.7	9.0	5.6	6.6	4.7	4.0	5.6	6.8	7.8	8.8	10.6	24	22.6
12	10.1	8.3	9.6	7.5	8.6	9.0	9.8	6.6	9.3	10.0	8.3	12.1	13.0	8.1	10.3	9.3	9.0	10.6	10.1	10.0	13.3	14.8	11.6	15.9	24	15.9
13	17.8	17.1	15.3	11.6	8.5	7.9	6.3	6.8	6.1	5.1	5.8	3.5	5.4	7.6	4.6	3.1	.5	1.6	2.8	4.6	4.1	4.8	5.8	7.6	24	17.8
14	9.6	8.3	8.0	7.1	9.4	8.3	10.4	8.5	11.3	12.8	12.2	12.3	13.7	14.0	7.3	8.4	6.5	6.8	7.0	7.8	7.1	10.3	9.5	13.1	24	14.0
15	12.3	11.1	10.1	9.1	6.5	7.6	11.3	8.6	4.6	8.1	8.9	12.3	10.5	8.3	8.8	10.6	10.1	9.1	4.0	8.7	9.9	11.6	12.8	12.1	24	12.8
16	12.0	12.0	9.5	7.3	7.8	8.8	10.6	10.1	7.5	6.1	6.8	7.0	5.3	5.8	5.1	.8	3.3	-.9	-2.0	-1.1	1.4	1.1	5.1	5.1	24	12.0
17	4.1	4.8	4.1	5.6	7.7	8.0	4.6	8.1	6.5	12.6	15.6	14.3	10.6	5.8	3.3	3.8	3.2	3.0	2.1	2.8	5.4	5.1	5.8	6.8	24	15.6
18	4.5	6.4	7.0	7.0	9.2	8.2	7.1	9.4	5.8	15.7	18.0	11.3	11.6	11.1	8.5	11.2	8.6	9.5	11.5	11.1	12.5	10.4	11.5	10.2	24	18.0
19	2.6	-1.5	-5.4	-3.6	-2.2	.4	.1	.0	-4.9	-.2	2.6	2.1	5.2	6.8	2.8	2.0	-1.2	4.5	3.5	4.6	7.4	6.3	6.0	7.6	24	7.6
20	3.8	7.1	4.7	6.4	7.0	6.1	10.1	8.5	4.7	12.2	8.4	8.7	7.3	7.0	BA	BA	-5.3	11.9	2.0	3.9	6.1	6.0	5.0	5.0	22	12.2
21	5.9	5.0	5.9	9.9	10.9	6.0	6.0	6.9	7.2	9.9	9.0	6.0	6.9	4.8	5.9	-.9	5.9	4.0	1.0	1.9	2.9	6.9	5.0	7.9	24	10.9
22	9.9	9.5	9.0	6.0	8.9	8.0	8.0	8.9	5.0	7.9	9.9	7.0	8.9	5.0	5.9	7.9	4.0	4.9	1.0	3.9	4.0	6.9	11.9	7.0	24	11.9
23	8.9	10.9	7.0	14.9	15.9	18.9	13.0	15.9	12.0	12.9	15.9	13.9	10.0	10.0	9.0	9.0	7.0	7.9	2.0	3.9	6.9	10.9	16.8	22.9	24	22.9
24	25.9	23.0	32.9	38.9	33.0	33.0	31.0	29.0	19.0	19.0	19.9	23.9	16.0	9.0	10.9	6.5	8.3	8.9	5.0	5.9	9.7	8.0	13.7	14.3	24	38.9
25	18.9	19.0	23.9	20.0	26.9	22.7	15.0	16.9	17.9	17.0	14.0	8.0	18.9	12.3	5.0	7.2	7.0	9.9	4.0	4.9	12.9	10.0	11.9	9.0	24	26.9
26	7.8	6.0	3.0	3.0	3.0	1.0	.0	.9	-2.8	3.9	3.9	3.0	3.9	2.0	.0	.9	2.9	.0	-1.9	.9	3.9	2.0	6.9	2.0	24	7.8
27	5.9	4.0	4.9	2.0	6.5	4.0	6.9	6.0	2.0	6.9	7.0	8.9	5.0	3.0	5.9	2.0	1.0	2.9	.0	.9	6.5	10.9	11.9	12.9	24	12.9
28	12.9	10.0	10.9	8.0	9.9	13.9	18.9	16.0	7.0	18.8	12.0	9.0	12.2	7.0	3.8	4.9	5.9	7.9	2.0	2.9	4.9	4.0	9.9	10.0	24	18.9
29	13.9	17.9	16.0	16.0	18.9	19.0	18.0	16.0	11.3	14.9	13.0	13.0	16.9	12.0	9.0	11.9	6.0	9.9	8.0	8.0	13.9	18.9	25.9	24.0	24	25.9
30	23.0	23.0	25.9	22.0	19.0	20.9	20.0	20.0	19.0	19.9	23.9	23.0	18.0	18.0	15.0	12.0	6.0	5.0	9.9	7.0	8.9	11.9	16.9	14.0	24	25.9
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	29	29	29	30	30	29	29	30	30	30	30	30	30	30	30		
MAX:	25.9	23.0	32.9	38.9	33.0	33.0	31.0	29.0	19.0	19.9	23.9	23.9	18.9	18.0	15.0	12.0	10.1	11.9	11.5	11.1	13.9	18.9	25.9	24.4		
AVG:	10.06	10.05	9.99	9.41	9.65	9.81	9.47	9.41	7.19	9.41	9.71	9.34	9.25	7.72	6.65	5.88	4.41	5.22	3.74	4.83	6.94	7.76	9.30	9.99		

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 8.13 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-021-0034 POC: 3
COUNTY: (021) Buncombe
CITY: (02140) Asheville
SITE ADDRESS: 175 BINGHAM ROAD
SITE COMMENTS: Located in BOARD OF EDUCATION ADMINISTRATIVE COMPOUND
MONITOR COMMENTS:

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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	18.9	18.0	11.0	11.9	9.0	10.9	12.9	12.0	9.0	8.0	11.9	12.9	10.0	8.0	7.9	6.9	11.9	9.0	5.0	5.9	8.9	7.0	9.9	10.0	24	18.9
2	11.9	12.0	12.0	12.0	8.0	12.9	11.0	11.9	11.0	10.0	13.9	13.0	11.0	17.0	17.9	15.0	11.0	12.9	13.9	10.0	11.9	20.8	21.9	22.0	24	22.0
3	26.9	28.9	30.9	23.1	24.9	21.0	19.9	19.0	16.0	13.9	13.9	11.9	6.4	6.9	5.0	6.5	4.0	4.0	3.0	6.9	7.9	13.9	21.8	20.0	24	30.9
4	15.0	12.0	13.9	10.0	10.9	13.9	9.0	9.0	6.0	8.9	17.8	19.9	16.0	17.9	13.0	12.0	12.0	10.0	9.0	11.9	11.0	11.0	13.9	14.0	24	19.9
5	15.9	10.6	10.1	9.0	8.0	8.9	7.0	14.8	12.0	16.9	AX	AX	AX	7.0	5.0	7.9	1.1	1.0	1.9	2.9	8.9	5.0	6.9	7.0	21	16.9
6	4.0	4.9	-1.8	.0	.9	2.9	-1.9	.9	1.9	1.0	1.0	3.9	2.0	4.9	3.0	1.6	-.9	2.9	1.1	-.9	2.9	2.0	1.0	1.0	24	4.9
7	1.9	2.9	3.0	2.0	1.0	2.9	2.0	2.9	1.0	1.9	5.9	.1	7.8	5.0	2.0	6.9	3.0	-3.8	1.8	.0	1.9	2.0	3.9	4.9	24	7.8
8	7.9	6.0	5.9	4.0	4.9	5.0	9.9	8.0	8.0	8.9	8.9	8.9	4.0	5.9	6.9	7.9	10.9	9.0	3.1	AV	AV	AV	5.7	5.0	21	10.9
9	8.9	5.0	4.0	7.9	6.0	5.9	6.9	5.9	2.9	.0	5.8	4.9	5.8	1.9	5.8	3.9	2.0	.0	2.9	3.8	1.9	2.9	3.9	4.0	24	8.9
10	4.0	4.0	5.9	6.9	6.0	6.0	6.9	6.7	6.9	6.0	6.0	3.0	3.9	6.9	-2.7	5.8	5.0	5.0	3.0	13.7	14.0	19.8	15.1	12.0	24	19.8
11	8.0	5.0	6.9	3.0	2.0	4.9	5.0	6.9	7.9	9.9	14.8	15.0	19.8	8.2	7.9	6.0	6.0	6.0	4.0	3.0	4.9	7.9	8.9	13.8	24	19.8
12	17.9	17.0	20.9	19.0	16.0	15.0	12.0	8.0	5.0	6.9	7.0	5.0	5.9	6.9	2.1	2.0	2.0	4.6	3.0	3.9	4.9	6.9	2.4	-1.9	24	20.9
13	.1	-1.6	.9	1.9	3.9	.0	.0	1.9	.0	3.9	-.8	3.8	4.0	3.0	3.9	2.8	4.9	3.0	.0	.0	.9	1.0	4.9	7.9	24	7.9
14	10.9	7.0	6.0	6.0	6.0	4.0	3.0	4.9	3.8	4.9	5.9	5.8	9.8	6.0	4.0	9.8	7.0	7.9	3.1	4.9	7.9	8.0	8.9	9.0	24	10.9
15	10.9	10.0	13.9	14.9	18.9	13.1	8.1	9.9	10.9	14.8	13.0	9.1	12.8	9.1	9.2	10.9	10.0	10.0	10.9	10.0	11.9	12.9	13.0	11.0	24	18.9
16	10.0	10.0	10.0	6.1	6.9	9.9	9.0	8.0	9.9	AV	AV	AV	AV	AV	AV	21.1	4.7	7.9	8.0	9.9	11.9	14.9	17.9	16.0	18	21.1
17	17.9	22.8	22.0	19.0	19.9	23.6	20.0	19.8	25.8	29.8	24.1	22.0	22.0	23.9	24.9	13.3	16.9	10.1	11.9	20.7	22.9	17.1	18.9	18.0	24	29.8
18	15.0	13.0	15.9	15.0	17.9	18.0	14.1	19.8	20.9	17.1	21.8	18.1	13.1	12.0	6.9	2.1	1.0	3.9	1.0	1.0	1.0	6.8	3.1	4.1	24	21.8
19	5.9	6.0	6.9	7.0	7.9	3.1	9.7	10.9	12.9	14.9	17.9	16.0	19.8	14.1	7.2	6.0	6.0	6.9	3.1	2.9	4.9	7.9	7.0	4.0	24	19.8
20	6.9	6.0	3.0	5.9	7.9	1.8	1.9	2.0	1.0	1.6	1.0	3.1	-.8	4.8	4.0	-.8	-1.0	1.9	3.9	-1.8	1.8	.0	.0	.9	24	7.9
21	-1.9	.0	.9	1.9	4.9	3.0	1.0	.0	5.8	3.0	-1.8	5.7	6.0	6.0	8.9	3.1	8.8	6.0	6.9	6.0	8.9	6.0	6.9	9.9	24	9.9
22	10.9	10.0	11.9	13.9	11.0	11.0	7.1	7.9	9.9	AX	BA	BA	14.8	15.9	11.1	6.1	6.0	6.9	8.9	8.0	7.2	8.9	8.0	5.0	21	15.9
23	4.0	2.0	-1.8	1.8	2.9	4.9	5.0	2.0	3.0	3.0	2.0	7.8	5.3	2.1	2.0	1.0	1.9	1.0	-3.8	-2.0	-1.0	2.8	-.8	-.9	24	7.8
24	-.9	2.8	-.7	1.9	-.9	.0	-.9	.9	-1.9	2.8	3.9	3.1	2.0	1.0	7.7	.2	.9	.0	.0	.9	1.9	-.9	1.9	2.0	24	7.7
25	-.8	-1.9	.9	-.9	.9	.0	3.8	4.0	3.0	3.9	1.1	1.0	1.9	.0	2.8	3.0	.1	.0	3.8	3.0	2.0	1.0	1.9	2.9	24	4.0
26	3.0	5.8	1.1	5.8	1.1	2.9	1.0	4.0	3.0	4.9	5.0	5.0	8.0	6.0	5.0	5.0	3.0	3.0	3.9	5.9	6.0	7.9	6.0	12.7	24	12.7
27	15.8	9.2	11.8	10.0	9.0	12.8	13.9	11.0	8.1	8.9	7.0	7.0	7.0	1.1	5.7	5.8	5.8	.1	1.8	2.8	5.7	3.9	5.8	6.0	24	15.8
28	6.9	7.9	7.4	6.0	8.8	10.9	11.9	11.0	13.8	13.0	12.9	15.8	12.1	11.0	9.0	7.9	9.8	11.8	9.0	8.0	8.8	9.9	8.0	7.9	24	15.8
29	4.9	10.6	12.8	10.1	12.7	11.9	14.8	12.9	14.8	12.0	9.9	7.9	9.8	7.0	4.9	3.9	3.9	3.9	2.9	2.9	5.7	16.5	11.2	9.9	24	16.5
30	11.8	18.6	19.0	14.1	12.0	9.1	10.8	14.8	9.2	8.0	8.9	9.0	8.0	6.0	6.9	6.2	8.8	9.9	7.1	5.0	8.8	9.0	10.9	11.9	24	19.0
31	9.1	10.9	9.0	9.0	9.6	8.0	8.0	11.8	11.0	10.0	10.9	15.8	11.1	13.8	12.0	14.8	10.1	10.9	7.1	8.9	8.0	8.0	6.0	8.7	24	15.8
NO.:	31	31	31	31	31	31	31	31	31	29	28	28	29	30	30	31	31	31	31	30	30	30	31	31		
MAX:	26.9	28.9	30.9	23.1	24.9	23.6	20.0	19.8	25.8	29.8	24.1	22.0	22.0	23.9	24.9	21.1	16.9	12.9	13.9	20.7	22.9	20.8	21.9	22.0		
AVG:	9.08	8.88	8.83	8.33	8.35	8.33	7.83	8.50	8.15	8.58	8.91	9.09	8.94	7.98	7.00	6.60	5.70	5.35	4.55	5.27	6.81	8.03	8.22	8.35		

MONTHLY OBSERVATIONS: 729 MONTHLY MEAN: 7.72 MONTHLY MAX: 30.9

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: 37-035-0004 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: (145) R & P Model 2025 PM-2.5 Sequential
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2017

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	5.8			2.3	5.8							
2			2.9									
3											9.9	17.7
4									9.6	7.7		
5								5.7				
6		8.8				7.3	6.4					
7	6.3 V			2.9	3.3							
8			3.5									
9											3.0	7.7
10									SA	6.2		
11								10.7				
12		9.2				9.2	12.3					
13	9.9			.3 V	4.3							
14			5.5									
15											9.7	10.8
16									SA	3.2		
17								6.8				
18		7.7				6.8	7.6					
19	8.1			8.5	10.4							
20			7.5									
21											AJ	12.8
22									11.4	8.7		
23								11.1				
24		14.4				4.6	8.5					
25	4.3			1.8 V	4.6							
26			6.6									
27											9.5	16.9
28									11.9	8.6		
29								3.7				
30						5.2	4.5					
31	5.7				7.8							
NO.:	6	4	5	5	6	5	5	5	3	5	4	5
MAX:	9.9	14.4	7.5	8.5	10.4	9.2	12.3	11.1	11.9	8.7	9.9	17.7
MEAN:	6.68	10.03	5.20	3.16	6.03	6.62	7.86	7.60	10.97	6.88	8.03	13.18

ANNUAL OBSERVATIONS: 58 ANNUAL MEAN: 7.48 ANNUAL MAX: 17.7

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-035-0004 POC: 4
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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2017

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

DAY	HOUR 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	8.0	9.0	7.0	7.0	8.0	14.0	8.0	5.0	7.0	4.0	7.0	9.0	3.0	-2.0	10.0	10.0	10.0	6.0	2.0	6.0	6.0	9.0	5.0	7.0	24	14.0
2	2.0	5.0	6.0	7.0	8.0	5.0	3.0	5.0	3.0	7.0	6.0	1.0	1.0	.0	1.0	.0	3.0	3.0	5.0	7.0	5.0	4.0	.0	6.0	24	8.0
3	6.0	6.0	.0	-1.0	1.0	3.0	3.0	2.0	3.0	1.0	6.0	AX	BA	BA	2.0	3.0	7.0	9.0	1.0	4.0	6.0	6.0	2.0	5.0	21	9.0
4	6.0	4.0	4.0	3.0	11.0	2.0	2.0	-2.0	4.0	1.0	5.0	1.0	-4.0	6.0	4.0	4.0	2.0	3.0	1.0	2.0	4.0	6.0	4.0	6.0	24	11.0
5	6.0	6.0	8.0	4.0	5.0	8.0	7.0	12.0	7.0	22.0	7.0	11.0	10.0	6.0	8.0	11.0	7.0	7.0	6.0	5.0	13.0	13.0	7.0	14.0	24	22.0
6	18.0	9.0	16.0	10.0	20.0	16.0	15.0	21.0	21.0	22.0	17.0	5.0	7.0	10.0	11.0	3.0	12.0	8.0	10.0	3.0	6.0	14.0	6.0	3.0	24	22.0
7	5.0	3.0	5.0	6.0	4.0	4.0	6.0	8.0	1.0	4.0	4.0	-1.0	5.0	2.0	5.0	4.0	3.0	13.0	3.0	7.0	11.0	13.0	12.0	5.0	24	13.0
8	6.0	10.0	4.0	8.0	8.0	-1.0	2.0	1.0	3.0	1.0	4.0	.0	8.0	1.0	5.0	1.0	9.0	9.0	2.0	3.0	8.0	12.0	12.0	12.0	24	12.0
9	16.0	16.0	19.0	22.0	23.0	23.0	20.0	23.0	19.0	21.0	14.0	8.0	16.0	14.0	11.0	21.0	20.0	13.0	12.0	15.0	11.0	15.0	13.0	27.0	24	27.0
10	27.0	22.0	26.0	26.0	23.0	24.0	19.0	21.0	25.0	20.0	25.0	16.0	9.0	10.0	13.0	11.0	9.0	12.0	8.0	13.0	10.0	17.0	20.0	14.0	24	27.0
11	14.0	12.0	16.0	15.0	13.0	15.0	15.0	15.0	20.0	20.0	23.0	23.0	15.0	16.0	18.0	13.0	10.0	12.0	14.0	14.0	17.0	29.0	21.0	23.0	24	29.0
12	23.0	24.0	22.0	24.0	20.0	18.0	16.0	16.0	17.0	17.0	12.0	11.0	13.0	7.0	4.0	5.0	8.0	8.0	3.0	6.0	6.0	6.0	11.0	5.0	24	24.0
13	5.0	15.0	6.0	12.0	7.0	15.0	8.0	6.0	13.0	13.0	22.0	3.0	13.0	13.0	3.0	15.0	14.0	6.0	11.0	14.0	16.0	17.0	18.0	14.0	24	22.0
14	7.0	7.0	5.0	7.0	6.0	9.0	8.0	12.0	1.0	5.0	6.0	5.0	6.0	8.0	9.0	13.0	8.0	10.0	9.0	12.0	20.0	18.0	21.0	22.0	24	22.0
15	23.0	13.0	20.0	18.0	20.0	15.0	20.0	17.0	17.0	15.0	11.0	19.0	9.0	6.0	17.0	13.0	8.0	11.0	12.0	18.0	13.0	9.0	9.0	13.0	24	23.0
16	11.0	12.0	13.0	13.0	13.0	6.0	15.0	13.0	13.0	13.0	7.0	7.0	14.0	12.0	10.0	11.0	13.0	12.0	16.0	19.0	19.0	20.0	26.0	26.0	24	26.0
17	31.0	36.0	35.0	30.0	31.0	43.0	26.0	29.0	24.0	22.0	19.0	AX	BA	BA	11.0	11.0	12.0	12.0	11.0	10.0	9.0	12.0	8.0	15.0	21	43.0
18	13.0	11.0	14.0	17.0	12.0	12.0	12.0	12.0	2.0	1.0	3.0	5.0	3.0	2.0	6.0	4.0	1.0	4.0	4.0	2.0	8.0	3.0	4.0	6.0	24	17.0
19	7.0	6.0	10.0	5.0	10.0	14.0	11.0	12.0	10.0	7.0	9.0	10.0	7.0	10.0	3.0	11.0	2.0	6.0	4.0	3.0	6.0	11.0	12.0	6.0	24	14.0
20	15.0	11.0	13.0	10.0	14.0	15.0	14.0	9.0	14.0	14.0	16.0	15.0	14.0	13.0	16.0	14.0	9.0	17.0	15.0	15.0	15.0	14.0	20.0	20.0	24	20.0
21	20.0	21.0	14.0	17.0	20.0	15.0	12.0	15.0	10.0	11.0	14.0	10.0	17.0	13.0	13.0	16.0	12.0	8.0	7.0	6.0	4.0	4.0	5.0	10.0	24	21.0
22	5.0	9.0	3.0	8.0	6.0	3.0	1.0	6.0	.0	1.0	-1.0	-1.0	2.0	2.0	3.0	3.0	6.0	6.0	2.0	8.0	2.0	1.0	1.0	.0	24	9.0
23	.0	-2.0	.0	1.0	1.0	-1.0	.0	.0	4.0	3.0	3.0	4.0	3.0	3.0	5.0	1.0	2.0	2.0	2.0	1.0	3.0	2.0	8.0	1.0	24	8.0
24	-1.0	3.0	.0	-2.0	-1.0	1.0	-1.0	3.0	1.0	1.0	3.0	3.0	2.0	-1.0	1.0	2.0	-2.0	6.0	3.0	-3.0	2.0	-2.0	4.0	6.0	24	6.0
25	14.0	11.0	5.0	6.0	10.0	5.0	2.0	4.0	9.0	4.0	6.0	7.0	8.0	5.0	4.0	6.0	-1.0	2.0	2.0	3.0	5.0	2.0	2.0	3.0	24	14.0
26	6.0	6.0	4.0	5.0	10.0	8.0	8.0	9.0	6.0	12.0	2.0	-2.0	3.0	-1.0	6.0	3.0	4.0	7.0	-3.0	3.0	8.0	4.0	4.0	4.0	24	12.0
27	4.0	.0	1.0	4.0	5.0	3.0	2.0	3.0	5.0	6.0	7.0	2.0	6.0	1.0	6.0	.0	7.0	4.0	2.0	-1.0	.0	3.0	12.0	7.0	24	12.0
28	2.0	5.0	3.0	3.0	2.0	6.0	7.0	3.0	3.0	.0	6.0	3.0	4.0	1.0	-2.0	3.0	.0	7.0	6.0	2.0	4.0	9.0	14.0	12.0	24	14.0
29	12.0	7.0	11.0	7.0	5.0	9.0	5.0	7.0	9.0	7.0	.0	8.0	7.0	6.0	5.0	2.0	5.0	6.0	5.0	.0	-1.0	3.0	.0	2.0	24	12.0
30	3.0	2.0	.0	5.0	1.0	1.0	5.0	.0	-3.0	4.0	5.0	6.0	6.0	-1.0	4.0	3.0	3.0	7.0	4.0	4.0	4.0	6.0	7.0	12.0	24	12.0
31	5.0	5.0	4.0	5.0	10.0	11.0	7.0	8.0	13.0	9.0	14.0	7.0	10.0	3.0	6.0	7.0	6.0	1.0	4.0	1.0	1.0	8.0	1.0	4.0	24	14.0
NO.:	31	31	31	31	31	31	31	31	31	31	31	29	29	29	31	31	31	31	31	31	31	31	31	31		
MAX:	31.0	36.0	35.0	30.0	31.0	43.0	26.0	29.0	25.0	22.0	25.0	23.0	17.0	16.0	18.0	21.0	20.0	17.0	16.0	19.0	20.0	29.0	26.0	27.0		
AVG:	10.29	9.81	9.48	9.74	10.52	10.35	8.97	9.52	9.06	9.29	9.10	6.72	7.48	5.69	7.03	7.23	6.74	7.65	5.90	6.52	7.77	9.29	9.32	10.00		

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 8.49 MONTHLY MAX: 43.0

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: 37-035-0004 POC: 4
COUNTY: (035) Catawba
CITY: (31060) Hickory
SITE ADDRESS: 1650 1ST STREET
SITE COMMENTS: DUKE POWER ELECTRIC METER NO 72856943
MONITOR COMMENTS: ID2=307

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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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	7.0	4.0	1.0	-4.0	7.0	10.0	4.0	11.0	11.0	4.0	23.0	14.0	6.0	12.0	13.0	9.0	12.0	12.0	9.0	10.0	13.0	15.0	12.0	12.0	24	23.0
2	19.0	17.0	10.0	13.0	10.0	11.0	12.0	10.0	16.0	12.0	14.0	12.0	AX	BA	11.0	23.0	4.0	12.0	6.0	5.0	6.0	8.0	.0	5.0	22	23.0
3	5.0	5.0	6.0	3.0	4.0	3.0	5.0	5.0	6.0	11.0	6.0	8.0	5.0	14.0	7.0	4.0	10.0	17.0	13.0	2.0	-1.0	3.0	1.0	4.0	24	17.0
4	4.0	2.0	2.0	4.0	7.0	7.0	4.0	8.0	3.0	2.0	7.0	3.0	9.0	5.0	6.0	7.0	7.0	13.0	6.0	5.0	10.0	13.0	12.0	14.0	24	14.0
5	14.0	12.0	10.0	8.0	10.0	7.0	12.0	11.0	9.0	12.0	13.0	11.0	11.0	7.0	8.0	6.0	11.0	6.0	3.0	3.0	7.0	13.0	7.0	8.0	24	14.0
6	9.0	12.0	11.0	11.0	7.0	7.0	18.0	21.0	18.0	17.0	16.0	9.0	10.0	8.0	7.0	4.0	5.0	1.0	3.0	4.0	6.0	8.0	8.0	12.0	24	21.0
7	11.0	11.0	8.0	9.0	6.0	10.0	10.0	14.0	8.0	13.0	16.0	12.0	18.0	7.0	6.0	10.0	6.0	16.0	11.0	10.0	15.0	13.0	6.0	6.0	24	18.0
8	9.0	7.0	9.0	9.0	10.0	10.0	2.0	4.0	5.0	AV	8.0	6.0	3.0	7.0	4.0	10.0	8.0	11.0	4.0	11.0	12.0	2.0	5.0	4.0	23	12.0
9	11.0	9.0	4.0	-1.0	-1.0	1.0	3.0	1.0	-3.0	.0	1.0	6.0	.0	3.0	-1.0	4.0	3.0	7.0	4.0	.0	2.0	.0	4.0	1.0	24	11.0
10	7.0	1.0	7.0	6.0	6.0	8.0	5.0	6.0	8.0	13.0	11.0	3.0	14.0	3.0	5.0	12.0	2.0	10.0	5.0	6.0	6.0	7.0	6.0	11.0	24	14.0
11	12.0	7.0	5.0	10.0	9.0	9.0	11.0	9.0	12.0	8.0	8.0	12.0	9.0	13.0	12.0	16.0	6.0	8.0	11.0	11.0	12.0	8.0	8.0	8.0	24	16.0
12	11.0	12.0	12.0	8.0	8.0	10.0	11.0	10.0	7.0	10.0	15.0	12.0	14.0	14.0	13.0	16.0	15.0	11.0	6.0	10.0	8.0	11.0	5.0	4.0	24	16.0
13	4.0	3.0	2.0	3.0	3.0	-1.0	-3.0	2.0	-5.0	2.0	-2.0	6.0	.0	2.0	1.0	1.0	2.0	6.0	.0	-2.0	1.0	4.0	3.0	4.0	24	6.0
14	7.0	10.0	8.0	11.0	12.0	19.0	13.0	14.0	8.0	15.0	.0	11.0	8.0	7.0	9.0	8.0	6.0	9.0	5.0	11.0	8.0	10.0	3.0	10.0	24	19.0
15	9.0	15.0	11.0	18.0	8.0	16.0	11.0	17.0	14.0	10.0	5.0	11.0	6.0	4.0	2.0	4.0	5.0	5.0	3.0	2.0	6.0	2.0	3.0	2.0	24	18.0
16	4.0	7.0	1.0	1.0	2.0	15.0	1.0	5.0	.0	3.0	6.0	4.0	.0	4.0	7.0	10.0	-3.0	7.0	-5.0	2.0	6.0	5.0	-1.0	4.0	24	15.0
17	5.0	2.0	6.0	7.0	3.0	11.0	4.0	10.0	12.0	2.0	-1.0	6.0	5.0	4.0	2.0	6.0	8.0	5.0	2.0	-1.0	1.0	6.0	8.0	11.0	24	12.0
18	17.0	13.0	9.0	15.0	9.0	10.0	9.0	11.0	4.0	1.0	15.0	2.0	11.0	8.0	6.0	10.0	7.0	9.0	5.0	5.0	5.0	9.0	6.0	12.0	24	17.0
19	8.0	12.0	7.0	14.0	12.0	11.0	12.0	10.0	6.0	12.0	6.0	11.0	3.0	3.0	5.0	3.0	7.0	11.0	9.0	12.0	9.0	9.0	17.0	11.0	24	17.0
20	15.0	10.0	14.0	12.0	10.0	12.0	15.0	13.0	3.0	10.0	14.0	11.0	9.0	4.0	3.0	9.0	6.0	6.0	6.0	10.0	10.0	13.0	11.0	26.0	24	26.0
21	33.0	19.0	17.0	23.0	19.0	15.0	21.0	21.0	16.0	22.0	21.0	AX	BA	16.0	11.0	10.0	14.0	11.0	13.0	17.0	13.0	16.0	15.0	19.0	22	33.0
22	19.0	17.0	22.0	21.0	15.0	19.0	21.0	17.0	17.0	20.0	22.0	19.0	13.0	14.0	20.0	19.0	22.0	20.0	15.0	16.0	16.0	12.0	17.0	18.0	24	22.0
23	16.0	18.0	20.0	15.0	19.0	12.0	13.0	9.0	11.0	5.0	8.0	20.0	18.0	11.0	8.0	13.0	4.0	8.0	8.0	9.0	5.0	9.0	10.0	8.0	24	20.0
24	17.0	12.0	14.0	9.0	17.0	10.0	14.0	12.0	16.0	14.0	20.0	15.0	13.0	.0	10.0	7.0	8.0	4.0	5.0	6.0	8.0	34.0	49.0	39.0	24	49.0
25	32.0	32.0	31.0	14.0	14.0	13.0	13.0	9.0	9.0	11.0	11.0	9.0	9.0	5.0	6.0	1.0	3.0	3.0	2.0	-3.0	1.0	1.0	.0	2.0	24	32.0
26	3.0	3.0	3.0	4.0	4.0	4.0	4.0	2.0	-5.0	6.0	8.0	6.0	5.0	1.0	2.0	-3.0	6.0	.0	6.0	3.0	-1.0	4.0	2.0	18.0	24	18.0
27	5.0	8.0	7.0	8.0	13.0	10.0	11.0	9.0	14.0	11.0	11.0	12.0	17.0	7.0	9.0	12.0	10.0	10.0	11.0	12.0	17.0	14.0	13.0	9.0	24	17.0
28	14.0	13.0	10.0	16.0	20.0	12.0	21.0	8.0	6.0	10.0	7.0	27.0	16.0	13.0	13.0	14.0	10.0	11.0	9.0	15.0	7.0	8.0	13.0	14.0	24	27.0
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	27	28	27	26	27	28	28	28	28	28	28	28	28	28	28		
MAX:	33.0	32.0	31.0	23.0	20.0	19.0	21.0	21.0	18.0	22.0	23.0	27.0	18.0	16.0	20.0	23.0	22.0	20.0	15.0	17.0	17.0	34.0	49.0	39.0		
AVG:	11.68	10.46	9.54	9.54	9.39	10.04	9.89	9.96	8.07	9.48	10.32	10.30	8.92	7.26	7.32	8.75	7.29	8.89	6.25	6.82	7.43	9.18	8.68	10.57		

MONTHLY OBSERVATIONS: 667 MONTHLY MEAN: 9.00 MONTHLY MAX: 49.0

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-035-0004 POC: 4
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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

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

DAY	HOUR 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	11.0	9.0	9.0	10.0	17.0	13.0	12.0	11.0	10.0	9.0	12.0	12.0	8.0	6.0	11.0	12.0	12.0	-4.0	2.0	-3.0	3.0	8.0	5.0	24	17.0
2	5.0	6.0	-1.0	5.0	4.0	4.0	1.0	5.0	4.0	4.0	4.0	5.0	2.0	4.0	-1.0	5.0	2.0	3.0	5.0	.0	3.0	6.0	.0	3.0	24	6.0
3	9.0	1.0	3.0	1.0	6.0	4.0	4.0	7.0	-2.0	7.0	8.0	2.0	4.0	1.0	2.0	4.0	3.0	.0	4.0	4.0	3.0	1.0	6.0	3.0	24	9.0
4	6.0	9.0	7.0	9.0	8.0	12.0	10.0	8.0	-1.0	8.0	8.0	7.0	5.0	5.0	4.0	10.0	7.0	6.0	12.0	8.0	11.0	9.0	13.0	19.0	24	19.0
5	25.0	20.0	17.0	19.0	21.0	17.0	16.0	7.0	2.0	7.0	8.0	17.0	14.0	8.0	15.0	16.0	7.0	7.0	10.0	7.0	11.0	17.0	26.0	27.0	24	27.0
6	19.0	21.0	21.0	18.0	17.0	24.0	19.0	24.0	19.0	20.0	20.0	27.0	27.0	AX	BA	11.0	15.0	13.0	8.0	10.0	5.0	10.0	15.0	15.0	22	27.0
7	17.0	23.0	19.0	16.0	17.0	15.0	13.0	11.0	11.0	10.0	13.0	10.0	12.0	6.0	10.0	6.0	5.0	11.0	13.0	5.0	14.0	5.0	11.0	8.0	24	23.0
8	6.0	6.0	7.0	10.0	1.0	-2.0	-1.0	5.0	-5.0	2.0	4.0	.0	7.0	4.0	4.0	5.0	6.0	.0	.0	1.0	3.0	.0	.0	2.0	24	10.0
9	3.0	4.0	.0	3.0	6.0	2.0	7.0	7.0	-3.0	5.0	1.0	8.0	3.0	2.0	5.0	2.0	3.0	.0	8.0	3.0	6.0	4.0	2.0	5.0	24	8.0
10	5.0	13.0	11.0	12.0	10.0	16.0	4.0	4.0	5.0	AZ	AZ	AZ	12.0	8.0	-4.0	2.0	2.0	4.0	6.0	-4.0	1.0	2.0	3.0	5.0	21	16.0
11	2.0	4.0	-1.0	6.0	4.0	2.0	5.0	2.0	2.0	4.0	5.0	.0	3.0	5.0	2.0	4.0	3.0	3.0	4.0	6.0	3.0	2.0	.0	2.0	24	6.0
12	5.0	5.0	5.0	-1.0	7.0	8.0	3.0	1.0	1.0	2.0	10.0	2.0	1.0	11.0	7.0	6.0	8.0	13.0	11.0	12.0	8.0	10.0	13.0	11.0	24	13.0
13	15.0	16.0	18.0	14.0	13.0	22.0	21.0	20.0	19.0	15.0	10.0	10.0	10.0	17.0	9.0	9.0	9.0	11.0	10.0	15.0	9.0	17.0	14.0	16.0	24	22.0
14	12.0	3.0	3.0	4.0	8.0	9.0	8.0	6.0	7.0	10.0	5.0	2.0	8.0	9.0	-1.0	2.0	5.0	5.0	5.0	9.0	2.0	7.0	4.0	6.0	24	12.0
15	7.0	5.0	3.0	5.0	3.0	1.0	4.0	5.0	4.0	6.0	9.0	7.0	5.0	7.0	1.0	4.0	5.0	1.0	6.0	.0	4.0	3.0	.0	4.0	24	9.0
16	4.0	3.0	4.0	6.0	9.0	9.0	9.0	13.0	6.0	16.0	5.0	11.0	9.0	8.0	6.0	10.0	2.0	6.0	7.0	6.0	4.0	11.0	11.0	9.0	24	16.0
17	8.0	17.0	21.0	23.0	17.0	24.0	26.0	28.0	29.0	32.0	21.0	21.0	16.0	8.0	15.0	15.0	14.0	15.0	21.0	6.0	20.0	18.0	21.0	26.0	24	32.0
18	21.0	16.0	23.0	21.0	18.0	19.0	21.0	24.0	22.0	24.0	18.0	21.0	19.0	13.0	7.0	-1.0	6.0	7.0	6.0	1.0	1.0	1.0	4.0	2.0	24	24.0
19	2.0	3.0	.0	-2.0	4.0	1.0	.0	2.0	-2.0	5.0	5.0	3.0	-2.0	.0	2.0	3.0	.0	7.0	1.0	1.0	4.0	7.0	9.0	8.0	24	9.0
20	5.0	10.0	4.0	5.0	13.0	9.0	12.0	11.0	.0	12.0	10.0	11.0	6.0	9.0	5.0	10.0	11.0	10.0	8.0	8.0	5.0	7.0	7.0	6.0	24	13.0
21	9.0	9.0	5.0	10.0	12.0	9.0	17.0	24.0	15.0	24.0	AX	BA	22.0	18.0	18.0	21.0	40.0	43.0	19.0	13.0	13.0	14.0	14.0	20.0	22	43.0
22	7.0	14.0	14.0	14.0	8.0	9.0	5.0	2.0	5.0	5.0	6.0	.0	.0	3.0	4.0	2.0	3.0	7.0	4.0	4.0	5.0	3.0	4.0	6.0	24	14.0
23	4.0	4.0	4.0	6.0	7.0	15.0	10.0	11.0	-4.0	9.0	7.0	9.0	6.0	6.0	5.0	8.0	10.0	11.0	12.0	5.0	4.0	6.0	9.0	13.0	24	15.0
24	9.0	8.0	7.0	9.0	17.0	11.0	12.0	10.0	9.0	10.0	5.0	16.0	7.0	10.0	9.0	5.0	7.0	6.0	8.0	8.0	7.0	9.0	13.0	18.0	24	18.0
25	18.0	23.0	15.0	14.0	12.0	11.0	13.0	12.0	7.0	12.0	9.0	6.0	10.0	10.0	3.0	8.0	9.0	11.0	47.0	41.0	32.0	28.0	20.0	31.0	24	47.0
26	28.0	15.0	10.0	4.0	7.0	4.0	7.0	8.0	6.0	9.0	13.0	1.0	4.0	3.0	5.0	5.0	12.0	14.0	6.0	1.0	5.0	5.0	11.0	5.0	24	28.0
27	10.0	4.0	5.0	4.0	3.0	2.0	7.0	2.0	5.0	4.0	8.0	6.0	10.0	10.0	11.0	12.0	7.0	10.0	10.0	6.0	4.0	6.0	6.0	15.0	24	15.0
28	12.0	11.0	3.0	5.0	6.0	2.0	6.0	1.0	1.0	2.0	2.0	9.0	13.0	3.0	2.0	4.0	1.0	7.0	7.0	5.0	1.0	1.0	3.0	2.0	24	13.0
29	.0	1.0	4.0	7.0	7.0	5.0	10.0	10.0	BA	BA	BA	4.0	2.0	6.0	7.0	5.0	6.0	9.0	5.0	6.0	3.0	5.0	8.0	12.0	21	12.0
30	8.0	16.0	22.0	15.0	10.0	13.0	6.0	11.0	12.0	7.0	7.0	6.0	9.0	3.0	6.0	10.0	11.0	12.0	11.0	7.0	12.0	9.0	11.0	15.0	24	22.0
31	11.0	10.0	5.0	8.0	8.0	5.0	10.0	.0	4.0	.0	5.0	8.0	7.0	7.0	9.0	5.0	4.0	.0	1.0	-1.0	1.0	-1.0	6.0	1.0	24	11.0
NO.:	31	31	31	31	31	31	31	31	30	29	28	29	31	30	30	31	31	31	31	31	31	31	31	31		
MAX:	28.0	23.0	23.0	23.0	21.0	24.0	26.0	28.0	29.0	32.0	21.0	27.0	27.0	18.0	18.0	21.0	40.0	43.0	47.0	41.0	32.0	28.0	26.0	31.0		
AVG:	9.81	10.03	8.61	9.00	9.45	9.65	9.61	9.45	6.30	9.69	8.39	8.31	8.48	7.07	5.77	7.06	7.58	8.52	8.74	6.29	6.48	7.26	8.77	10.32		

MONTHLY OBSERVATIONS: 734 MONTHLY MEAN: 8.37 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-035-0004 POC: 4
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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

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	1.0	4.0	2.0	-2.0	-1.0	.0	-2.0	.0	7.0	5.0	3.0	4.0	1.0	1.0	5.0	3.0	1.0	4.0	1.0	1.0	1.0	1.0	3.0	24	7.0
2	5.0	5.0	5.0	10.0	8.0	8.0	3.0	.0	2.0	5.0	2.0	2.0	5.0	3.0	4.0	5.0	5.0	4.0	6.0	5.0	8.0	7.0	9.0	8.0	24	10.0
3	7.0	13.0	4.0	15.0	10.0	9.0	15.0	14.0	9.0	15.0	16.0	16.0	13.0	12.0	13.0	9.0	-1.0	5.0	-1.0	3.0	.0	5.0	4.0	3.0	24	16.0
4	5.0	7.0	5.0	5.0	4.0	11.0	9.0	1.0	.0	9.0	6.0	5.0	5.0	8.0	2.0	5.0	4.0	7.0	4.0	5.0	2.0	13.0	13.0	6.0	24	13.0
5	9.0	11.0	8.0	15.0	12.0	17.0	12.0	10.0	10.0	19.0	13.0	15.0	8.0	1.0	8.0	6.0	-1.0	5.0	6.0	3.0	3.0	2.0	4.0	6.0	24	19.0
6	14.0	1.0	1.0	2.0	3.0	7.0	7.0	4.0	AX	BA	BA	BA	BA	BC	BC	-3.0	1.0	2.0	-2.0	-4.0	-1.0	-1.0	3.0	1.0	17	14.0
7	3.0	4.0	2.0	1.0	2.0	4.0	1.0	1.0	2.0	6.0	6.0	3.0	3.0	2.0	-1.0	3.0	2.0	5.0	-2.0	-2.0	-2.0	1.0	2.0	.0	24	6.0
8	3.0	4.0	1.0	7.0	6.0	5.0	4.0	5.0	9.0	3.0	9.0	9.0	3.0	6.0	4.0	1.0	.0	-1.0	6.0	.0	.0	5.0	9.0	4.0	24	9.0
9	9.0	13.0	9.0	13.0	13.0	10.0	11.0	11.0	7.0	11.0	11.0	10.0	12.0	10.0	5.0	9.0	5.0	8.0	1.0	6.0	4.0	12.0	24.0	12.0	24	24.0
10	8.0	9.0	8.0	11.0	6.0	8.0	14.0	10.0	11.0	11.0	16.0	AX	BA	5.0	8.0	7.0	10.0	5.0	9.0	5.0	5.0	10.0	29.0	33.0	22	33.0
11	24.0	16.0	13.0	18.0	21.0	17.0	12.0	7.0	6.0	12.0	16.0	10.0	12.0	12.0	10.0	12.0	11.0	10.0	5.0	5.0	5.0	8.0	4.0	9.0	24	24.0
12	9.0	10.0	9.0	8.0	7.0	11.0	10.0	8.0	11.0	12.0	13.0	11.0	7.0	7.0	5.0	9.0	6.0	3.0	9.0	5.0	7.0	6.0	5.0	12.0	24	13.0
13	7.0	6.0	14.0	8.0	9.0	9.0	12.0	17.0	10.0	12.0	9.0	BA	BA	6.0	8.0	11.0	6.0	8.0	5.0	7.0	5.0	9.0	6.0	10.0	22	17.0
14	12.0	13.0	16.0	17.0	18.0	16.0	19.0	19.0	13.0	13.0	20.0	18.0	20.0	17.0	19.0	16.0	14.0	10.0	12.0	8.0	12.0	15.0	13.0	10.0	24	20.0
15	9.0	9.0	7.0	13.0	13.0	13.0	12.0	9.0	14.0	15.0	13.0	13.0	12.0	9.0	10.0	6.0	8.0	7.0	7.0	4.0	3.0	6.0	8.0	10.0	24	15.0
16	10.0	9.0	12.0	12.0	14.0	13.0	13.0	13.0	15.0	10.0	24.0	36.0	25.0	17.0	14.0	8.0	10.0	13.0	16.0	13.0	10.0	11.0	15.0	9.0	24	36.0
17	8.0	14.0	12.0	15.0	12.0	12.0	14.0	8.0	11.0	14.0	16.0	10.0	12.0	8.0	12.0	10.0	8.0	8.0	9.0	10.0	10.0	10.0	10.0	5.0	24	16.0
18	6.0	6.0	9.0	6.0	11.0	8.0	8.0	6.0	10.0	8.0	5.0	8.0	7.0	4.0	7.0	7.0	4.0	4.0	5.0	9.0	9.0	7.0	6.0	9.0	24	11.0
19	13.0	12.0	12.0	9.0	9.0	10.0	3.0	3.0	8.0	5.0	7.0	3.0	10.0	11.0	5.0	13.0	10.0	9.0	9.0	8.0	10.0	12.0	13.0	12.0	24	13.0
20	10.0	10.0	8.0	11.0	10.0	10.0	14.0	8.0	9.0	10.0	12.0	15.0	15.0	16.0	24.0	2.0	.0	7.0	19.0	10.0	6.0	6.0	7.0	7.0	24	24.0
21	5.0	7.0	11.0	11.0	11.0	14.0	16.0	9.0	14.0	18.0	16.0	16.0	7.0	15.0	3.0	4.0	6.0	12.0	7.0	12.0	4.0	7.0	8.0	2.0	24	18.0
22	4.0	8.0	5.0	4.0	6.0	7.0	7.0	2.0	9.0	13.0	14.0	18.0	13.0	8.0	3.0	2.0	8.0	5.0	9.0	11.0	2.0	4.0	10.0	-5.0	24	18.0
23	-3.0	-3.0	-1.0	.0	-1.0	-1.0	-3.0	1.0	2.0	5.0	2.0	1.0	2.0	3.0	.0	2.0	1.0	.0	-3.0	-2.0	-1.0	2.0	-3.0	-2.0	24	5.0
24	.0	-1.0	.0	.0	2.0	4.0	.0	3.0	-1.0	6.0	1.0	4.0	1.0	3.0	4.0	6.0	4.0	4.0	4.0	.0	2.0	.0	-1.0	1.0	24	6.0
25	2.0	4.0	1.0	3.0	1.0	1.0	1.0	-1.0	1.0	2.0	2.0	.0	-3.0	.0	3.0	5.0	-4.0	1.0	-3.0	4.0	5.0	-2.0	2.0	4.0	24	5.0
26	5.0	6.0	.0	2.0	2.0	3.0	4.0	4.0	4.0	5.0	4.0	8.0	8.0	6.0	9.0	6.0	6.0	8.0	11.0	8.0	6.0	10.0	13.0	29.0	24	29.0
27	21.0	12.0	13.0	17.0	15.0	14.0	18.0	21.0	18.0	22.0	21.0	29.0	35.0	28.0	18.0	19.0	24.0	17.0	18.0	22.0	22.0	22.0	28.0	25.0	24	35.0
28	29.0	25.0	29.0	21.0	21.0	22.0	23.0	22.0	18.0	AX	BA	16.0	16.0	17.0	11.0	15.0	15.0	12.0	16.0	8.0	14.0	16.0	10.0	9.0	22	29.0
29	12.0	13.0	15.0	15.0	14.0	14.0	14.0	19.0	25.0	25.0	18.0	23.0	26.0	22.0	16.0	17.0	18.0	20.0	28.0	20.0	15.0	16.0	18.0	16.0	24	28.0
30	14.0	12.0	8.0	6.0	6.0	5.0	3.0	6.0	7.0	6.0	9.0	5.0	7.0	7.0	5.0	2.0	6.0	3.0	2.0	6.0	3.0	6.0	7.0	.0	24	14.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	29	28	28	27	27	29	29	30	30	30	30	30	30	30	30	30		
MAX:	29.0	25.0	29.0	21.0	21.0	22.0	23.0	22.0	25.0	25.0	24.0	36.0	35.0	28.0	24.0	19.0	24.0	20.0	28.0	22.0	22.0	22.0	29.0	33.0		
AVG:	8.73	8.53	8.00	9.23	8.77	9.33	9.20	7.93	8.76	10.68	10.93	11.37	10.56	9.10	7.93	7.30	6.30	6.73	7.20	6.33	5.63	7.53	9.23	8.27		

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: 8.45 MONTHLY MAX: 36.0

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: 37-035-0004 POC: 4
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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	7.0	7.0	3.0	4.0	2.0	2.0	5.0	7.0	5.0	3.0	3.0	5.0	12.0	10.0	12.0	9.0	.0	2.0	10.0	3.0	3.0	3.0	3.0	4.0	24	12.0
2	.0	2.0	5.0	2.0	4.0	4.0	.0	1.0	2.0	5.0	9.0	5.0	2.0	3.0	4.0	-1.0	1.0	.0	2.0	6.0	10.0	4.0	-1.0	5.0	24	10.0
3	2.0	6.0	7.0	4.0	.0	8.0	7.0	4.0	7.0	4.0	8.0	6.0	3.0	5.0	5.0	3.0	-2.0	4.0	7.0	4.0	1.0	5.0	5.0	2.0	24	8.0
4	9.0	7.0	11.0	10.0	9.0	7.0	5.0	3.0	3.0	13.0	7.0	11.0	12.0	9.0	15.0	7.0	14.0	5.0	5.0	8.0	3.0	5.0	6.0	4.0	24	15.0
5	-2.0	1.0	4.0	4.0	1.0	3.0	1.0	.0	4.0	.0	6.0	4.0	2.0	1.0	1.0	-1.0	6.0	5.0	-5.0	-2.0	1.0	2.0	-1.0	-2.0	24	6.0
6	-2.0	2.0	1.0	-2.0	-1.0	-2.0	.0	-1.0	4.0	4.0	7.0	3.0	5.0	4.0	2.0	3.0	.0	1.0	2.0	-2.0	-2.0	.0	1.0	2.0	24	7.0
7	2.0	3.0	1.0	5.0	2.0	4.0	2.0	.0	7.0	6.0	5.0	3.0	5.0	3.0	1.0	2.0	-1.0	.0	2.0	2.0	-2.0	3.0	2.0	2.0	24	7.0
8	3.0	4.0	3.0	4.0	5.0	7.0	5.0	7.0	12.0	7.0	11.0	3.0	5.0	4.0	1.0	2.0	4.0	5.0	-2.0	7.0	3.0	2.0	3.0	6.0	24	12.0
9	4.0	3.0	6.0	9.0	5.0	6.0	10.0	8.0	16.0	3.0	AX	BA	BA	4.0	9.0	15.0	17.0	8.0	15.0	12.0	5.0	4.0	11.0	13.0	21	17.0
10	14.0	13.0	13.0	13.0	13.0	17.0	16.0	13.0	16.0	18.0	31.0	15.0	14.0	13.0	11.0	11.0	12.0	11.0	11.0	9.0	12.0	12.0	17.0	9.0	24	31.0
11	18.0	10.0	15.0	18.0	16.0	13.0	17.0	17.0	14.0	18.0	12.0	9.0	15.0	11.0	12.0	19.0	14.0	15.0	13.0	7.0	12.0	9.0	7.0	6.0	24	19.0
12	7.0	7.0	3.0	8.0	9.0	16.0	8.0	5.0	2.0	5.0	3.0	6.0	6.0	6.0	7.0	8.0	8.0	10.0	7.0	1.0	1.0	2.0	4.0	3.0	24	16.0
13	3.0	3.0	2.0	-1.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	.0	9.0	3.0	5.0	6.0	5.0	6.0	4.0	3.0	3.0	5.0	2.0	2.0	24	9.0
14	10.0	13.0	9.0	11.0	7.0	5.0	6.0	5.0	10.0	11.0	10.0	8.0	4.0	9.0	4.0	8.0	9.0	5.0	5.0	8.0	4.0	8.0	7.0	11.0	24	13.0
15	7.0	8.0	9.0	5.0	5.0	8.0	6.0	12.0	19.0	13.0	11.0	8.0	9.0	11.0	6.0	11.0	5.0	4.0	8.0	9.0	10.0	10.0	13.0	14.0	24	19.0
16	14.0	14.0	15.0	15.0	20.0	13.0	12.0	12.0	17.0	15.0	11.0	9.0	10.0	10.0	9.0	13.0	10.0	8.0	11.0	11.0	8.0	10.0	13.0	12.0	24	20.0
17	15.0	15.0	12.0	10.0	16.0	13.0	18.0	15.0	14.0	14.0	15.0	13.0	9.0	9.0	9.0	10.0	10.0	8.0	3.0	3.0	5.0	4.0	4.0	7.0	24	18.0
18	8.0	9.0	9.0	5.0	6.0	9.0	6.0	8.0	14.0	13.0	12.0	9.0	9.0	9.0	10.0	12.0	10.0	8.0	12.0	10.0	9.0	7.0	7.0	8.0	24	14.0
19	13.0	10.0	9.0	8.0	8.0	11.0	8.0	9.0	12.0	15.0	12.0	14.0	14.0	17.0	15.0	4.0	1.0	12.0	7.0	8.0	11.0	11.0	11.0	11.0	24	17.0
20	14.0	12.0	9.0	10.0	7.0	11.0	8.0	7.0	11.0	20.0	16.0	14.0	13.0	8.0	9.0	10.0	11.0	9.0	7.0	7.0	5.0	6.0	11.0	13.0	24	20.0
21	8.0	12.0	15.0	13.0	14.0	13.0	14.0	12.0	20.0	19.0	22.0	10.0	4.0	2.0	7.0	.0	6.0	5.0	1.0	1.0	3.0	1.0	1.0	3.0	24	22.0
22	-3.0	.0	-2.0	.0	2.0	.0	-2.0	1.0	7.0	.0	AZ	BA	5.0	14.0	-2.0	11.0	7.0	5.0	5.0	6.0	6.0	5.0	7.0	8.0	22	14.0
23	6.0	8.0	7.0	1.0	3.0	6.0	8.0	4.0	6.0	5.0	7.0	-2.0	3.0	5.0	4.0	6.0	-2.0	6.0	5.0	3.0	5.0	3.0	3.0	.0	24	8.0
24	.0	-2.0	.0	-2.0	.0	3.0	3.0	4.0	5.0	6.0	5.0	.0	5.0	8.0	3.0	8.0	4.0	4.0	-1.0	1.0	5.0	.0	2.0	-1.0	24	8.0
25	-2.0	4.0	3.0	.0	6.0	9.0	.0	4.0	.0	4.0	6.0	6.0	6.0	3.0	8.0	-2.0	6.0	-2.0	2.0	3.0	4.0	.0	4.0	5.0	24	9.0
26	8.0	9.0	1.0	7.0	4.0	3.0	1.0	7.0	9.0	11.0	5.0	5.0	6.0	1.0	4.0	4.0	7.0	6.0	4.0	1.0	5.0	5.0	4.0	6.0	24	11.0
27	11.0	10.0	12.0	7.0	7.0	7.0	6.0	7.0	10.0	11.0	14.0	13.0	11.0	9.0	9.0	4.0	5.0	12.0	11.0	8.0	8.0	10.0	12.0	13.0	24	14.0
28	10.0	14.0	-5.0	4.0	2.0	-1.0	3.0	3.0	4.0	1.0	8.0	8.0	4.0	7.0	4.0	6.0	10.0	-5.0	4.0	3.0	2.0	4.0	4.0	-1.0	24	14.0
29	6.0	1.0	1.0	4.0	5.0	3.0	4.0	2.0	6.0	10.0	9.0	9.0	5.0	5.0	6.0	4.0	19.0	-5.0	8.0	8.0	5.0	7.0	5.0	6.0	24	19.0
30	8.0	3.0	6.0	4.0	3.0	5.0	2.0	5.0	5.0	6.0	9.0	10.0	13.0	5.0	5.0	6.0	6.0	10.0	5.0	7.0	5.0	4.0	12.0	11.0	24	13.0
31	13.0	12.0	9.0	9.0	9.0	9.0	4.0	9.0	7.0	12.0	6.0	8.0	4.0	7.0	10.0	-5.0	7.0	5.0	8.0	10.0	5.0	6.0	4.0	5.0	24	13.0
NO.:	31	31	31	31	31	31	31	31	31	31	29	29	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	18.0	15.0	15.0	18.0	20.0	17.0	18.0	17.0	20.0	20.0	31.0	15.0	15.0	17.0	15.0	19.0	19.0	15.0	15.0	12.0	12.0	12.0	17.0	14.0		
AVG:	6.81	7.10	6.23	6.10	6.16	6.90	5.97	6.23	8.74	8.87	9.76	7.31	7.47	6.94	6.61	6.23	6.74	5.39	5.68	5.32	5.00	5.06	5.90	6.03		

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 6.59 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-035-0004 POC: 4
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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

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

DAY	HOUR 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	7.0	8.0	5.0	6.0	5.0	5.0	8.0	14.0	14.0	11.0	12.0	11.0	7.0	2.0	11.0	6.0	4.0	8.0	9.0	9.0	10.0	8.0	11.0	24	14.0
2	9.0	9.0	11.0	7.0	6.0	10.0	7.0	5.0	13.0	BA	11.0	14.0	9.0	6.0	5.0	13.0	1.0	10.0	4.0	4.0	7.0	9.0	11.0	11.0	23	14.0
3	11.0	12.0	7.0	13.0	10.0	8.0	7.0	12.0	8.0	13.0	9.0	14.0	15.0	12.0	5.0	8.0	9.0	11.0	8.0	10.0	13.0	13.0	14.0	16.0	24	16.0
4	12.0	14.0	14.0	15.0	12.0	12.0	15.0	12.0	15.0	19.0	20.0	15.0	17.0	5.0	15.0	9.0	-1.0	9.0	7.0	6.0	8.0	7.0	7.0	9.0	24	20.0
5	9.0	5.0	11.0	7.0	3.0	9.0	3.0	5.0	6.0	3.0	3.0	3.0	6.0	7.0	6.0	10.0	7.0	-1.0	.0	5.0	2.0	2.0	2.0	3.0	24	11.0
6	2.0	1.0	.0	3.0	1.0	5.0	-1.0	6.0	4.0	9.0	9.0	8.0	10.0	3.0	7.0	11.0	1.0	10.0	3.0	5.0	7.0	5.0	4.0	3.0	24	11.0
7	3.0	3.0	5.0	5.0	3.0	5.0	8.0	.0	8.0	AX	BA	6.0	2.0	4.0	4.0	10.0	20.0	-3.0	7.0	5.0	7.0	6.0	9.0	4.0	22	20.0
8	6.0	5.0	7.0	9.0	3.0	2.0	5.0	1.0	8.0	4.0	5.0	5.0	6.0	6.0	3.0	5.0	-3.0	5.0	1.0	5.0	2.0	6.0	5.0	7.0	24	9.0
9	6.0	3.0	6.0	7.0	8.0	9.0	7.0	5.0	6.0	5.0	8.0	9.0	2.0	8.0	6.0	3.0	2.0	7.0	6.0	7.0	7.0	4.0	12.0	12.0	24	12.0
10	14.0	13.0	14.0	10.0	8.0	11.0	8.0	12.0	10.0	12.0	10.0	14.0	9.0	7.0	10.0	13.0	9.0	12.0	12.0	11.0	6.0	12.0	9.0	10.0	24	14.0
11	10.0	12.0	10.0	14.0	14.0	13.0	13.0	10.0	14.0	14.0	14.0	10.0	9.0	8.0	6.0	8.0	6.0	8.0	10.0	10.0	5.0	5.0	6.0	6.0	24	14.0
12	7.0	8.0	9.0	10.0	9.0	8.0	9.0	9.0	8.0	9.0	13.0	13.0	13.0	10.0	11.0	15.0	6.0	7.0	10.0	7.0	8.0	9.0	8.0	9.0	24	15.0
13	8.0	7.0	7.0	8.0	9.0	12.0	9.0	8.0	16.0	15.0	19.0	14.0	17.0	12.0	14.0	12.0	2.0	5.0	4.0	10.0	9.0	5.0	6.0	10.0	24	19.0
14	6.0	4.0	4.0	8.0	4.0	4.0	6.0	4.0	9.0	9.0	13.0	6.0	6.0	4.0	11.0	9.0	9.0	6.0	-4.0	2.0	8.0	8.0	5.0	8.0	24	13.0
15	6.0	7.0	11.0	6.0	7.0	10.0	6.0	6.0	16.0	9.0	13.0	14.0	8.0	7.0	6.0	7.0	.0	2.0	2.0	4.0	3.0	10.0	4.0	3.0	24	16.0
16	9.0	4.0	7.0	6.0	7.0	8.0	7.0	8.0	11.0	6.0	10.0	12.0	5.0	15.0	10.0	9.0	17.0	-5.0	-1.0	6.0	4.0	6.0	10.0	9.0	24	17.0
17	8.0	6.0	5.0	5.0	7.0	7.0	8.0	9.0	12.0	9.0	12.0	14.0	10.0	11.0	5.0	5.0	12.0	10.0	11.0	1.0	1.0	2.0	6.0	7.0	24	14.0
18	5.0	5.0	7.0	10.0	5.0	2.0	4.0	8.0	12.0	12.0	14.0	8.0	7.0	7.0	8.0	4.0	7.0	4.0	10.0	5.0	2.0	1.0	6.0	7.0	24	14.0
19	2.0	8.0	9.0	8.0	3.0	7.0	6.0	9.0	9.0	8.0	9.0	15.0	12.0	11.0	1.0	7.0	6.0	5.0	5.0	.0	.0	4.0	3.0	3.0	24	15.0
20	2.0	2.0	6.0	6.0	1.0	7.0	7.0	10.0	AX	BA	5.0	7.0	9.0	8.0	7.0	7.0	10.0	8.0	12.0	2.0	7.0	7.0	5.0	5.0	22	12.0
21	3.0	1.0	.0	4.0	5.0	3.0	3.0	5.0	4.0	1.0	2.0	8.0	5.0	5.0	6.0	7.0	2.0	4.0	6.0	3.0	3.0	2.0	3.0	5.0	24	8.0
22	7.0	3.0	4.0	6.0	8.0	6.0	4.0	7.0	4.0	8.0	7.0	1.0	5.0	-1.0	5.0	6.0	6.0	6.0	6.0	4.0	2.0	8.0	4.0	6.0	24	8.0
23	6.0	10.0	1.0	1.0	.0	3.0	7.0	5.0	6.0	14.0	7.0	19.0	20.0	16.0	14.0	16.0	14.0	17.0	11.0	13.0	11.0	9.0	13.0	13.0	24	20.0
24	6.0	4.0	2.0	6.0	2.0	.0	4.0	.0	9.0	8.0	7.0	9.0	8.0	8.0	3.0	-3.0	-1.0	2.0	8.0	7.0	4.0	6.0	7.0	9.0	24	9.0
25	9.0	5.0	6.0	6.0	3.0	7.0	4.0	6.0	8.0	7.0	7.0	7.0	12.0	8.0	4.0	5.0	2.0	7.0	8.0	4.0	10.0	4.0	13.0	9.0	24	13.0
26	8.0	7.0	3.0	5.0	4.0	5.0	.0	6.0	5.0	5.0	8.0	6.0	5.0	4.0	4.0	7.0	2.0	5.0	9.0	3.0	6.0	3.0	6.0	7.0	24	9.0
27	5.0	5.0	7.0	6.0	3.0	7.0	7.0	7.0	.0	10.0	10.0	9.0	4.0	9.0	1.0	1.0	9.0	.0	3.0	2.0	13.0	15.0	10.0	9.0	24	15.0
28	11.0	7.0	5.0	1.0	4.0	9.0	-1.0	5.0	8.0	7.0	11.0	7.0	6.0	5.0	5.0	4.0	7.0	7.0	5.0	12.0	7.0	9.0	10.0	12.0	24	12.0
29	13.0	8.0	13.0	15.0	16.0	10.0	14.0	10.0	12.0	14.0	13.0	11.0	16.0	10.0	8.0	10.0	10.0	5.0	9.0	5.0	7.0	7.0	10.0	9.0	24	16.0
30	7.0	5.0	6.0	7.0	8.0	10.0	10.0	8.0	5.0	3.0	4.0	7.0	9.0	2.0	2.0	2.0	.0	8.0	.0	12.0	-3.0	.0	3.0	4.0	24	12.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	29	27	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	14.0	14.0	14.0	15.0	16.0	13.0	15.0	12.0	16.0	19.0	20.0	19.0	20.0	16.0	15.0	16.0	20.0	17.0	12.0	13.0	13.0	15.0	14.0	16.0		
AVG:	7.20	6.33	6.83	7.30	5.97	7.13	6.37	6.87	8.97	9.15	9.79	9.90	9.10	7.47	6.47	7.70	5.90	5.83	6.00	5.97	5.83	6.47	7.30	7.87		

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 7.22 MONTHLY MAX: 20.0

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: 37-035-0004 POC: 4
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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

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

DAY	HOUR 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	3.0	.0	2.0	-2.0	6.0	4.0	2.0	1.0	5.0	5.0	7.0	7.0	7.0	6.0	8.0	6.0	8.0	2.0	3.0	7.0	4.0	9.0	5.0	7.0	24	9.0
2	6.0	4.0	1.0	2.0	3.0	6.0	.0	3.0	6.0	1.0	8.0	4.0	7.0	3.0	9.0	1.0	10.0	7.0	9.0	4.0	3.0	13.0	9.0	10.0	24	13.0
3	2.0	6.0	7.0	7.0	6.0	9.0	5.0	5.0	11.0	12.0	AX	BA	13.0	11.0	10.0	14.0	15.0	.0	5.0	13.0	7.0	8.0	10.0	13.0	22	15.0
4	12.0	11.0	10.0	10.0	5.0	7.0	6.0	8.0	6.0	5.0	5.0	10.0	8.0	5.0	11.0	10.0	16.0	3.0	12.0	9.0	6.0	15.0	19.0	16.0	24	19.0
5	10.0	13.0	12.0	7.0	13.0	13.0	6.0	7.0	7.0	10.0	8.0	7.0	6.0	9.0	5.0	13.0	1.0	9.0	6.0	6.0	3.0	8.0	3.0	3.0	24	13.0
6	7.0	3.0	6.0	2.0	5.0	6.0	2.0	1.0	9.0	10.0	9.0	11.0	4.0	14.0	1.0	12.0	12.0	9.0	-4.0	9.0	4.0	6.0	6.0	4.0	24	14.0
7	7.0	7.0	5.0	4.0	4.0	5.0	4.0	4.0	5.0	4.0	4.0	5.0	6.0	4.0	7.0	3.0	7.0	8.0	6.0	7.0	5.0	5.0	7.0	6.0	24	8.0
8	4.0	5.0	1.0	2.0	5.0	3.0	2.0	4.0	9.0	9.0	8.0	8.0	7.0	8.0	5.0	10.0	6.0	-5.0	-1.0	6.0	5.0	3.0	7.0	5.0	24	10.0
9	5.0	5.0	5.0	5.0	3.0	4.0	1.0	3.0	5.0	10.0	7.0	10.0	8.0	6.0	8.0	8.0	7.0	6.0	7.0	9.0	10.0	10.0	10.0	7.0	24	10.0
10	14.0	14.0	13.0	10.0	10.0	10.0	10.0	8.0	10.0	12.0	11.0	13.0	12.0	9.0	7.0	13.0	6.0	5.0	7.0	8.0	7.0	9.0	11.0	10.0	24	14.0
11	9.0	10.0	7.0	10.0	11.0	7.0	11.0	10.0	15.0	12.0	19.0	12.0	11.0	8.0	7.0	12.0	12.0	9.0	11.0	13.0	10.0	8.0	12.0	12.0	24	19.0
12	13.0	11.0	12.0	12.0	12.0	12.0	12.0	12.0	14.0	18.0	14.0	12.0	14.0	13.0	13.0	16.0	10.0	12.0	14.0	6.0	11.0	8.0	9.0	9.0	24	18.0
13	10.0	17.0	12.0	8.0	9.0	10.0	10.0	13.0	10.0	12.0	15.0	14.0	8.0	9.0	9.0	7.0	10.0	15.0	3.0	3.0	8.0	3.0	3.0	6.0	24	17.0
14	5.0	6.0	4.0	7.0	7.0	4.0	6.0	9.0	11.0	13.0	12.0	9.0	10.0	7.0	7.0	6.0	11.0	15.0	1.0	2.0	3.0	3.0	4.0	5.0	24	15.0
15	.0	4.0	5.0	7.0	8.0	8.0	7.0	10.0	5.0	10.0	12.0	9.0	7.0	11.0	6.0	13.0	-5.0	.0	1.0	13.0	3.0	5.0	4.0	5.0	24	13.0
16	6.0	4.0	2.0	5.0	4.0	6.0	2.0	5.0	3.0	10.0	10.0	12.0	9.0	8.0	5.0	5.0	11.0	1.0	3.0	11.0	10.0	11.0	15.0	14.0	24	15.0
17	9.0	8.0	8.0	2.0	7.0	7.0	6.0	7.0	7.0	10.0	14.0	9.0	8.0	8.0	9.0	5.0	2.0	13.0	-5.0	-1.0	10.0	5.0	5.0	5.0	24	14.0
18	5.0	5.0	4.0	2.0	7.0	5.0	3.0	5.0	2.0	12.0	7.0	12.0	11.0	10.0	5.0	5.0	10.0	8.0	.0	9.0	9.0	6.0	8.0	11.0	24	12.0
19	10.0	8.0	6.0	9.0	9.0	7.0	7.0	8.0	12.0	AX	BA	13.0	14.0	11.0	11.0	9.0	14.0	9.0	11.0	10.0	12.0	11.0	10.0	11.0	22	14.0
20	15.0	12.0	12.0	10.0	16.0	12.0	10.0	8.0	10.0	15.0	12.0	19.0	16.0	15.0	10.0	13.0	11.0	11.0	11.0	10.0	16.0	10.0	12.0	12.0	24	19.0
21	11.0	14.0	15.0	13.0	17.0	13.0	13.0	14.0	9.0	12.0	14.0	17.0	16.0	12.0	10.0	8.0	10.0	8.0	6.0	13.0	8.0	14.0	11.0	9.0	24	17.0
22	15.0	13.0	14.0	15.0	13.0	11.0	10.0	9.0	13.0	20.0	19.0	15.0	11.0	12.0	12.0	12.0	6.0	6.0	7.0	9.0	12.0	13.0	10.0	11.0	24	20.0
23	9.0	10.0	15.0	11.0	15.0	15.0	16.0	12.0	14.0	12.0	15.0	22.0	11.0	31.0	-5.0	.0	5.0	2.0	5.0	5.0	6.0	3.0	4.0	9.0	24	31.0
24	8.0	5.0	4.0	6.0	7.0	7.0	5.0	4.0	6.0	5.0	6.0	8.0	8.0	7.0	9.0	5.0	11.0	10.0	4.0	9.0	9.0	8.0	5.0	10.0	24	11.0
25	9.0	10.0	8.0	5.0	12.0	13.0	10.0	11.0	BA	BA	BA	BA	14.0	13.0	16.0	16.0	12.0	14.0	13.0	16.0	16.0	11.0	14.0	12.0	20	16.0
26	12.0	12.0	15.0	14.0	16.0	10.0	13.0	11.0	14.0	12.0	13.0	11.0	20.0	10.0	11.0	18.0	16.0	15.0	18.0	18.0	14.0	13.0	15.0	13.0	24	20.0
27	18.0	19.0	17.0	15.0	16.0	19.0	20.0	13.0	15.0	16.0	13.0	16.0	13.0	14.0	15.0	19.0	-5.0	4.0	7.0	9.0	5.0	9.0	9.0	11.0	24	20.0
28	8.0	9.0	10.0	11.0	10.0	12.0	9.0	10.0	11.0	12.0	6.0	14.0	12.0	18.0	13.0	28.0	.0	9.0	9.0	6.0	7.0	6.0	6.0	4.0	24	28.0
29	3.0	8.0	5.0	7.0	5.0	-1.0	3.0	.0	7.0	11.0	13.0	12.0	7.0	4.0	2.0	-3.0	1.0	-1.0	1.0	5.0	1.0	.0	5.0	6.0	24	13.0
30	4.0	2.0	1.0	5.0	1.0	4.0	2.0	2.0	2.0	4.0	5.0	3.0	2.0	1.0	5.0	5.0	3.0	3.0	2.0	3.0	2.0	1.0	4.0	8.0	24	8.0
31	3.0	5.0	8.0	5.0	2.0	5.0	1.0	3.0	5.0	7.0	14.0	6.0	5.0	7.0	9.0	4.0	8.0	8.0	4.0	7.0	5.0	7.0	8.0	15.0	24	15.0
NO.:	31	31	31	31	31	31	31	31	30	29	28	29	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	18.0	19.0	17.0	15.0	17.0	19.0	20.0	14.0	15.0	20.0	19.0	22.0	20.0	31.0	16.0	28.0	16.0	15.0	18.0	18.0	16.0	15.0	19.0	16.0		
AVG:	8.13	8.39	7.94	7.29	8.52	8.16	6.90	7.10	8.60	10.38	10.71	11.03	9.84	9.81	8.06	9.45	7.77	6.94	5.68	8.19	7.45	7.77	8.39	9.00		

MONTHLY OBSERVATIONS: 736 MONTHLY MEAN: 8.37 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-035-0004 POC: 4
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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

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

DAY	HOUR 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	10.0	10.0	9.0	12.0	11.0	10.0	10.0	9.0	14.0	10.0	13.0	8.0	6.0	9.0	10.0	8.0	10.0	10.0	6.0	9.0	11.0	13.0	11.0	24	14.0
2	12.0	9.0	10.0	10.0	9.0	8.0	10.0	9.0	6.0	9.0	7.0	11.0	15.0	12.0	10.0	12.0	16.0	14.0	9.0	9.0	15.0	12.0	11.0	16.0	24	16.0
3	15.0	14.0	11.0	13.0	13.0	11.0	13.0	9.0	12.0	10.0	14.0	12.0	13.0	13.0	12.0	15.0	17.0	12.0	14.0	13.0	13.0	11.0	13.0	13.0	24	17.0
4	13.0	12.0	10.0	11.0	11.0	14.0	11.0	15.0	13.0	16.0	15.0	11.0	11.0	13.0	11.0	9.0	9.0	13.0	6.0	7.0	-3.0	5.0	7.0	4.0	24	16.0
5	4.0	3.0	3.0	4.0	6.0	5.0	3.0	7.0	-2.0	12.0	8.0	13.0	5.0	3.0	2.0	1.0	2.0	4.0	6.0	1.0	1.0	4.0	3.0	1.0	24	13.0
6	7.0	5.0	3.0	7.0	5.0	6.0	6.0	1.0	5.0	6.0	2.0	6.0	6.0	7.0	7.0	8.0	7.0	8.0	9.0	8.0	11.0	10.0	10.0	4.0	24	11.0
7	10.0	7.0	9.0	8.0	1.0	5.0	5.0	2.0	4.0	9.0	7.0	5.0	5.0	6.0	9.0	7.0	10.0	18.0	18.0	3.0	7.0	7.0	7.0	6.0	24	18.0
8	9.0	6.0	5.0	9.0	6.0	6.0	8.0	5.0	6.0	1.0	5.0	1.0	2.0	10.0	1.0	6.0	7.0	4.0	9.0	7.0	4.0	6.0	9.0	4.0	24	10.0
9	7.0	6.0	8.0	11.0	6.0	8.0	9.0	10.0	12.0	AX	BA	BA	12.0	11.0	8.0	10.0	8.0	7.0	9.0	10.0	9.0	12.0	11.0	11.0	21	12.0
10	11.0	10.0	9.0	9.0	12.0	10.0	10.0	10.0	12.0	15.0	11.0	10.0	11.0	12.0	11.0	9.0	11.0	10.0	6.0	13.0	12.0	16.0	16.0	17.0	24	17.0
11	13.0	16.0	15.0	12.0	19.0	18.0	11.0	15.0	14.0	14.0	17.0	17.0	17.0	10.0	2.0	4.0	5.0	8.0	3.0	6.0	7.0	8.0	7.0	6.0	24	19.0
12	3.0	4.0	6.0	5.0	4.0	2.0	2.0	2.0	.0	11.0	4.0	9.0	5.0	2.0	12.0	3.0	5.0	8.0	1.0	5.0	3.0	6.0	6.0	7.0	24	12.0
13	3.0	5.0	2.0	4.0	6.0	6.0	3.0	-2.0	3.0	8.0	11.0	9.0	10.0	13.0	11.0	11.0	12.0	8.0	15.0	13.0	12.0	11.0	12.0	5.0	24	15.0
14	11.0	9.0	7.0	5.0	7.0	6.0	6.0	6.0	8.0	9.0	11.0	6.0	10.0	11.0	10.0	7.0	12.0	13.0	10.0	15.0	14.0	12.0	6.0	1.0	24	15.0
15	5.0	2.0	5.0	4.0	8.0	8.0	5.0	3.0	8.0	4.0	12.0	7.0	9.0	6.0	5.0	10.0	8.0	-4.0	6.0	-2.0	11.0	10.0	4.0	6.0	24	12.0
16	7.0	5.0	3.0	4.0	5.0	3.0	.0	2.0	3.0	6.0	8.0	9.0	10.0	12.0	9.0	11.0	-3.0	11.0	5.0	8.0	4.0	8.0	8.0	9.0	24	12.0
17	9.0	7.0	6.0	7.0	7.0	5.0	2.0	-1.0	4.0	9.0	18.0	AZ	AZ	AZ	9.0	5.0	8.0	15.0	4.0	3.0	-1.0	6.0	4.0	4.0	21	18.0
18	7.0	5.0	4.0	6.0	4.0	3.0	2.0	3.0	-2.0	7.0	11.0	5.0	10.0	6.0	11.0	5.0	-5.0	.0	2.0	2.0	4.0	8.0	3.0	6.0	24	11.0
19	7.0	7.0	4.0	3.0	2.0	5.0	9.0	3.0	6.0	8.0	7.0	10.0	6.0	10.0	10.0	8.0	11.0	10.0	6.0	9.0	9.0	7.0	10.0	14.0	24	14.0
20	12.0	12.0	8.0	9.0	6.0	7.0	8.0	7.0	6.0	9.0	14.0	12.0	9.0	13.0	8.0	11.0	12.0	13.0	14.0	11.0	13.0	17.0	18.0	17.0	24	18.0
21	16.0	11.0	14.0	15.0	13.0	11.0	13.0	11.0	11.0	13.0	18.0	20.0	14.0	20.0	12.0	12.0	18.0	11.0	17.0	10.0	16.0	18.0	19.0	22.0	24	22.0
22	22.0	20.0	17.0	17.0	15.0	18.0	11.0	8.0	4.0	AX	BA	16.0	16.0	5.0	13.0	13.0	14.0	12.0	13.0	13.0	13.0	13.0	11.0	13.0	22	22.0
23	13.0	10.0	12.0	13.0	11.0	9.0	7.0	8.0	18.0	14.0	12.0	17.0	10.0	5.0	5.0	9.0	10.0	-1.0	12.0	7.0	5.0	9.0	7.0	8.0	24	18.0
24	8.0	7.0	7.0	7.0	10.0	4.0	9.0	9.0	2.0	9.0	8.0	6.0	9.0	2.0	9.0	10.0	6.0	12.0	12.0	10.0	11.0	10.0	8.0	4.0	24	12.0
25	7.0	7.0	7.0	5.0	8.0	8.0	8.0	6.0	2.0	11.0	9.0	13.0	11.0	6.0	11.0	11.0	9.0	9.0	12.0	10.0	12.0	13.0	12.0	30.0 V	24	30.0
26	13.0	12.0	14.0	13.0	9.0	10.0	12.0	10.0	15.0	14.0	14.0	12.0	17.0	17.0	14.0	14.0	8.0	7.0	18.0	9.0	13.0	13.0	12.0	15.0	24	18.0
27	10.0	12.0	10.0	13.0	11.0	9.0	9.0	8.0	9.0	9.0	9.0	12.0	5.0	4.0	12.0	13.0	8.0	7.0	8.0	7.0	9.0	8.0	9.0	11.0	24	13.0
28	8.0	9.0	9.0	8.0	7.0	9.0	9.0	7.0	7.0	13.0	6.0	5.0	6.0	7.0	7.0	10.0	13.0	9.0	8.0	11.0	6.0	6.0	12.0	5.0	24	13.0
29	8.0	7.0	9.0	10.0	5.0	5.0	8.0	8.0	8.0	9.0	3.0	6.0	9.0	.0	4.0	2.0	2.0	5.0	-2.0	1.0	3.0	3.0	2.0	3.0	24	10.0
30	7.0	-1.0	3.0	5.0	4.0	7.0	3.0	6.0	4.0	1.0	2.0	11.0	7.0	7.0	7.0	9.0	9.0	8.0	10.0	8.0	6.0	8.0	10.0	4.0	24	11.0
31	4.0	6.0	4.0	5.0	7.0	5.0	4.0	5.0	4.0	6.0	7.0	7.0	4.0	3.0	7.0	3.0	4.0	5.0	4.0	.0	1.0	3.0	3.0	3.0	24	7.0
NO.:	31	31	31	31	31	31	31	31	31	29	29	29	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	22.0	20.0	17.0	17.0	19.0	18.0	13.0	15.0	18.0	16.0	18.0	20.0	17.0	20.0	14.0	15.0	18.0	18.0	18.0	15.0	16.0	18.0	19.0	30.0		
AVG:	9.48	8.19	7.87	8.42	8.03	7.81	7.29	6.52	6.81	9.52	9.66	10.03	9.40	8.40	8.65	8.65	8.42	8.58	8.84	7.52	8.03	9.39	9.13	9.03		

MONTHLY OBSERVATIONS: 736 MONTHLY MEAN: 8.47 MONTHLY MAX: 30.0

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: 37-035-0004 POC: 4
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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

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

DAY	HOUR 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	2.0	3.0	3.0	3.0	6.0	4.0	3.0	4.0	9.0	6.0	5.0	11.0	11.0	9.0	AV	AV	AV	4.0	-2.0	.0	3.0	-1.0	3.0	21	11.0
2	1.0	.0	-1.0	.0	2.0	2.0	.0	1.0	1.0	.0	.0	1.0	2.0	4.0	3.0	5.0	4.0	1.0	5.0	.0	3.0	3.0	3.0	.0	24	5.0
3	4.0	5.0	3.0	4.0	3.0	4.0	3.0	5.0	4.0	9.0	7.0	8.0	3.0	4.0	3.0	7.0	5.0	5.0	3.0	5.0	7.0	14.0	16.0	17.0	24	17.0
4	8.0	7.0	9.0	4.0	6.0	4.0	7.0	7.0	2.0	9.0	11.0	14.0	11.0	11.0	9.0	6.0	11.0	11.0	7.0	6.0	8.0	9.0	6.0	7.0	24	14.0
5	10.0	10.0	8.0	11.0	10.0	8.0	7.0	6.0	8.0	9.0	AX	BA	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	10	11.0
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	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	0	
8	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
9	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
10	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
11	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
12	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
13	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
14	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
15	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
16	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
17	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
18	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
19	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
20	AO	AO	AO	AO	AO	AO	AO	AO	AO	BC	BA	8.0	6.0	8.0	7.0	8.0	5.0	5.0	5.0	7.0	7.0	16.0	5.0	7.0	13	16.0
21	10.0	9.0	10.0	9.0	10.0	7.0	4.0	5.0	1.0	10.0	11.0	11.0	5.0	2.0	6.0	8.0	11.0	3.0	7.0	7.0	10.0	8.0	9.0	7.0	24	11.0
22	9.0	7.0	7.0	6.0	4.0	4.0	4.0	4.0	1.0	6.0	16.0	14.0	13.0	9.0	5.0	10.0	9.0	11.0	13.0	11.0	11.0	14.0	27.0	19.0	24	27.0
23	15.0	15.0	16.0	12.0	8.0	10.0	9.0	7.0	5.0	12.0	11.0	17.0	15.0	11.0	8.0	6.0	12.0	12.0	7.0	8.0	13.0	12.0	13.0	13.0	24	17.0
24	14.0	11.0	11.0	10.0	8.0	9.0	9.0	11.0	6.0	6.0	9.0	12.0	11.0	6.0	6.0	3.0	4.0	7.0	3.0	5.0	9.0	8.0	6.0	5.0	24	14.0
25	2.0	7.0	5.0	5.0	3.0	3.0	5.0	5.0	.0	6.0	9.0	14.0	15.0	8.0	10.0	9.0	6.0	6.0	7.0	7.0	9.0	7.0	11.0	8.0	24	15.0
26	10.0	9.0	9.0	11.0	3.0	8.0	9.0	4.0	10.0	7.0	12.0	13.0	9.0	8.0	4.0	7.0	11.0	5.0	4.0	6.0	8.0	13.0	11.0	7.0	24	13.0
27	8.0	4.0	7.0	5.0	7.0	6.0	5.0	3.0	6.0	9.0	7.0	13.0	12.0	10.0	6.0	5.0	13.0	2.0	11.0	11.0	10.0	12.0	9.0	11.0	24	13.0
28	8.0	10.0	11.0	7.0	6.0	6.0	7.0	7.0	7.0	14.0	13.0	18.0	14.0	9.0	10.0	12.0	15.0	13.0	12.0	14.0	10.0	15.0	15.0	5.0	24	18.0
29	6.0	6.0	6.0	5.0	7.0	8.0	5.0	10.0	6.0	2.0	7.0	2.0	3.0	4.0	6.0	7.0	1.0	2.0	5.0	3.0	9.0	12.0	9.0	6.0	24	12.0
30	6.0	5.0	6.0	4.0	1.0	5.0	2.0	.0	-3.0	7.0	7.0	5.0	6.0	4.0	4.0	3.0	3.0	-2.0	3.0	3.0	11.0	8.0	9.0	10.0	24	11.0
31																									0	
NO.:	15	15	15	15	15	15	15	15	15	15	14	15	15	15	15	14	14	14	15	15	15	15	15	15		
MAX:	15.0	15.0	16.0	12.0	10.0	10.0	9.0	11.0	10.0	14.0	16.0	18.0	15.0	11.0	10.0	12.0	15.0	13.0	13.0	14.0	13.0	16.0	27.0	19.0		
AVG:	7.67	7.13	7.33	6.40	5.40	6.00	5.33	5.20	3.87	7.67	9.00	10.33	9.07	7.27	6.40	6.86	7.86	5.79	6.40	6.07	8.33	10.27	9.87	8.33		

MONTHLY OBSERVATIONS: 356 MONTHLY MEAN: 7.24 MONTHLY MAX: 27.0

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: 37-035-0004 POC: 4
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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

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

DAY	HOUR 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	3.0	3.0	.0	3.0	2.0	2.0	4.0	1.0	.0	8.0	6.0	4.0	3.0	1.0	6.0	6.0	.0	1.0	1.0	1.0	7.0	10.0	3.0	.0	24	10.0
2	.0	3.0	4.0	2.0	2.0	5.0	3.0	4.0	4.0	4.0	AX	BA	4.0	5.0	9.0	7.0	5.0	1.0	6.0	5.0	8.0	13.0	8.0	6.0	22	13.0
3	4.0	3.0	7.0	7.0	5.0	9.0	8.0	5.0	4.0	5.0	10.0	10.0	3.0	3.0	7.0	5.0	-3.0	5.0	5.0	3.0	6.0	8.0	8.0	5.0	24	10.0
4	7.0	4.0	6.0	8.0	9.0	4.0	4.0	7.0	.0	11.0	7.0	10.0	8.0	3.0	8.0	9.0	8.0	8.0	5.0	6.0	5.0	10.0	11.0	10.0	24	11.0
5	8.0	9.0	8.0	5.0	3.0	5.0	8.0	4.0	-4.0	9.0	9.0	13.0	13.0	8.0	8.0	9.0	5.0	8.0	9.0	2.0	5.0	11.0	7.0	7.0	24	13.0
6	12.0	8.0	6.0	5.0	2.0	6.0	7.0	7.0	.0	11.0	11.0	17.0	9.0	6.0	5.0	8.0	9.0	5.0	6.0	2.0	8.0	13.0	9.0	10.0	24	17.0
7	7.0	8.0	8.0	5.0	4.0	7.0	11.0	7.0	7.0	15.0	7.0	11.0	11.0	11.0	8.0	3.0	1.0	2.0	3.0	3.0	6.0	4.0	-1.0	4.0	24	15.0
8	-1.0	3.0	7.0	4.0	5.0	6.0	4.0	8.0	7.0	5.0	4.0	9.0	17.0	12.0	12.0	10.0	9.0	8.0	11.0	6.0	2.0	-4.0	2.0	3.0	24	17.0
9	2.0	3.0	2.0	3.0	1.0	-1.0	.0	1.0	7.0	4.0	2.0	4.0	9.0	7.0	4.0	7.0	3.0	3.0	4.0	4.0	5.0	8.0	6.0	7.0	24	9.0
10	9.0	6.0	6.0	6.0	6.0	7.0	9.0	2.0	8.0	4.0	8.0	5.0	6.0	8.0	7.0	5.0	9.0	13.0	12.0	10.0	7.0	10.0	10.0	9.0	24	13.0
11	11.0	9.0	9.0	11.0	7.0	6.0	10.0	15.0	12.0	10.0	17.0	12.0	11.0	12.0	13.0	7.0	13.0	11.0	9.0	8.0	10.0	11.0	9.0	10.0	24	17.0
12	10.0	6.0	10.0	8.0	7.0	7.0	6.0	7.0	12.0	15.0	17.0	7.0	12.0	14.0	9.0	11.0	9.0	18.0	9.0	8.0	9.0	6.0	6.0	8.0	24	18.0
13	5.0	1.0	-2.0	2.0	1.0	-1.0	.0	3.0	-4.0	.0	3.0	-1.0	3.0	7.0	4.0	4.0	5.0	3.0	6.0	4.0	6.0	7.0	5.0	4.0	24	7.0
14	3.0	3.0	5.0	3.0	3.0	4.0	4.0	5.0	4.0	5.0	3.0	6.0	7.0	10.0	7.0	7.0	10.0	12.0	6.0	10.0	19.0	26.0	21.0	16.0	24	26.0
15	14.0	14.0	10.0	12.0	3.0	8.0	8.0	5.0	15.0	9.0	9.0	10.0	12.0	10.0	12.0	9.0	7.0	7.0	4.0	6.0	6.0	7.0	9.0	9.0	24	15.0
16	9.0	10.0	10.0	9.0	6.0	.0	-3.0	3.0	.0	-1.0	1.0	4.0	.0	6.0	5.0	-2.0	2.0	2.0	-1.0	1.0	-1.0	1.0	-2.0	3.0	24	10.0
17	.0	.0	4.0	3.0	3.0	12.0	3.0	1.0	-4.0	7.0	4.0	4.0	3.0	2.0	4.0	5.0	-1.0	1.0	-1.0	3.0	5.0	11.0	7.0	9.0	24	12.0
18	3.0	5.0	7.0	3.0	7.0	2.0	1.0	-3.0	1.0	2.0	AX	BA	6.0	2.0	2.0	3.0	4.0	8.0	5.0	3.0	7.0	13.0	15.0	10.0	22	15.0
19	6.0	15.0	8.0	5.0	5.0	5.0	4.0	5.0	4.0	6.0	5.0	16.0	9.0	8.0	8.0	16.0	6.0	4.0	2.0	4.0	5.0	19.0	15.0	11.0	24	19.0
20	6.0	4.0	5.0	4.0	3.0	5.0	1.0	2.0	2.0	5.0	9.0	9.0	11.0	6.0	7.0	5.0	5.0	9.0	4.0	4.0	10.0	6.0	11.0	11.0	24	11.0
21	7.0	8.0	7.0	6.0	3.0	5.0	5.0	6.0	6.0	6.0	8.0	9.0	12.0	13.0	11.0	8.0	7.0	9.0	7.0	9.0	13.0	18.0	20.0	14.0	24	20.0
22	15.0	15.0	11.0	15.0	14.0	13.0	11.0	8.0	7.0	11.0	17.0	16.0	8.0	5.0	4.0	5.0	3.0	9.0	3.0	11.0	11.0	6.0	8.0	4.0	24	17.0
23	4.0	4.0	5.0	11.0	5.0	4.0	4.0	6.0	3.0	5.0	4.0	7.0	8.0	6.0	6.0	AV	15.0	-5.0	3.0	-1.0	2.0	5.0	3.0	-1.0	23	15.0
24	AV	3.0	-3.0	.0	2.0	2.0	4.0	3.0	3.0	-3.0	6.0	5.0	4.0	2.0	6.0	7.0	-1.0	5.0	-1.0	2.0	-1.0	1.0	5.0	2.0	23	7.0
25	.0	5.0	5.0	7.0	9.0	3.0	4.0	12.0	-1.0	9.0	4.0	3.0	3.0	3.0	12.0	-5.0	6.0	1.0	4.0	-2.0	5.0	1.0	5.0	4.0	24	12.0
26	6.0	5.0	1.0	2.0	2.0	4.0	5.0	5.0	-4.0	7.0	3.0	7.0	5.0	5.0	6.0	3.0	3.0	6.0	6.0	31.0	5.0	11.0	9.0	10.0	24	31.0
27	9.0	13.0	10.0	11.0	7.0	7.0	6.0	7.0	-1.0	6.0	10.0	13.0	12.0	14.0	11.0	12.0	8.0	7.0	7.0	5.0	7.0	4.0	11.0	13.0	24	14.0
28	8.0	12.0	10.0	18.0	10.0	11.0	13.0	11.0	13.0	8.0	16.0	7.0	7.0	12.0	7.0	6.0	11.0	13.0	6.0	14.0	13.0	5.0	4.0	4.0	24	18.0
29	6.0	7.0	1.0	2.0	3.0	4.0	4.0	-2.0	-1.0	-2.0	.0	-2.0	-1.0	1.0	1.0	1.0	-2.0	2.0	-1.0	-1.0	3.0	3.0	-2.0	.0	24	7.0
30	.0	6.0	2.0	3.0	.0	2.0	1.0	2.0	2.0	6.0	11.0	11.0	5.0	7.0	10.0	5.0	2.0	-1.0	-2.0	-2.0	4.0	4.0	3.0	7.0	24	11.0
31	5.0	8.0	8.0	13.0	12.0	7.0	7.0	6.0	2.0	5.0	15.0	18.0	11.0	10.0	11.0	6.0	7.0	4.0	-3.0	5.0	3.0	6.0	10.0	21.0	24	21.0
NO.:	30	31	31	31	31	31	31	31	31	31	29	29	31	31	31	30	31	31	31	31	31	31	31	31		
MAX:	15.0	15.0	11.0	18.0	14.0	13.0	13.0	15.0	15.0	15.0	17.0	18.0	17.0	14.0	13.0	16.0	15.0	18.0	12.0	31.0	19.0	26.0	21.0	21.0		
AVG:	5.93	6.55	5.71	6.32	4.87	5.16	5.03	4.94	3.35	6.19	7.79	8.41	7.45	7.06	7.42	6.07	5.32	5.77	4.32	5.29	6.45	8.19	7.58	7.42		

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 6.18 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-035-0004 POC: 4
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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

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

DAY	HOUR 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	15.0	21.0	19.0	13.0	15.0	15.0	15.0	13.0	8.0	22.0	18.0	25.0	13.0	13.0	17.0	6.0	7.0	7.0	13.0	9.0	7.0	12.0	15.0	14.0	24	25.0
2	21.0	19.0	15.0	19.0	11.0	10.0	9.0	16.0	6.0	AZ	BA	11.0	13.0	6.0	8.0	8.0	8.0	10.0	5.0	12.0	10.0	13.0	15.0	20.0	22	21.0
3	18.0	18.0	13.0	12.0	14.0	10.0	11.0	12.0	8.0	6.0	14.0	5.0	16.0	14.0	-4.0	9.0	7.0	9.0	10.0	13.0	18.0	6.0	11.0	9.0	24	18.0
4	15.0	8.0	8.0	9.0	3.0	6.0	6.0	9.0	13.0	8.0	7.0	6.0	5.0	1.0	2.0	.0	4.0	.0	.0	3.0	5.0	4.0	6.0	7.0	24	15.0
5	10.0	6.0	6.0	8.0	4.0	3.0	2.0	2.0	1.0	1.0	3.0	4.0	5.0	7.0	4.0	8.0	12.0	12.0	10.0	10.0	13.0	13.0	13.0	14.0	24	14.0
6	11.0	16.0	14.0	14.0	13.0	15.0	15.0	16.0	13.0	13.0	11.0	17.0	10.0	9.0	17.0	17.0	13.0	20.0	12.0	13.0	26.0	23.0	17.0	9.0	24	26.0
7	14.0	15.0	16.0	14.0	15.0	9.0	13.0	8.0	10.0	9.0	BA	17.0	13.0	9.0	13.0	18.0	17.0	20.0	15.0	18.0	18.0	17.0	4.0	.0	23	20.0
8	1.0	-2.0	2.0	-1.0	3.0	3.0	2.0	3.0	3.0	4.0	5.0	4.0	.0	4.0	1.0	3.0	5.0	3.0	.0	1.0	.0	4.0	2.0	3.0	24	5.0
9	.0	.0	2.0	2.0	2.0	2.0	-1.0	.0	1.0	1.0	2.0	3.0	2.0	3.0	1.0	4.0	4.0	7.0	6.0	5.0	7.0	8.0	6.0	11.0	24	11.0
10	9.0	6.0	9.0	13.0	6.0	4.0	7.0	11.0	3.0	10.0	14.0	8.0	11.0	5.0	6.0	5.0	6.0	4.0	1.0	2.0	7.0	4.0	5.0	2.0	24	14.0
11	6.0	4.0	6.0	4.0	.0	2.0	5.0	1.0	.0	3.0	6.0	7.0	6.0	6.0	9.0	9.0	9.0	7.0	1.0	11.0	13.0	18.0	25.0	26.0	24	26.0
12	34.0	25.0	23.0	21.0	21.0	18.0	14.0	14.0	15.0	13.0	17.0	12.0	13.0	13.0	15.0	15.0	24.0	26.0	17.0	19.0	24.0	16.0	16.0	12.0	24	34.0
13	18.0	22.0	27.0	20.0	22.0	16.0	7.0	7.0	8.0	5.0	6.0	17.0	13.0	11.0	11.0	4.0	8.0	4.0	-3.0	-2.0	3.0	7.0	6.0	4.0	24	27.0
14	5.0	7.0	7.0	11.0	5.0	8.0	9.0	5.0	8.0	7.0	15.0	14.0	13.0	13.0	15.0	15.0	11.0	11.0	13.0	10.0	17.0	16.0	13.0	20.0	24	20.0
15	18.0	11.0	15.0	12.0	14.0	11.0	10.0	10.0	6.0	13.0	9.0	9.0	12.0	19.0	14.0	14.0	9.0	16.0	12.0	21.0	25.0	18.0	16.0	17.0	24	25.0
16	16.0	18.0	28.0	19.0	22.0	24.0	19.0	20.0	18.0	25.0	17.0	19.0	AX	BA	4.0	7.0	1.0	8.0	.0	5.0	6.0	8.0	8.0	3.0	22	28.0
17	14.0	7.0	15.0	27.0	11.0	17.0	19.0	19.0	15.0	12.0	12.0	7.0	9.0	13.0	7.0	6.0	4.0	2.0	2.0	5.0	6.0	9.0	12.0	9.0	24	27.0
18	14.0	18.0	10.0	10.0	12.0	11.0	10.0	11.0	8.0	13.0	12.0	17.0	14.0	16.0	16.0	8.0	10.0	9.0	15.0	14.0	16.0	13.0	13.0	14.0	24	18.0
19	17.0	14.0	9.0	-3.0	-4.0	-3.0	-3.0	-1.0	-2.0	-1.0	7.0	1.0	4.0	.0	-1.0	4.0	2.0	.0	1.0	4.0	4.0	5.0	12.0	8.0	24	17.0
20	9.0	12.0	9.0	12.0	10.0	13.0	19.0	6.0	2.0	9.0	13.0	8.0	13.0	14.0	5.0	5.0	7.0	1.0	4.0	5.0	7.0	6.0	22.0	21.0	24	22.0
21	16.0	20.0	20.0	20.0	17.0	19.0	21.0	19.0	19.0	23.0	20.0	20.0	20.0	14.0	10.0	11.0	10.0	9.0	5.0	12.0	15.0	7.0	8.0	13.0	24	23.0
22	9.0	15.0	14.0	18.0	14.0	5.0	8.0	7.0	9.0	11.0	21.0	8.0	12.0	11.0	6.0	6.0	2.0	-4.0	-3.0	2.0	8.0	13.0	6.0	3.0	24	21.0
23	5.0	8.0	9.0	9.0	8.0	6.0	7.0	6.0	10.0	9.0	11.0	10.0	11.0	11.0	14.0	13.0	7.0	6.0	5.0	6.0	8.0	21.0	24.0	26.0	24	26.0
24	31.0	27.0	24.0	23.0	20.0	23.0	19.0	21.0	17.0	13.0	16.0	11.0	21.0	20.0	16.0	14.0	12.0	6.0	5.0	8.0	18.0	16.0	30.0	31.0	24	31.0
25	52.0	41.0	36.0	38.0	26.0	22.0	29.0	26.0	18.0	30.0	25.0	25.0	32.0	30.0	20.0	23.0	12.0	15.0	11.0	29.0	48.0	42.0	40.0	20.0	24	52.0
26	11.0	8.0	8.0	4.0	5.0	4.0	.0	8.0	1.0	7.0	8.0	3.0	9.0	7.0	5.0	3.0	1.0	3.0	-5.0	-2.0	-2.0	5.0	7.0	14.0	24	14.0
27	3.0	16.0	16.0	15.0	14.0	9.0	13.0	14.0	12.0	6.0	8.0	6.0	16.0	11.0	10.0	5.0	5.0	3.0	-4.0	2.0	8.0	21.0	17.0	23.0	24	23.0
28	18.0	17.0	13.0	16.0	13.0	14.0	16.0	15.0	12.0	13.0	9.0	5.0	14.0	11.0	11.0	10.0	5.0	6.0	-4.0	2.0	9.0	12.0	8.0	9.0	24	18.0
29	11.0	20.0	15.0	15.0	21.0	9.0	11.0	13.0	7.0	14.0	20.0	24.0	21.0	15.0	14.0	13.0	6.0	12.0	-5.0	-1.0	11.0	20.0	29.0	20.0	24	29.0
30	19.0	21.0	19.0	17.0	22.0	21.0	20.0	25.0	20.0	31.0	26.0	24.0	21.0	24.0	13.0	20.0	19.0	15.0	14.0	23.0	24.0	28.0	23.0	26.0	24	31.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	29	28	30	29	29	30	30	30	30	30	30	30	30	30	30		
MAX:	52.0	41.0	36.0	38.0	26.0	24.0	29.0	26.0	20.0	31.0	26.0	25.0	32.0	30.0	20.0	23.0	24.0	26.0	17.0	29.0	48.0	42.0	40.0	31.0		
AVG:	14.67	14.60	14.23	13.70	11.97	10.87	11.07	11.20	8.97	11.38	12.57	11.57	12.48	11.38	9.30	9.43	8.23	8.23	5.10	8.63	12.63	13.50	14.30	13.60		

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 11.40 MONTHLY MAX: 52.0

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: 37-035-0004 POC: 4
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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	24.0	23.0	26.0	19.0	24.0	23.0	25.0	26.0	26.0	26.0	30.0	27.0	6.0	15.0	13.0	7.0	12.0	3.0	6.0	14.0	10.0	10.0	10.0	10.0	24	30.0
2	16.0	17.0	14.0	12.0	9.0	14.0	13.0	16.0	11.0	15.0	13.0	15.0	12.0	19.0	7.0	13.0	14.0	13.0	14.0	18.0	28.0	34.0	38.0	34.0	24	38.0
3	35.0	34.0	30.0	26.0	27.0	27.0	28.0	19.0	13.0	15.0	21.0	24.0	19.0	14.0	12.0	12.0	11.0	9.0	1.0	7.0	13.0	21.0	28.0	23.0	24	35.0
4	23.0	22.0	25.0	17.0	22.0	18.0	17.0	22.0	20.0	22.0	28.0	AX	BA	29.0	26.0	3.0	12.0	12.0	5.0	9.0	18.0	29.0	25.0	24.0	22	29.0
5	26.0	27.0	21.0	16.0	21.0	17.0	22.0	20.0	23.0	21.0	18.0	20.0	24.0	17.0	16.0	19.0	15.0	18.0	14.0	14.0	18.0	14.0	4.0	10.0	24	27.0
6	8.0	8.0	11.0	8.0	13.0	.0	-2.0	.0	1.0	8.0	2.0	1.0	-1.0	7.0	8.0	6.0	2.0	4.0	3.0	9.0	7.0	7.0	9.0	12.0	24	13.0
7	15.0	13.0	18.0	15.0	17.0	14.0	21.0	20.0	19.0	19.0	52.0 V	9.0	11.0	2.0	8.0	7.0	7.0	6.0	5.0	10.0	12.0	11.0	15.0	16.0	24	52.0
8	15.0	21.0	15.0	16.0	24.0	20.0	17.0	13.0	9.0	8.0	12.0	8.0	11.0	13.0	13.0	11.0	6.0	8.0	3.0	8.0	67.0 V	7.0	7.0	10.0	24	67.0
9	6.0	9.0	7.0	8.0	9.0	6.0	10.0	10.0	8.0	9.0	9.0	AN	6.0	-5.0	-5.0	1.0	4.0	21.0	9.0	7.0	12.0	9.0	3.0	4.0	23	21.0
10	3.0	3.0	3.0	7.0	9.0	5.0	6.0	5.0	4.0	7.0	45.0	6.0	11.0	6.0	10.0	-5.0	8.0	4.0	4.0	1.0	4.0	10.0	12.0	11.0	24	45.0
11	11.0	10.0	25.0	19.0	17.0	6.0	19.0	36.0	11.0	20.0	15.0	14.0	9.0	4.0	7.0	9.0	6.0	4.0	-5.0	.0	4.0	10.0	7.0	15.0	24	36.0
12	10.0	7.0	13.0	16.0	19.0	16.0	23.0	36.0	15.0	12.0	8.0	15.0	9.0	-4.0	12.0	3.0	-3.0	1.0	1.0	-1.0	4.0	4.0	2.0	1.0	24	36.0
13	.0	2.0	.0	-1.0	2.0	5.0	.0	4.0	3.0	5.0	6.0	5.0	4.0	10.0	5.0	5.0	9.0	2.0	-1.0	3.0	3.0	.0	2.0	5.0	24	10.0
14	.0	5.0	3.0	5.0	1.0	6.0	7.0	7.0	-1.0	15.0	17.0	10.0	10.0	11.0	10.0	7.0	5.0	8.0	-1.0	2.0	9.0	6.0	10.0	9.0	24	17.0
15	9.0	12.0	8.0	12.0	12.0	13.0	12.0	12.0	14.0	14.0	41.0	30.0	24.0	25.0	17.0	18.0	12.0	9.0	4.0	8.0	15.0	9.0	11.0	10.0	24	41.0
16	11.0	11.0	12.0	14.0	11.0	9.0	11.0	9.0	13.0	12.0	22.0	10.0	12.0	9.0	16.0	10.0	7.0	3.0	4.0	7.0	12.0	12.0	19.0	21.0	24	22.0
17	22.0	20.0	26.0	30.0	28.0	24.0	20.0	24.0	26.0	18.0	20.0	17.0	19.0	20.0	24.0	23.0	17.0	23.0	26.0	28.0	34.0	34.0	34.0	30.0	24	34.0
18	32.0	35.0	34.0	33.0	33.0	30.0	24.0	29.0	24.0	29.0	23.0	31.0	30.0	20.0	21.0	20.0	12.0	10.0	4.0	13.0	11.0	14.0	14.0	20.0	24	35.0
19	22.0	26.0	26.0	24.0	29.0	29.0	18.0	15.0	21.0	24.0	30.0	AX	BA	BA	3.0	5.0	5.0	5.0	6.0	5.0	7.0	6.0	8.0	9.0	21	30.0
20	11.0	10.0	18.0	19.0	17.0	20.0	26.0	25.0	18.0	20.0	23.0	16.0	13.0	12.0	8.0	8.0	3.0	4.0	3.0	5.0	5.0	1.0	6.0	2.0	24	26.0
21	6.0	5.0	4.0	3.0	8.0	8.0	9.0	8.0	12.0	11.0	16.0	13.0	19.0	12.0	18.0	17.0	19.0	17.0	18.0	17.0	16.0	19.0	17.0	17.0	24	19.0
22	22.0	23.0	23.0	20.0	19.0	16.0	19.0	23.0	22.0	19.0	19.0	10.0	17.0	13.0	15.0	17.0	10.0	15.0	11.0	14.0	15.0	14.0	13.0	11.0	24	23.0
23	10.0	11.0	10.0	10.0	10.0	11.0	10.0	6.0	11.0	11.0	4.0	9.0	9.0	7.0	9.0	7.0	8.0	9.0	7.0	7.0	-3.0	-2.0	1.0	-3.0	24	11.0
24	1.0	.0	2.0	5.0	3.0	-1.0	.0	5.0	-1.0	1.0	4.0	2.0	.0	1.0	1.0	2.0	5.0	4.0	2.0	7.0	6.0	6.0	5.0	8.0	24	8.0
25	10.0	3.0	2.0	1.0	3.0	-1.0	1.0	4.0	15.0	7.0	1.0	3.0	-1.0	5.0	3.0	-1.0	.0	2.0	6.0	4.0	6.0	2.0	4.0	7.0	24	15.0
26	5.0	3.0	4.0	6.0	6.0	7.0	4.0	6.0	7.0	6.0	.0	10.0	3.0	10.0	4.0	9.0	3.0	5.0	1.0	6.0	11.0	23.0	19.0	27.0	24	27.0
27	28.0	26.0	32.0	29.0	20.0	27.0	26.0	31.0	25.0	28.0	18.0	20.0	14.0	13.0	13.0	13.0	19.0	16.0	9.0	13.0	10.0	8.0	6.0	4.0	24	32.0
28	3.0	7.0	5.0	5.0	8.0	5.0	5.0	5.0	3.0	4.0	5.0	6.0	1.0	5.0	9.0	12.0	7.0	15.0	6.0	14.0	14.0	12.0	13.0	16.0	24	16.0
29	21.0	22.0	22.0	20.0	26.0	24.0	27.0	24.0	25.0	21.0	18.0	20.0	28.0	23.0	21.0	20.0	18.0	14.0	12.0	16.0	15.0	23.0	22.0	26.0	24	28.0
30	19.0	20.0	18.0	23.0	18.0	23.0	22.0	17.0	17.0	23.0	29.0	23.0	24.0	21.0	6.0	3.0	-5.0	1.0	-3.0	2.0	9.0	11.0	13.0	14.0	24	29.0
31	10.0	9.0	13.0	9.0	9.0	9.0	9.0	7.0	9.0	8.0	5.0	9.0	10.0	7.0	9.0	11.0	12.0	10.0	9.0	6.0	10.0	10.0	4.0	6.0	24	13.0
NO.:	31	31	31	31	31	31	31	31	31	31	31	28	29	30	31	31	31	31	31	31	31	31	31	31		
MAX:	35.0	35.0	34.0	33.0	33.0	30.0	28.0	36.0	26.0	29.0	52.0	31.0	30.0	29.0	26.0	23.0	19.0	23.0	26.0	28.0	67.0	34.0	38.0	34.0		
AVG:	14.00	14.32	15.16	14.39	15.29	13.87	14.48	15.61	13.65	14.77	17.87	13.68	12.17	11.37	10.94	9.42	8.39	8.87	5.90	8.81	12.97	12.06	12.29	13.19		

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 12.64 MONTHLY MAX: 67.0

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: 37-051-0009 POC: 1
COUNTY: (051) Cumberland
CITY: (22920) Fayetteville
SITE ADDRESS: 4533 RAEFORD RD
SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric sy
MONITOR COMMENTS: ID2=601

STATE: (37) North Carolina
AQCR: (169) SANDHILLS
URBANIZED AREA: (2560) FAYETTEVILLE, NC
LAND USE: RESIDENTIAL
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
COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2017

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	8.3			2.6	BI							
2			4.2									
3											10.5	14.3
4									BI	7.0		
5								6.2				
6		29.0				7.3	10.2					
7	5.3			2.8	4.9							
8			5.0									
9											1.5 V	AM
10									BI	7.6		
11								5.0				
12		14.4				9.1	7.1 HT					
13	11.4			BI	3.0							
14			3.0									
15											8.0	10.7
16									BI	4.6		
17								7.5 6				
18		14.3				7.0	4.1					
19	6.4			BI	7.7							
20			9.5									
21											9.7	6.6
22									11.8 6	8.2		
23								10.9 6				
24		6.4				AS	7.6					
25	7.9			BI	4.0							
26			4.1									
27											8.0	5.4
28									14.0 6	5.8		
29								2.4				
30						6.0	5.0					
31	9.9				8.8							
NO.:	6	4	5	2	5	4	5	5	2	5	5	4
MAX:	11.4	29.0	9.5	2.8	8.8	9.1	10.2	10.9	14.0	8.2	10.5	14.3
MEAN:	8.20	16.03	5.16	2.70	5.68	7.35	6.80	6.40	12.90	6.64	7.54	9.25

ANNUAL OBSERVATIONS: 52 ANNUAL MEAN: 7.73 ANNUAL MAX: 29.0

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: 37-051-0009 POC: 2
COUNTY: (051) Cumberland
CITY: (22920) Fayetteville
SITE ADDRESS: 4533 RAEFORD RD
SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric sy
MONITOR COMMENTS: ID2=602

STATE: (37) North Carolina
AQCR: (169) SANDHILLS
URBANIZED AREA: (2560) FAYETTEVILLE, NC
LAND USE: RESIDENTIAL
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: QA COLLOCATED
COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2017

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												
2												
3											10.3	13.8
4									BI	6.8		
5								AN				
6							10.2					
7												
8												
9											1.3 V	AM
10									AN	7.9		
11								AN				
12							7.5 HT					
13												
14												
15											AN	AN
16									AN	4.5		
17								7.9				
18							4.1					
19												
20								11.2				
21											AN	AN
22									12.0 6	8.5		
23								10.9				
24							AN					
25												
26								9.8 6				
27											AN	AN
28									14.4 6	5.8		
29								2.8 6				
30							AN					
31												
NO.:	0	0	0	0	0	0	3	5	2	5	2	1
MAX:							10.2	11.2	14.4	8.5	10.3	13.8
MEAN:							7.27	8.52	13.20	6.70	5.80	13.80

ANNUAL OBSERVATIONS: 18 ANNUAL MEAN: 8.32 ANNUAL MAX: 14.4

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: 37-051-0009 POC: 3
COUNTY: (051) Cumberland
CITY: (22920) Fayetteville
SITE ADDRESS: 4533 RAEFORD RD
SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric sy
MONITOR COMMENTS: ID2=601

STATE: (37) North Carolina
AQCR: (169) SANDHILLS
URBANIZED AREA: (2560) FAYETTEVILLE, NC
LAND USE: RESIDENTIAL
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: JANUARY 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	5.0	6.0	4.0	8.0	6.0	7.0	8.0	10.0	5.0	5.0	6.0	8.0	10.0	10.0	10.0	8.0	6.0	8.0	8.0	10.0	8.0	6.0	8.0	8.0	24	10.0
2	6.0	8.0	6.0	-1.0	7.0	3.0	1.0	-1.0	4.0	.0	.0	2.0	1.0	.0	2.0	4.0	4.0	6.0	7.0	6.0	7.0	.0	4.0	4.0	24	8.0
3	4.0	3.0	.0	2.0	5.0	-1.0	.0	1.0	-2.0	4.0	-2.0	4.0	3.0	3.0	4.0	4.0	3.0	6.0	5.0	3.0	5.0	5.0	4.0	1.0	24	6.0
4	4.0	3.0	6.0	6.0	5.0	5.0	4.0	7.0	4.0	3.0	4.0	2.0	4.0	4.0	.0	-1.0	.0	2.0	2.0	1.0	1.0	1.0	-1.0	-1.0	24	7.0
5	1.0	1.0	1.0	5.0	1.0	1.0	2.0	2.0	3.0	-1.0	3.0	4.0	1.0	-2.0	3.0	-1.0	1.0	3.0	1.0	7.0	5.0	4.0	4.0	6.0	24	7.0
6	6.0	5.0	7.0	8.0	5.0	9.0	9.0	10.0	5.0	4.0	5.0	6.0	6.0	7.0	9.0	8.0	4.0	8.0	1.0	3.0	4.0	5.0	9.0	4.0	24	10.0
7	.0	4.0	-1.0	4.0	-2.0	4.0	1.0	1.0	2.0	8.0	4.0	1.0	-2.0	3.0	-1.0	4.0	3.0	3.0	4.0	5.0	7.0	6.0	7.0	10.0	24	10.0
8	5.0	5.0	6.0	4.0	8.0	5.0	7.0	5.0	4.0	3.0	1.0	9.0	5.0	4.0	2.0	2.0	3.0	12.0	4.0	6.0	7.0	13.0	29.0	32.0	24	32.0
9	32.0	11.0	8.0	9.0	7.0	10.0	8.0	4.0	6.0	-3.0	6.0	13.0	1.0	7.0	2.0	9.0	6.0	3.0	3.0	4.0	3.0	15.0	10.0	13.0	24	32.0
10	13.0	11.0	11.0	8.0	6.0	9.0	4.0	9.0	5.0	5.0	3.0	8.0	13.0	7.0	7.0	2.0	3.0	3.0	4.0	1.0	6.0	10.0	10.0	6.0	24	13.0
11	6.0	7.0	5.0	5.0	3.0	2.0	5.0	3.0	3.0	6.0	9.0	4.0	6.0	6.0	3.0	AX	BA	2.0	5.0	3.0	5.0	5.0	5.0	1.0	22	9.0
12	3.0	-1.0	.0	1.0	4.0	-2.0	2.0	-1.0	1.0	4.0	-2.0	4.0	5.0	3.0	.0	-1.0	5.0	6.0	3.0	1.0	2.0	4.0	4.0	8.0	24	8.0
13	7.0	8.0	7.0	5.0	32.0	4.0	5.0	5.0	7.0	5.0	11.0	10.0	9.0	9.0	18.0	31.0	28.0	9.0	11.0	9.0	11.0	11.0	13.0	9.0	24	32.0
14	3.0	1.0	4.0	3.0	7.0	2.0	2.0	2.0	1.0	1.0	2.0	-1.0	5.0	8.0	2.0	6.0	7.0	3.0	7.0	8.0	9.0	2.0	11.0	19.0	24	19.0
15	27.0	26.0	17.0	24.0	15.0	20.0	20.0	17.0	16.0	17.0	16.0	16.0	12.0	12.0	5.0	12.0	3.0	6.0	5.0	7.0	7.0	5.0	7.0	5.0	24	27.0
16	7.0	9.0	6.0	4.0	4.0	6.0	4.0	5.0	5.0	8.0	8.0	8.0	2.0	6.0	7.0	7.0	8.0	11.0	14.0	16.0	11.0	11.0	19.0	15.0	24	19.0
17	17.0	15.0	18.0	18.0	15.0	18.0	16.0	19.0	24.0	19.0	19.0	18.0	9.0	12.0	8.0	9.0	15.0	12.0	14.0	12.0	18.0	11.0	8.0	9.0	24	24.0
18	8.0	9.0	9.0	8.0	9.0	12.0	9.0	11.0	12.0	11.0	11.0	9.0	13.0	8.0	5.0	3.0	1.0	12.0	.0	1.0	4.0	5.0	3.0	7.0	24	13.0
19	2.0	1.0	3.0	4.0	2.0	2.0	.0	6.0	2.0	1.0	1.0	6.0	.0	.0	3.0	2.0	3.0	4.0	4.0	9.0	16.0	19.0	15.0	9.0	24	19.0
20	16.0	13.0	12.0	10.0	13.0	13.0	11.0	6.0	6.0	6.0	5.0	4.0	7.0	5.0	6.0	6.0	6.0	5.0	11.0	9.0	11.0	7.0	15.0	9.0	24	16.0
21	16.0	11.0	14.0	12.0	8.0	12.0	11.0	10.0	10.0	10.0	6.0	9.0	12.0	14.0	17.0	15.0	14.0	12.0	11.0	19.0	15.0	13.0	14.0	8.0	24	19.0
22	8.0	5.0	3.0	2.0	4.0	4.0	5.0	5.0	2.0	-2.0	1.0	.0	5.0	3.0	-2.0	8.0	3.0	6.0	4.0	2.0	4.0	6.0	3.0	6.0	24	8.0
23	8.0	1.0	4.0	3.0	-2.0	4.0	-1.0	-2.0	.0	-4.0	-2.0	1.0	4.0	4.0	4.0	-1.0	2.0	1.0	3.0	-1.0	1.0	2.0	1.0	-2.0	24	8.0
24	1.0	-4.0	.0	1.0	-1.0	-1.0	.0	2.0	.0	-2.0	.0	1.0	.0	4.0	.0	.0	-1.0	3.0	4.0	-4.0	-1.0	3.0	.0	1.0	24	4.0
25	.0	3.0	3.0	3.0	3.0	8.0	14.0	18.0	14.0	10.0	8.0	12.0	7.0	5.0	5.0	AX	BA	8.0	6.0	5.0	9.0	8.0	2.0	3.0	22	18.0
26	4.0	6.0	7.0	7.0	7.0	7.0	8.0	7.0	10.0	5.0	9.0	3.0	3.0	2.0	4.0	7.0	5.0	5.0	5.0	8.0	4.0	1.0	12.0	11.0	24	12.0
27	8.0	9.0	1.0	9.0	4.0	4.0	6.0	6.0	1.0	.0	8.0	6.0	8.0	6.0	6.0	12.0	10.0	6.0	7.0	2.0	5.0	17.0	4.0	1.0	24	17.0
28	4.0	2.0	3.0	4.0	1.0	4.0	7.0	4.0	3.0	2.0	6.0	7.0	4.0	-1.0	2.0	3.0	1.0	3.0	3.0	3.0	3.0	11.0	11.0	10.0	24	11.0
29	7.0	3.0	6.0	10.0	9.0	5.0	7.0	7.0	3.0	5.0	8.0	6.0	4.0	3.0	2.0	2.0	1.0	1.0	-1.0	3.0	3.0	4.0	5.0	4.0	24	10.0
30	1.0	3.0	.0	3.0	4.0	2.0	3.0	4.0	-2.0	2.0	3.0	6.0	2.0	6.0	2.0	4.0	1.0	-1.0	1.0	3.0	3.0	2.0	8.0	8.0	24	8.0
31	9.0	7.0	7.0	10.0	8.0	11.0	17.0	11.0	11.0	9.0	11.0	8.0	8.0	13.0	8.0	5.0	8.0	8.0	14.0	8.0	10.0	16.0	13.0	15.0	24	17.0
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	29	29	31	31	31	31	31	31	31		
MAX:	32.0	26.0	18.0	24.0	32.0	20.0	20.0	19.0	24.0	19.0	19.0	18.0	13.0	14.0	18.0	31.0	28.0	12.0	14.0	19.0	18.0	19.0	29.0	32.0		
AVG:	7.68	6.16	5.71	6.42	6.35	6.10	6.29	6.23	5.32	4.55	5.42	6.26	5.39	5.52	4.61	5.83	5.28	5.68	5.48	5.45	6.55	7.35	8.29	7.71		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 6.07 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-051-0009 POC: 3
COUNTY: (051) Cumberland
CITY: (22920) Fayetteville
SITE ADDRESS: 4533 RAEFORD RD
SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric sy
MONITOR COMMENTS: ID2=601

STATE: (37) North Carolina
AQCR: (169) SANDHILLS
URBANIZED AREA: (2560) FAYETTEVILLE, NC
LAND USE: RESIDENTIAL
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: FEBRUARY 2017

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	14.0	17.0	16.0	14.0	17.0	17.0	14.0	14.0	17.0	14.0	12.0	19.0	13.0	12.0	12.0	11.0	21.0	8.0	9.0	6.0	9.0	16.0	17.0	17.0	24	21.0
2	17.0	24.0	20.0	18.0	16.0	17.0	15.0	14.0	17.0	20.0	18.0	22.0	7.0	10.0	11.0	9.0	13.0	20.0	3.0	5.0	6.0	8.0	9.0	11.0	24	24.0
3	13.0	15.0	9.0	10.0	8.0	1.0	5.0	4.0	3.0	6.0	5.0	4.0	5.0	9.0	5.0	7.0	3.0	8.0	8.0	4.0	9.0	5.0	6.0	6.0	24	15.0
4	2.0	-1.0	3.0	.0	.0	5.0	3.0	2.0	-5.0	2.0	5.0	3.0	6.0	3.0	4.0	5.0	2.0	7.0	8.0	4.0	4.0	10.0	12.0	12.0	24	12.0
5	19.0	17.0	24.0	18.0	14.0	19.0	15.0	13.0	14.0	12.0	6.0	11.0	9.0	10.0	9.0	11.0	8.0	8.0	10.0	9.0	15.0	16.0	19.0	21.0	24	24.0
6	22.0IM	15.0IM	28.0IM	52.0IM	54.0IM	49.0IM	67.0IM	88.0IM	115.0IM	78.0IM	20.0IM	11.0IM	9.0IM	10.0IM	11.0IM	10.0IM	10.0IM	4.0IM	17.0IM	4.0IM	6.0IM	10.0IM	14.0IM	14.0IM	24	115.0
7	14.0	12.0	10.0	12.0	14.0	15.0	19.0	16.0	17.0	AX	BA	5.0	20.0	15.0	16.0	16.0	14.0	10.0	10.0	12.0	19.0	13.0	14.0	7.0	22	20.0
8	6.0	11.0	8.0	9.0	12.0	12.0	11.0	11.0	11.0	19.0	9.0	3.0	4.0	8.0	6.0	9.0	7.0	5.0	6.0	6.0	6.0	7.0	10.0	10.0	24	19.0
9	9.0	12.0	11.0	11.0	6.0	-2.0	5.0	2.0	-1.0	.0	.0	2.0	4.0	-3.0	-3.0	5.0	5.0	2.0	6.0	9.0	7.0	14.0	4.0	3.0	24	14.0
10	3.0	4.0	5.0	4.0	7.0	3.0	1.0	6.0	6.0	4.0	.0	8.0	7.0	6.0	7.0	14.0	11.0	10.0	5.0	3.0	11.0	7.0	7.0	8.0	24	14.0
11	3.0	1.0	3.0	6.0	5.0	6.0	2.0	5.0	6.0	9.0	10.0	7.0	10.0	11.0	12.0	12.0	11.0	11.0	9.0	6.0	11.0	17.0	18.0	21.0	24	21.0
12	18.0	14.0	10.0	15.0	16.0	18.0	22.0	18.0	16.0	20.0	15.0	17.0	15.0	17.0	17.0	17.0	13.0	12.0	13.0	9.0	9.0	13.0	10.0	15.0	24	22.0
13	21.0	10.0	5.0	2.0	3.0	4.0	3.0	4.0	-3.0	2.0	.0	1.0	4.0	-1.0	3.0	2.0	5.0	3.0	8.0	3.0	4.0	6.0	9.0	11.0	24	21.0
14	14.0	32.0	43.0	39.0	28.0	22.0	11.0	2.0	-2.0	9.0	9.0	7.0	6.0	8.0	8.0	11.0	15.0	8.0	12.0	14.0	13.0	15.0	15.0	17.0	24	43.0
15	18.0	14.0	19.0	20.0	16.0	17.0	17.0	15.0	21.0	25.0	16.0	4.0	5.0	2.0	6.0	2.0	5.0	5.0	8.0	3.0	4.0	1.0	3.0	5.0	24	25.0
16	4.0	4.0	5.0	6.0	.0	4.0	1.0	7.0	7.0	7.0	2.0	10.0	2.0	-1.0	2.0	2.0	2.0	2.0	10.0	1.0	4.0	3.0	7.0	3.0	24	10.0
17	2.0	7.0	6.0	3.0	7.0	8.0	6.0	8.0	5.0	1.0	9.0	8.0	2.0	11.0	4.0	8.0	7.0	6.0	5.0	1.0	6.0	10.0	12.0	11.0	24	12.0
18	21.0	13.0	17.0	15.0	18.0	12.0	14.0	15.0	5.0	22.0	10.0	11.0	17.0	19.0	16.0	14.0	12.0	17.0	20.0	19.0	25.0	26.0	23.0	17.0	24	26.0
19	18.0	15.0	12.0	14.0	11.0	11.0	10.0	11.0	9.0	12.0	10.0	7.0	10.0	7.0	7.0	9.0	9.0	9.0	6.0	4.0	5.0	16.0	17.0	27.0	24	27.0
20	27.0	16.0	16.0	15.0	13.0	18.0	17.0	15.0	8.0	17.0	15.0	13.0	12.0	8.0	9.0	9.0	9.0	7.0	11.0	5.0	10.0	10.0	12.0	16.0	24	27.0
21	15.0	14.0	14.0	15.0	11.0	10.0	12.0	11.0	8.0	9.0	8.0	12.0	11.0	11.0	9.0	13.0	10.0	15.0	11.0	12.0	9.0	9.0	23.0	16.0	24	23.0
22	15.0	14.0	15.0	13.0	10.0	11.0	9.0	12.0	9.0	14.0	7.0	AZ	BA	-5.0	8.0	5.0	6.0	1.0	9.0	8.0	7.0	6.0	4.0	4.0	22	15.0
23	11.0	9.0	14.0	7.0	9.0	7.0	10.0	7.0	7.0	8.0	9.0	9.0	3.0	5.0	1.0	5.0	8.0	5.0	8.0	2.0	2.0	7.0	5.0	6.0	24	14.0
24	11.0	5.0	6.0	6.0	6.0	5.0	6.0	10.0	4.0	12.0	10.0	8.0	8.0	8.0	3.0	10.0	8.0	8.0	9.0	2.0	4.0	8.0	7.0	9.0	24	12.0
25	13.0	10.0	11.0	13.0	11.0	14.0	12.0	10.0	11.0	8.0	8.0	11.0	10.0	16.0	10.0	11.0	13.0	14.0	8.0	6.0	8.0	7.0	.0	.0	24	16.0
26	4.0	4.0	5.0	3.0	3.0	6.0	4.0	4.0	.0	6.0	5.0	5.0	4.0	6.0	2.0	6.0	5.0	8.0	4.0	2.0	3.0	9.0	9.0	16.0	24	16.0
27	22.0	19.0	16.0	22.0	19.0	16.0	15.0	12.0	4.0	12.0	10.0	10.0	7.0	3.0	7.0	7.0	8.0	13.0	8.0	10.0	10.0	13.0	11.0	7.0	24	22.0
28	8.0	9.0	8.0	9.0	9.0	9.0	10.0	23.0	.0	.0	11.0	15.0	15.0	12.0	9.0	10.0	12.0	9.0	9.0	14.0	14.0	17.0	19.0	18.0	24	23.0
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	27	27	27	27	28	28	28	28	28	28	28	28	28	28	28		
MAX:	27.0	32.0	43.0	52.0	54.0	49.0	67.0	88.0	115.0	78.0	20.0	22.0	20.0	19.0	17.0	17.0	21.0	20.0	20.0	19.0	25.0	26.0	23.0	27.0		
AVG:	13.00	12.00	12.82	13.25	12.25	11.93	12.00	12.82	11.04	12.89	8.85	9.00	8.33	7.75	7.54	8.93	9.00	8.39	8.93	6.54	8.57	10.68	11.29	11.71		

MONTHLY OBSERVATIONS: 668 MONTHLY MEAN: 10.40 MONTHLY MAX: 115.0

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: 37-051-0009 POC: 3
COUNTY: (051) Cumberland
CITY: (22920) Fayetteville
SITE ADDRESS: 4533 RAEFORD RD
SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric SY
MONITOR COMMENTS: ID2=601

STATE: (37) North Carolina
AQCR: (169) SANDHILLS
URBANIZED AREA: (2560) FAYETTEVILLE, NC
LAND USE: RESIDENTIAL
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: MARCH 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	22.0	23.0	17.0	20.0	13.0	16.0	14.0	13.0	15.0	11.0	12.0	14.0	10.0	11.0	13.0	11.0	18.0	9.0	11.0	10.0	10.0	13.0	12.0	19.0	24	23.0
2	3.0	7.0	9.0	8.0	6.0	7.0	3.0	1.0	6.0	4.0	9.0	8.0	4.0	2.0	4.0	5.0	4.0	6.0	5.0	3.0	6.0	8.0	11.0	24.0	24	24.0
3	6.0	7.0	9.0	5.0	8.0	6.0	3.0	3.0	-5.0	12.0	3.0	6.0	3.0	5.0	7.0	5.0	7.0	4.0	6.0	2.0	5.0	2.0	6.0	5.0	24	12.0
4	5.0	7.0	7.0	5.0	8.0	12.0	5.0	6.0	AV	AV	-3.0	9.0	5.0	4.0	2.0	4.0	11.0	8.0	12.0	10.0	8.0	20.0	20.0	20.0	22	20.0
5	24.0	28.0	24.0	27.0	24.0	18.0	20.0	10.0	4.0	6.0	7.0	7.0	7.0	7.0	6.0	16.0	16.0	13.0	8.0	9.0	11.0	14.0	17.0	15.0	24	28.0
6	9.0	13.0	10.0	9.0	11.0	11.0	8.0	10.0	8.0	8.0	13.0	4.0	13.0	21.0	38.0	13.0	17.0	12.0	31.0	26.0	24.0	19.0	14.0	12.0	24	38.0
7	10.0	14.0	12.0	12.0	15.0	18.0	16.0	14.0	10.0	13.0	12.0	11.0	7.0	8.0	11.0	13.0	12.0	11.0	10.0	12.0	10.0	8.0	9.0	7.0	24	18.0
8	6.0	6.0	9.0	6.0	9.0	8.0	13.0	11.0	15.0	7.0	3.0	2.0	9.0	7.0	9.0	11.0	6.0	2.0	6.0	9.0	7.0	8.0	11.0	10.0	24	15.0
9	13.0	11.0	14.0	10.0	15.0	8.0	13.0	15.0	9.0	8.0	11.0	8.0	5.0	6.0	6.0	AX	BA	4.0	4.0	6.0	6.0	6.0	3.0	2.0	22	15.0
10	4.0	9.0	10.0	10.0	13.0	13.0	13.0	15.0	22.0	16.0	15.0	12.0	12.0	11.0	8.0	2.0	3.0	2.0	2.0	1.0	-4.0	-1.0	-1.0	.0	24	22.0
11	2.0	3.0	5.0	-1.0	3.0	2.0	4.0	1.0	5.0	9.0	3.0	3.0	4.0	2.0	5.0	2.0	7.0	2.0	4.0	5.0	10.0	7.0	11.0	20.0	24	20.0
12	10.0	9.0	14.0	18.0	3.0	6.0	7.0	2.0	.0	3.0	4.0	4.0	6.0	5.0	5.0	8.0	4.0	6.0	6.0	7.0	8.0	12.0	13.0	13.0	24	18.0
13	16.0	20.0	16.0	17.0	11.0	12.0	7.0	8.0	8.0	7.0	12.0	12.0	3.0	8.0	11.0	12.0	11.0	10.0	12.0	12.0	12.0	9.0	3.0	5.0	24	20.0
14	-3.0	2.0	2.0	1.0	1.0	.0	1.0	-1.0	1.0	4.0	-2.0	3.0	8.0	6.0	6.0	.0	.0	5.0	2.0	3.0	5.0	3.0	2.0	3.0	24	8.0
15	4.0	1.0	3.0	3.0	5.0	4.0	7.0	2.0	6.0	9.0	4.0	3.0	4.0	3.0	4.0	6.0	5.0	4.0	3.0	6.0	5.0	2.0	4.0	3.0	24	9.0
16	3.0	6.0	2.0	3.0	3.0	5.0	3.0	1.0	2.0	12.0	12.0	6.0	5.0	5.0	5.0	11.0	11.0	12.0	17.0	9.0	5.0	8.0	10.0	11.0	24	17.0
17	12.0	14.0	19.0	18.0	19.0	14.0	13.0	AV	AV	11.0	11.0	8.0	8.0	6.0	9.0	7.0	8.0	8.0	8.0	13.0	11.0	6.0	10.0	8.0	22	19.0
18	10.0	13.0	18.0	13.0	14.0	15.0	14.0	14.0	15.0	17.0	12.0	15.0	19.0	20.0	21.0	23.0	25.0	20.0	28.0	16.0	11.0	14.0	14.0	12.0	24	28.0
19	12.0	6.0	6.0	4.0	.0	.0	3.0	2.0	1.0	4.0	3.0	-1.0	1.0	4.0	1.0	3.0	2.0	4.0	6.0	2.0	2.0	6.0	7.0	8.0	24	12.0
20	7.0	11.0	12.0	9.0	10.0	12.0	7.0	2.0	7.0	11.0	8.0	7.0	5.0	4.0	5.0	12.0	18.0	17.0	16.0	5.0	6.0	13.0	14.0	15.0	24	18.0
21	15.0	13.0	12.0	12.0	9.0	11.0	9.0	10.0	11.0	15.0	18.0	23.0	18.0	19.0	19.0	19.0	22.0	25.0	24.0	27.0	23.0	22.0	22.0	39.0	24	39.0
22	12.0	13.0	14.0	15.0	8.0	7.0	5.0	4.0	1.0	9.0	7.0	6.0	6.0	8.0	AX	BA	8.0	4.0	6.0	.0	.0	4.0	1.0	4.0	22	15.0
23	4.0	5.0	6.0	9.0	2.0	5.0	3.0	5.0	4.0	9.0	8.0	6.0	7.0	5.0	3.0	5.0	9.0	4.0	9.0	5.0	4.0	7.0	10.0	8.0	24	10.0
24	7.0	6.0	8.0	11.0	12.0	13.0	14.0	12.0	15.0	12.0	10.0	7.0	11.0	7.0	8.0	4.0	6.0	8.0	9.0	10.0	9.0	6.0	2.0	3.0	24	15.0
25	2.0	2.0	6.0	6.0	4.0	6.0	8.0	2.0	6.0	8.0	8.0	8.0	4.0	5.0	7.0	7.0	8.0	9.0	4.0	8.0	6.0	4.0	4.0	5.0	24	9.0
26	5.0	4.0	5.0	4.0	1.0	5.0	8.0	AV	AV	1.0	4.0	11.0	3.0	7.0	3.0	6.0	4.0	2.0	8.0	.0	2.0	4.0	4.0	3.0	22	11.0
27	1.0	1.0	2.0	4.0	3.0	2.0	6.0	3.0	2.0	9.0	5.0	6.0	12.0	9.0	7.0	5.0	11.0	5.0	4.0	9.0	7.0	7.0	-2.0	6.0	24	12.0
28	2.0	5.0	7.0	.0	5.0	5.0	4.0	7.0	2.0	8.0	4.0	7.0	9.0	11.0	10.0	15.0	12.0	7.0	9.0	3.0	5.0	9.0	6.0	7.0	24	15.0
29	3.0	6.0	5.0	5.0	3.0	5.0	2.0	1.0	9.0	9.0	8.0	6.0	6.0	9.0	3.0	6.0	6.0	16.0	10.0	14.0	6.0	9.0	9.0	13.0	24	16.0
30	7.0	6.0	8.0	7.0	9.0	7.0	9.0	8.0	6.0	8.0	8.0	8.0	8.0	6.0	9.0	4.0	10.0	6.0	5.0	5.0	5.0	7.0	7.0	2.0	24	10.0
31	2.0	4.0	12.0	8.0	9.0	5.0	4.0	2.0	1.0	4.0	2.0	10.0	10.0	9.0	.0	9.0	6.0	3.0	2.0	7.0	8.0	.0	2.0	-2.0	24	12.0
NO.:	31	31	31	31	31	31	31	29	28	30	31	31	31	31	30	29	30	31	31	31	31	31	31	31		
MAX:	24.0	28.0	24.0	27.0	24.0	18.0	20.0	15.0	22.0	17.0	18.0	23.0	19.0	21.0	38.0	23.0	25.0	25.0	31.0	27.0	24.0	22.0	22.0	39.0		
AVG:	7.58	8.87	9.77	8.97	8.26	8.32	7.94	6.31	6.64	8.80	7.45	7.71	7.48	7.74	8.17	8.41	9.57	8.00	9.26	8.19	7.52	8.26	8.23	9.68		

MONTHLY OBSERVATIONS: 734 MONTHLY MEAN: 8.22 MONTHLY MAX: 39.0

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: 37-051-0009 POC: 3
COUNTY: (051) Cumberland
CITY: (22920) Fayetteville
SITE ADDRESS: 4533 RAEFORD RD
SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric sy
MONITOR COMMENTS: ID2=601

STATE: (37) North Carolina
AQCR: (169) SANDHILLS
URBANIZED AREA: (2560) FAYETTEVILLE, NC
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
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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: APRIL 2017

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

DAY	HOUR 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	1.0	1.0	1.0	1.0	1.0	.0	1.0	4.0	.0	1.0	1.0	2.0	4.0	2.0	4.0	4.0	2.0	2.0	5.0	3.0	2.0	4.0	6.0	24	6.0
2	4.0	2.0	1.0	1.0	1.0	.0	1.0	2.0	3.0	6.0	.0	4.0	7.0	5.0	5.0	3.0	3.0	2.0	2.0	8.0	4.0	5.0	7.0	8.0	24	8.0
3	3.0	4.0	5.0	5.0	5.0	3.0	4.0	3.0	.0	4.0	7.0	9.0	8.0	4.0	12.0	2.0	10.0	1.0	10.0	3.0	3.0	4.0	3.0	5.0	24	12.0
4	4.0	4.0	4.0	6.0	4.0	4.0	5.0	5.0	8.0	AX	AX	AX	BA	BA	BA	BF	BF	9.0	13.0	3.0	2.0	6.0	9.0	5.0	16	13.0
5	12.0	10.0	12.0	12.0	12.0	13.0	14.0	13.0	17.0	18.0	22.0	15.0	16.0	16.0	20.0	18.0	22.0	14.0	11.0	9.0	13.0	9.0	13.0	8.0	24	22.0
6	8.0	6.0	6.0	6.0	8.0	8.0	7.0	5.0	5.0	3.0	5.0	BA	BA	BA	7.0	3.0	3.0	-1.0	.0	1.0	-3.0	5.0	1.0	-3.0	21	8.0
7	1.0	3.0	3.0	-2.0	.0	.0	3.0	4.0	6.0	4.0	4.0	1.0	2.0	5.0	5.0	1.0	4.0	2.0	.0	1.0	1.0	4.0	2.0	1.0	24	6.0
8	4.0	6.0	-1.0	8.0	5.0	6.0	6.0	5.0	14.0	12.0	9.0	4.0	7.0	6.0	3.0	7.0	4.0	-1.0	1.0	10.0	3.0	14.0	18.0	26.0	24	26.0
9	33.0	27.0	45.0	42.0	32.0	31.0	29.0	22.0	23.0	14.0	8.0	11.0	7.0	7.0	8.0	10.0	7.0	5.0	-1.0	5.0	.0	7.0	3.0	4.0	24	45.0
10	9.0	8.0	4.0	5.0	6.0	21.0	15.0	12.0	10.0	9.0	13.0	7.0	5.0	5.0	4.0	-1.0	3.0	3.0	2.0	4.0	1.0	5.0	4.0	2.0	24	21.0
11	1.0	3.0	5.0	1.0	3.0	2.0	5.0	1.0	11.0	7.0	2.0	BA	BA	17.0	8.0	11.0	9.0	7.0	4.0	.0	4.0	5.0	3.0	-1.0	22	17.0
12	4.0	6.0	4.0	5.0	9.0	8.0	BA	BA	2.0	10.5	7.9	12.8	8.5	10.1	11.1	10.7	13.0	8.9	5.8	5.4	10.9	10.5	14.2	10.4	22	14.2
13	9.6	8.9	8.2	11.4	8.5	11.7	11.1	13.7	21.3	14.9	14.2	17.7	16.7	16.1	16.8	13.2	13.9	9.4	14.7	13.2	7.9	9.8	8.9	9.3	24	21.3
14	11.8	8.3	6.8	4.7	6.2	8.0	5.8	5.4	13.6	12.1	9.7	10.7	8.3	12.7	14.8	13.9	8.7	6.6	6.1	4.0	9.5	16.8	12.3	8.4	24	16.8
15	6.2	6.3	3.7	4.8	4.4	5.6	7.7	8.8	10.9	12.9	10.6	10.1	9.3	10.1	9.2	11.4	8.5	6.4	9.3	3.0	5.3	7.6	7.2	8.6	24	12.9
16	10.0	9.4	12.1	11.0	9.8	8.4	7.4	10.2	13.0	12.8	14.0	13.5	11.0	11.9	8.1	12.8	9.6	8.6	12.4	5.7	9.0	10.0	14.2	11.9	24	14.2
17	7.7	9.5	7.8	10.8	7.8	8.8	8.3	8.8	11.0	10.3	AX	BA	14.1	12.5	15.1	12.2	14.1	9.2	8.7	8.3	9.9	1.8	9.3	5.6	22	15.1
18	6.4	11.0	12.0	11.7	12.8	11.5	9.1	9.0	5.8	BA	BA	BA	BA	8.0	13.0	11.0	11.0	9.0	7.0	6.0	8.0	6.0	6.0	5.0	20	13.0
19	5.0	7.0	6.0	5.0	5.0	6.0	6.0	6.0	7.0	10.0	8.0	4.0	15.0	6.0	11.0	14.0	17.0	10.0	15.0	7.0	12.0	12.0	8.0	9.0	24	17.0
20	11.0	7.0	8.0	8.0	9.0	10.0	10.0	14.0	11.0	13.0	15.0	16.0	17.0	17.0	14.0	14.0	13.0	13.0	12.0	5.0	11.0	16.0	20.0	20.0	24	20.0
21	16.0	16.0	14.0	16.0	17.0	14.0	11.0	8.0	14.0	13.0	15.0	14.0	16.0	16.0	7.0	19.0	12.0	15.0	15.0	13.0	12.0	11.0	11.0	13.0	24	19.0
22	15.0	13.0	11.0	10.0	8.0	6.0	5.0	5.0	14.0	9.0	16.0	14.0	15.0	11.0	13.0	16.0	18.0	6.0	9.0	5.0	8.0	3.0	-1.0	-1.0	24	18.0
23	1.0	2.0	2.0	5.0	1.0	1.0	2.0	7.0	4.0	8.0	3.0	8.0	4.0	6.0	4.0	12.0	2.0	3.0	8.0	6.0	7.0	7.0	6.0	5.0	24	12.0
24	7.0	6.0	7.0	7.0	5.0	6.0	4.0	1.0	3.0	4.0	1.0	3.0	.0	2.0	3.0	2.0	2.0	.0	3.0	2.0	1.0	2.0	2.0	1.0	24	7.0
25	4.0	4.0	4.0	5.0	3.0	-1.0	1.0	6.0	1.0	-1.0	7.0	1.0	-1.0	8.0	4.0	10.0	5.0	-1.0	8.0	2.0	.0	4.0	.0	4.0	24	10.0
26	2.0	.0	3.0	.0	4.0	6.0	2.0	3.0	8.0	2.0	9.0	6.0	11.0	9.0	5.0	8.0	11.0	10.0	10.0	8.0	4.0	12.0	13.0	13.0	24	13.0
27	15.0	10.0	7.0	5.0	9.0	4.0	8.0	9.0	15.0	12.0	21.0	17.0	10.0	11.0	9.0	7.0	18.0	13.0	8.0	10.0	8.0	11.0	10.0	8.0	24	21.0
28	11.0	7.0	10.0	11.0	10.0	13.0	11.0	12.0	15.0	17.0	18.0	21.0	18.0	21.0	17.0	14.0	16.0	9.0	15.0	15.0	7.0	15.0	14.0	13.0	24	21.0
29	15.0	16.0	16.0	16.0	16.0	16.0	11.0	14.0	18.0	15.0	12.0	15.0	13.0	14.0	11.0	14.0	13.0	9.0	9.0	8.0	5.0	8.0	9.0	7.0	24	18.0
30	9.0	8.0	6.0	7.0	9.0	8.0	7.0	11.0	8.0	7.0	11.0	5.0	9.0	2.0	5.0	2.0	11.0	7.0	6.0	.0	1.0	3.0	8.0	4.0	24	11.0
31																									0	
NO.:	30	30	30	30	30	30	29	29	30	28	27	25	26	28	29	29	29	30	30	30	30	30	30	30		
MAX:	33.0	27.0	45.0	42.0	32.0	31.0	29.0	22.0	23.0	18.0	22.0	21.0	18.0	21.0	20.0	19.0	22.0	15.0	15.0	15.0	13.0	16.8	20.0	26.0		
AVG:	8.19	7.65	7.79	7.98	7.72	8.00	7.46	7.76	9.89	9.27	9.76	9.63	9.57	9.76	9.14	9.49	9.86	6.50	7.53	5.85	5.58	7.75	7.97	7.21		

MONTHLY OBSERVATIONS: 699 MONTHLY MEAN: 8.19 MONTHLY MAX: 45.0

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: 37-051-0009 POC: 3
COUNTY: (051) Cumberland
CITY: (22920) Fayetteville
SITE ADDRESS: 4533 RAEFORD RD
SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric sy
MONITOR COMMENTS: ID2=601

STATE: (37) North Carolina
AQCR: (169) SANDHILLS
URBANIZED AREA: (2560) FAYETTEVILLE, NC
LAND USE: RESIDENTIAL
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: MAY 2017

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

DAY	HOUR 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	3.0	6.0	6.0	5.0	8.0	2.0	8.0	7.0	10.0	5.0	5.0	10.0	8.0	8.0	8.0	15.0	6.0	6.0	5.0	4.0	7.0	1.0	2.0	24	15.0
2	5.0	4.0	5.0	7.0	4.0	7.0	8.0	10.0	8.0	10.0	9.0	9.0	7.0	8.0	11.0	9.0	14.0	24.0	12.0	5.0	2.0	3.0	6.0	7.0	24	24.0
3	3.0	9.0	8.0	7.0	8.0	12.0	8.0	8.0	11.0	10.0	8.0	AX	BA	7.0	12.0	6.0	11.0	7.0	7.0	-2.0	.0	4.0	10.0	13.0	22	13.0
4	9.0	9.0	12.0	10.0	7.0	6.0	6.0	10.0	10.0	12.0	12.0	11.0	10.0	10.0	-1.0	12.0	3.0	3.0	3.0	2.0	4.0	6.0	7.0	9.0	24	12.0
5	2.0	.0	6.0	6.0	8.0	-2.0	3.0	5.0	10.0	4.0	14.0	3.0	13.0	7.0	11.0	3.0	7.0	4.0	-1.0	-1.0	.0	2.0	2.0	5.0	24	14.0
6	4.0	4.0	5.0	2.0	4.0	4.0	5.0	4.0	5.0	4.0	1.0	2.0	6.0	3.0	8.0	11.0	6.0	6.0	4.0	7.0	4.0	2.0	4.0	4.0	24	11.0
7	4.0	5.0	3.0	4.0	2.0	8.0	-1.0	8.0	12.0	12.0	9.0	4.0	4.0	8.0	12.0	11.0	3.0	9.0	8.0	5.0	5.0	3.0	7.0	4.0	24	12.0
8	3.0	7.0	6.0	9.0	8.0	12.0	6.0	3.0	17.0	17.0	8.0	12.0	6.0	7.0	7.0	5.0	6.0	8.0	3.0	6.0	3.0	1.0	2.0	8.0	24	17.0
9	9.0	15.0	10.0	10.0	8.0	11.0	11.0	8.0	5.0	7.0	4.0	9.0	7.0	8.0	8.0	8.0	12.0	9.0	14.0	2.0	8.0	11.0	11.0	9.0	24	15.0
10	14.0	10.0	8.0	13.0	13.0	15.0	11.0	9.0	12.0	15.0	18.0	12.0	23.0	18.0	14.0	21.0	21.0	19.0	24.0	26.0	7.0	19.0	21.0	24.0	24	26.0
11	25.0	26.0	22.0	20.0	19.0	24.0	22.0	23.0	28.0	24.0	24.0	26.0	23.0	20.0	20.0	12.0	20.0	19.0	14.0	11.0	13.0	15.0	15.0	18.0	24	28.0
12	21.0	12.0	10.0	10.0	4.0	.0	5.0	3.0	4.0	3.0	2.0	3.0	9.0	5.0	10.0	4.0	12.0	8.0	4.0	7.0	8.0	8.0	10.0	9.0	24	21.0
13	7.0	7.0	5.0	-1.0	2.0	-1.0	3.0	1.0	1.0	1.0	3.0	7.0	6.0	10.0	9.0	8.0	5.0	6.0	3.0	3.0	2.0	1.0	4.0	6.0	24	10.0
14	7.0	7.0	3.0	5.0	6.0	7.0	4.0	7.0	13.0	13.0	12.0	10.0	7.0	7.0	10.0	10.0	9.0	8.0	10.0	6.0	4.0	7.0	6.0	11.0	24	13.0
15	8.0	10.0	7.0	11.0	5.0	9.0	8.0	11.0	16.0	15.0	16.0	9.0	14.0	16.0	13.0	17.0	24.0	16.0	15.0	19.0	17.0	22.0	21.0	19.0	24	24.0
16	21.0	23.0	23.0	21.0	21.0	19.0	19.0	20.0	21.0	20.0	21.0	18.0	18.0	12.0	11.0	17.0	19.0	20.0	22.0	15.0	4.0	16.0	15.0	17.0	24	23.0
17	17.0	16.0	20.0	16.0	14.0	13.0	9.0	9.0	13.0	10.0	10.0	AZ	BA	17.0	13.0	13.0	11.0	8.0	10.0	6.0	8.0	8.0	13.0	15.0	22	20.0
18	8.0	11.0	8.0	9.0	14.0	9.0	9.0	11.0	15.0	19.0	11.0	13.0	13.0	13.0	15.0	12.0	9.0	15.0	12.0	4.0	14.0	12.0	9.0	8.0	24	19.0
19	10.0	7.0	5.0	7.0	6.0	9.0	10.0	8.0	10.0	11.0	10.0	14.0	9.0	11.0	16.0	15.0	13.0	12.0	8.0	2.0	6.0	8.0	8.0	12.0	24	16.0
20	11.0	14.0	11.0	12.0	14.0	14.0	10.0	12.0	14.0	16.0	16.0	18.0	17.0	13.0	17.0	9.0	124.0	77.0	14.0	7.0	9.0	17.0	21.0	15.0	24	124.0
21	12.0	18.0	27.0	21.0	12.0	13.0	14.0	9.0	10.0	11.0	11.0	9.0	11.0	19.0	16.0	16.0	8.0	12.0	11.0	19.0	9.0	9.0	10.0	10.0	24	27.0
22	9.0	7.0	13.0	10.0	9.0	12.0	8.0	12.0	11.0	12.0	13.0	9.0	14.0	6.0	7.0	6.0	9.0	6.0	15.0	1.0	10.0	-2.0	6.0	8.0	24	15.0
23	7.0	8.0	7.0	8.0	8.0	10.0	9.0	5.0	3.0	4.0	1.0	7.0	6.0	6.0	4.0	12.0	2.0	5.0	6.0	7.0	2.0	5.0	7.0	4.0	24	12.0
24	-1.0	4.0	7.0	4.0	3.0	5.0	2.0	1.0	5.0	13.0	3.0	12.0	6.0	10.0	10.0	9.0	10.0	3.0	4.0	9.0	8.0	11.0	8.0	1.0	24	13.0
25	4.0	7.0	4.0	9.0	6.0	4.0	3.0	5.0	7.0	8.0	4.0	4.0	4.0	7.0	6.0	9.0	5.0	8.0	2.0	3.0	5.0	8.0	7.0	7.0	24	9.0
26	5.0	8.0	8.0	10.0	8.0	10.0	5.0	10.0	12.0	16.0	14.0	12.0	9.0	7.0	12.0	12.0	11.0	8.0	12.0	10.0	11.0	12.0	17.0	14.0	24	17.0
27	17.0	17.0	17.0	13.0	13.0	14.0	11.0	15.0	20.0	15.0	22.0	20.0	16.0	16.0	17.0	16.0	15.0	14.0	18.0	14.0	9.0	16.0	16.0	17.0	24	22.0
28	18.0	20.0	21.0	19.0	22.0	17.0	21.0	20.0	21.0	25.0	22.0	16.0	15.0	9.0	11.0	10.0	7.0	5.0	8.0	15.0	6.0	14.0	12.0	17.0	24	25.0
29	17.0	15.0	16.0	17.0	11.0	9.0	9.0	14.0	14.0	17.0	12.0	10.0	10.0	8.0	10.0	11.0	12.0	7.0	11.0	9.0	63.0	85.0	-2.0	13.0	24	85.0
30	5.0	11.0	9.0	14.0	10.0	11.0	10.0	11.0	12.0	11.0	16.0	12.0	15.0	7.0	11.0	9.0	12.0	14.0	11.0	6.0	10.0	12.0	14.0	11.0	24	16.0
31	15.0	13.0	11.0	14.0	14.0	13.0	13.0	14.0	11.0	20.0	13.0	13.0	16.0	17.0	22.0	7.0	5.0	8.0	13.0	12.0	10.0	12.0	17.0	17.0	24	22.0
NO.:	31	31	31	31	31	31	31	31	31	31	31	29	29	31	31	31	31	31	31	31	31	31	31	31		
MAX:	25.0	26.0	27.0	21.0	22.0	24.0	22.0	23.0	28.0	25.0	24.0	26.0	23.0	20.0	22.0	21.0	124.0	77.0	24.0	26.0	63.0	85.0	21.0	24.0		
AVG:	9.74	10.55	10.42	10.42	9.29	9.74	8.48	9.48	11.55	12.42	11.10	10.66	11.17	10.32	11.29	10.58	14.19	12.06	9.77	7.74	8.55	11.42	9.84	10.77		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 10.48 MONTHLY MAX: 124.0

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: 37-051-0009 POC: 3
COUNTY: (051) Cumberland
CITY: (22920) Fayetteville
SITE ADDRESS: 4533 RAEFORD RD
SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric SY
MONITOR COMMENTS: ID2=601

STATE: (37) North Carolina
AQCR: (169) SANDHILLS
URBANIZED AREA: (2560) FAYETTEVILLE, NC
LAND USE: RESIDENTIAL
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: JUNE 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	21.0	22.0	20.0	22.0	19.0	24.0	20.0	-4.0	.0	29.0	16.0	22.0	19.0	15.0	AX	BA	13.0	10.0	10.0	12.0	8.0	14.0	10.0	16.0	22	29.0
2	19.0	20.0	18.0	17.0	19.0	15.0	18.0	16.0	15.0	19.0	15.0	8.0	8.0	8.0	10.0	11.0	13.0	8.0	9.0	6.0	3.0	8.0	9.0	7.0	24	20.0
3	15.0	15.0	14.0	19.0	28.0	18.0	21.0	23.0	21.0	14.0	22.0	15.0	14.0	11.0	12.0	9.0	9.0	19.0	12.0	5.0	12.0	13.0	10.0	13.0	24	28.0
4	16.0	18.0	17.0	18.0	18.0	19.0	19.0	23.0	19.0	21.0	12.0	23.0	17.0	12.0	15.0	9.0	5.0	10.0	15.0	6.0	3.0	7.0	7.0	10.0	24	23.0
5	9.0	9.0	7.0	6.0	8.0	8.0	7.0	6.0	9.0	9.0	11.0	7.0	8.0	18.0	3.0	14.0	8.0	11.0	10.0	3.0	5.0	-4.0	-2.0	5.0	24	18.0
6	3.0	2.0	5.0	6.0	2.0	4.0	3.0	2.0	7.0	8.0	9.0	9.0	10.0	14.0	16.0	15.0	16.0	14.0	3.0	13.0	12.0	11.0	11.0	AV	23	16.0
7	AV	5.0	15.0	13.0	12.0	10.0	11.0	11.0	6.0	7.0	11.0	8.0	15.0	11.0	11.0	6.0	13.0	15.0	10.0	13.0	12.0	8.0	4.0	3.0	23	15.0
8	1.0	5.0	5.0	.0	5.0	4.0	5.0	AV	AV	AV	7.0	7.0	8.0	7.0	10.0	1.0	10.0	3.0	9.0	4.0	3.0	2.0	8.0	7.0	21	10.0
9	6.0	8.0	11.0	14.0	10.0	10.0	8.0	12.0	16.0	14.0	11.0	8.0	10.0	11.0	7.0	12.0	9.0	14.0	10.0	6.0	7.0	7.0	13.0	10.0	24	16.0
10	12.0	10.0	10.0	8.0	15.0	12.0	7.0	10.0	13.0	17.0	11.0	14.0	14.0	15.0	12.0	16.0	13.0	16.0	7.0	10.0	7.0	12.0	12.0	9.0	24	17.0
11	7.0	7.0	7.0	6.0	7.0	8.0	9.0	11.0	11.0	14.0	12.0	12.0	10.0	10.0	10.0	6.0	14.0	10.0	14.0	14.0	3.0	10.0	6.0	10.0	24	14.0
12	9.0	10.0	7.0	9.0	12.0	8.0	10.0	14.0	16.0	13.0	14.0	19.0	18.0	13.0	14.0	18.0	12.0	13.0	13.0	23.0	10.0	14.0	13.0	11.0	24	23.0
13	10.0	14.0	12.0	14.0	14.0	11.0	13.0	14.0	19.0	17.0	16.0	16.0	14.0	16.0	18.0	13.0	12.0	13.0	15.0	11.0	16.0	18.0	14.0	16.0	24	19.0
14	18.0	18.0	19.0	15.0	15.0	13.0	11.0	13.0	11.0	16.0	16.0	23.0	14.0	17.0	8.0	33.0	18.0	14.0	4.0	4.0	15.0	15.0	15.0	14.0	24	33.0
15	17.0	15.0	14.0	18.0	17.0	9.0	13.0	15.0	19.0	AX	BA	27.0	24.0	16.0	20.0	6.0	19.0	11.0	9.0	5.0	8.0	5.0	7.0	9.0	22	27.0
16	10.0	9.0	8.0	11.0	9.0	11.0	10.0	12.0	7.0	15.0	12.0	9.0	10.0	10.0	7.0	13.0	18.0	5.0	17.0	-4.0	.0	5.0	5.0	9.0	24	18.0
17	7.0	9.0	7.0	7.0	9.0	7.0	5.0	7.0	10.0	7.0	7.0	13.0	4.0	6.0	6.0	10.0	14.0	5.0	-4.0	2.0	4.0	7.0	6.0	7.0	24	14.0
18	9.0	7.0	13.0	8.0	9.0	9.0	8.0	5.0	11.0	8.0	11.0	13.0	10.0	10.0	9.0	7.0	6.0	4.0	8.0	5.0	-1.0	4.0	4.0	5.0	24	13.0
19	7.0	7.0	11.0	9.0	10.0	6.0	6.0	12.0	12.0	11.0	12.0	18.0	13.0	9.0	13.0	1.0	-3.0	15.0	-2.0	5.0	9.0	10.0	11.0	7.0	24	18.0
20	12.0	13.0	11.0	11.0	13.0	5.0	4.0	5.0	5.0	8.0	7.0	4.0	6.0	4.0	10.0	10.0	7.0	8.0	5.0	10.0	12.0	4.0	7.0	7.0	24	13.0
21	7.0	4.0	6.0	5.0	5.0	4.0	2.0	7.0	4.0	.0	7.0	6.0	8.0	8.0	5.0	6.0	9.0	2.0	5.0	9.0	2.0	.0	-1.0	4.0	24	9.0
22	10.0	6.0	9.0	6.0	7.0	5.0	8.0	9.0	10.0	13.0	14.0	11.0	11.0	13.0	5.0	5.0	9.0	7.0	4.0	9.0	7.0	6.0	9.0	8.0	24	14.0
23	8.0	11.0	11.0	15.0	13.0	11.0	9.0	8.0	12.0	10.0	10.0	15.0	12.0	15.0	20.0	12.0	19.0	14.0	15.0	17.0	13.0	15.0	9.0	6.0	24	20.0
24	7.0	7.0	7.0	10.0	12.0	10.0	7.0	13.0	7.0	12.0	11.0	13.0	9.0	7.0	.0	12.0	6.0	-4.0	2.0	2.0	2.0	5.0	3.0	5.0	24	13.0
25	2.0	5.0	4.0	4.0	6.0	8.0	8.0	8.0	10.0	8.0	9.0	11.0	9.0	8.0	8.0	9.0	6.0	8.0	9.0	2.0	6.0	12.0	7.0	15.0	24	15.0
26	11.0	12.0	11.0	11.0	9.0	8.0	6.0	10.0	10.0	10.0	9.0	7.0	8.0	9.0	8.0	6.0	10.0	14.0	10.0	8.0	2.0	5.0	12.0	12.0	24	14.0
27	17.0	17.0	15.0	21.0	16.0	19.0	26.0	BA	BA	13.0	20.0	1.0	11.0	7.0	9.0	14.0	.0	16.0	.0	8.0	6.0	3.0	8.0	9.0	22	26.0
28	7.0	9.0	10.0	7.0	9.0	10.0	6.0	16.0	12.0	12.0	12.0	6.0	9.0	7.0	8.0	6.0	1.0	8.0	7.0	8.0	AV	AV	6.0	AV	21	16.0
29	13.0	8.0	14.0	9.0	7.0	11.0	9.0	9.0	10.0	10.0	15.0	7.0	8.0	10.0	11.0	14.0	AV	16.0	AJ	AJ	AJ	AJ	AJ	AJ	17	16.0
30	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	1.0	2.0	4.0	7.0	3.0	-1.0	5.0	-2.0	2.0	-1.0	2.0	4.0	12	7.0
31																									0	
NO.:	28	29	29	29	29	29	29	27	27	27	28	29	30	30	29	29	29	30	29	29	28	28	29	27		
MAX:	21.0	22.0	20.0	22.0	28.0	24.0	26.0	23.0	21.0	29.0	22.0	27.0	24.0	18.0	20.0	33.0	19.0	19.0	17.0	23.0	16.0	18.0	15.0	16.0		
AVG:	10.36	10.41	10.97	11.00	11.55	10.24	9.97	10.63	11.19	12.41	12.11	12.14	11.07	10.63	9.97	10.38	9.97	9.93	7.97	7.38	6.71	7.68	7.76	8.81		

MONTHLY OBSERVATIONS: 687 MONTHLY MEAN: 10.05 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-051-0009 POC: 3
COUNTY: (051) Cumberland
CITY: (22920) Fayetteville
SITE ADDRESS: 4533 RAEFORD RD
SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric sy
MONITOR COMMENTS: ID2=601

STATE: (37) North Carolina
AQCR: (169) SANDHILLS
URBANIZED AREA: (2560) FAYETTEVILLE, NC
LAND USE: RESIDENTIAL
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: JULY 2017

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

DAY	HOUR 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	3.0	7.0	2.0	4.0	3.0	4.0	6.0	4.0	5.0	5.0	6.0	8.0	11.0	5.0	5.0	8.0	9.0	13.0	6.0	9.0	.0	3.0	10.0	11.0	24	13.0
2	11.0	6.0	10.0	7.0	5.0	10.0	5.0	8.0	10.0	10.0	9.0	8.0	5.0	8.0	8.0	11.0	10.0	5.0	AJ	10.0	AJ	5.0	11.0	16.0	22	16.0
3	14.0	18.0	17.0	18.0	16.0	14.0	16.0	15.0	14.0	16.0	11.0	18.0	12.0	11.0	13.0	AJ	-2.0	9.0	8.0	9.0	6.0	7.0	9.0	13.0	23	18.0
4	20.0	6.0	11.0	11.0	10.0	11.0	7.0	11.0	3.0	10.0	8.0	10.0	15.0	11.0	2.0	10.0	10.0	11.0	8.0	9.0	AJ	34.0	76.0	73.0	23	76.0
5	33.0	27.0	20.0	19.0	16.0	11.0	8.0	12.0	13.0	18.0	12.0	17.0	11.0	15.0	11.0	8.0	10.0	AJ	14.0	AJ	15.0	AJ	11.0	10.0	21	33.0
6	10.0	7.0	11.0	8.0	7.0	8.0	7.0	8.0	10.0	11.0	11.0	6.0	16.0	18.0	18.0	AJ	21.0	AJ	AJ	19.0	AJ	5.0	14.0	13.0	20	21.0
7	14.0	9.0	8.0	5.0	7.0	8.0	4.0	11.0	AX	BA	12.0	14.0	9.0	AJ	13.0	AJ	15.0	11.0	AJ	14.0	AJ	7.0	7.0	AJ	17	15.0
8	14.0	13.0	8.0	10.0	12.0	7.0	6.0	7.0	10.0	11.0	11.0	14.0	11.0	7.0	11.0	8.0	9.0	7.0	AJ	14.0	AJ	3.0	AJ	7.0	21	14.0
9	4.0	10.0	6.0	6.0	3.0	6.0	4.0	8.0	11.0	9.0	2.0	13.0	8.0	4.0	9.0	9.0	AJ	24.0	AJ	10.0	AJ	13.0	5.0	8.0	21	24.0
10	6.0	4.0	4.0	4.0	5.0	4.0	5.0	2.0	9.0	4.0	13.0	4.0	3.0	13.0	4.0	12.0	3.0	3.0	1.0	4.0	5.0	5.0	3.0	2.0	24	13.0
11	3.0	AJ	7.0	4.0	7.0	12.0	12.0	13.0	9.0	13.0	13.0	14.0	13.0	11.0	9.0	11.0	11.0	AJ	19.0	AJ	23.0	AJ	10.0	7.0	20	23.0
12	9.0	7.0	8.0	9.0	10.0	8.0	8.0	7.0	11.0	13.0	8.0	9.0	10.0	9.0	8.0	6.0	AJ	19.0	AJ	15.0	AJ	19.0	AJ	11.0	20	19.0
13	8.0	8.0	3.0	5.0	6.0	9.0	6.0	8.0	8.0	8.0	9.0	11.0	6.0	13.0	12.0	AJ	25.0	AJ	15.0	12.0	AJ	17.0	10.0	8.0	21	25.0
14	6.0	5.0	5.0	5.0	6.0	6.0	4.0	4.0	7.0	7.0	8.0	13.0	11.0	14.0	12.0	13.0	AJ	24.0	AJ	24.0	AJ	23.0	AJ	18.0	20	24.0
15	AJ	13.0	14.0	3.0	5.0	6.0	4.0	10.0	9.0	12.0	12.0	12.0	10.0	4.0	12.0	AJ	24.0	AJ	10.0	AJ	10.0	3.0	8.0	7.0	20	24.0
16	2.0	7.0	8.0	8.0	8.0	11.0	6.0	8.0	2.0	4.0	9.0	10.0	6.0	12.0	16.0	7.0	14.0	3.0	3.0	AJ	11.0	4.0	7.0	7.0	23	16.0
17	5.0	3.0	4.0	3.0	7.0	4.0	5.0	5.0	7.0	11.0	5.0	2.0	1.0	9.0	10.0	-3.0	9.0	7.0	4.0	AJ	12.0	AJ	12.0	9.0	22	12.0
18	7.0	6.0	8.0	6.0	3.0	4.0	6.0	7.0	7.0	6.0	-2.0	5.0	3.0	5.0	10.0	5.0	2.0	2.0	4.0	AJ	13.0	AJ	17.0	3.0	22	17.0
19	5.0	3.0	7.0	2.0	3.0	6.0	5.0	7.0	8.0	8.0	2.0	10.0	2.0	4.0	12.0	AJ	22.0	AJ	20.0	AJ	21.0	AJ	23.0	AJ	19	23.0
20	16.0	10.0	12.0	9.0	9.0	12.0	8.0	12.0	10.0	13.0	9.0	16.0	AX	BA	22.0	14.0	14.0	13.0	15.0	15.0	6.0	15.0	14.0	12.0	22	22.0
21	9.0	15.0	15.0	13.0	13.0	14.0	13.0	14.0	15.0	23.0	19.0	21.0	20.0	20.0	17.0	16.0	16.0	-2.0	11.0	11.0	13.0	11.0	13.0	15.0	24	23.0
22	15.0	14.0	15.0	10.0	13.0	12.0	10.0	11.0	10.0	18.0	20.0	18.0	13.0	15.0	14.0	18.0	17.0	15.0	10.0	14.0	12.0	9.0	14.0	15.0	24	20.0
23	14.0	16.0	16.0	15.0	14.0	16.0	12.0	13.0	12.0	18.0	22.0	17.0	19.0	19.0	23.0	15.0	17.0	-3.0	9.0	4.0	5.0	9.0	6.0	7.0	24	23.0
24	2.0	7.0	10.0	4.0	5.0	9.0	4.0	7.0	9.0	15.0	15.0	10.0	10.0	14.0	12.0	12.0	13.0	14.0	13.0	12.0	14.0	17.0	15.0	11.0	24	17.0
25	8.0	10.0	8.0	11.0	10.0	7.0	10.0	10.0	13.0	17.0	17.0	15.0	16.0	16.0	15.0	18.0	19.0	15.0	12.0	16.0	17.0	7.0	19.0	19.0	24	19.0
26	23.0	17.0	14.0	16.0	9.0	9.0	8.0	9.0	13.0	13.0	19.0	13.0	15.0	17.0	14.0	19.0	16.0	20.0	13.0	14.0	9.0	15.0	14.0	12.0	24	23.0
27	15.0	14.0	15.0	11.0	10.0	13.0	11.0	14.0	12.0	15.0	9.0	6.0	13.0	13.0	14.0	16.0	15.0	13.0	14.0	10.0	10.0	10.0	10.0	6.0	24	16.0
28	9.0	11.0	12.0	13.0	13.0	14.0	15.0	15.0	17.0	16.0	23.0	20.0	16.0	13.0	18.0	17.0	14.0	16.0	16.0	16.0	16.0	14.0	18.0	19.0	24	23.0
29	17.0	18.0	21.0	18.0	18.0	18.0	18.0	16.0	13.0	5.0	9.0	8.0	6.0	9.0	12.0	11.0	8.0	2.0	9.0	9.0	.0	3.0	4.0	4.0	24	21.0
30	6.0	9.0	8.0	6.0	8.0	7.0	6.0	11.0	8.0	12.0	12.0	10.0	6.0	7.0	8.0	6.0	2.0	7.0	6.0	8.0	6.0	7.0	6.0	11.0	24	12.0
31	10.0	13.0	11.0	8.0	11.0	16.0	9.0	9.0	13.0	15.0	12.0	6.0	10.0	9.0	8.0	10.0	9.0	7.0	8.0	7.0	2.0	5.0	8.0	8.0	24	16.0
NO.:	30	30	31	31	31	31	31	31	30	30	31	31	30	29	31	25	28	25	24	24	22	26	28	29		
MAX:	33.0	27.0	21.0	19.0	18.0	18.0	18.0	16.0	17.0	23.0	23.0	21.0	20.0	20.0	23.0	19.0	25.0	24.0	20.0	24.0	23.0	34.0	76.0	73.0		
AVG:	10.60	10.43	10.26	8.74	8.77	9.55	8.00	9.55	9.93	11.87	11.13	11.55	10.23	11.21	12.00	11.08	12.57	10.20	10.33	11.88	10.27	10.38	13.36	12.48		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: 10.66 MONTHLY MAX: 76.0

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: 37-051-0009 POC: 3
COUNTY: (051) Cumberland
CITY: (22920) Fayetteville
SITE ADDRESS: 4533 RAEFORD RD
SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric sy
MONITOR COMMENTS: ID2=601

STATE: (37) North Carolina
AQCR: (169) SANDHILLS
URBANIZED AREA: (2560) FAYETTEVILLE, NC
LAND USE: RESIDENTIAL
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: AUGUST 2017

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

DAY	HOUR 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	9.0	11.0	12.0	8.0	9.0	11.0	7.0	10.0	15.0	19.0	9.0	14.0	10.0	8.0	11.0	11.0	7.0	5.0	6.0	5.0	5.0	8.0	14.0	14.0	24	19.0
2	9.0	18.0	10.0	9.0	12.0	14.0	10.0	12.0	13.0	9.0	10.0	13.0	14.0	11.0	16.0	12.0	17.0	12.0	14.0	13.0	12.0	12.0	15.0	17.0	24	18.0
3	17.0	14.0	17.0	17.0	13.0	16.0	15.0	13.0	17.0	18.0	12.0	13.0	17.0	12.0	15.0	AZ	BA	8.0	4.0	5.0	9.0	8.0	6.0	11.0	22	18.0
4	5.0	7.0	7.0	6.0	8.0	3.0	4.0	3.0	12.0	12.0	10.0	7.0	7.0	3.0	8.0	5.0	8.0	9.0	7.0	6.0	.0	3.0	9.0	6.0	24	12.0
5	9.0	9.0	3.0	5.0	5.0	3.0	4.0	3.0	4.0	7.0	7.0	13.0	10.0	9.0	5.0	11.0	8.0	10.0	9.0	4.0	7.0	5.0	9.0	13.0	24	13.0
6	11.0	7.0	13.0	11.0	9.0	8.0	8.0	13.0	14.0	15.0	14.0	7.0	11.0	8.0	9.0	10.0	13.0	18.0	8.0	13.0	2.0	10.0	9.0	7.0	24	18.0
7	8.0	5.0	8.0	6.0	5.0	6.0	9.0	14.0	3.0	12.0	15.0	15.0	17.0	20.0	12.0	14.0	16.0	10.0	16.0	-4.0	3.0	9.0	7.0	9.0	24	20.0
8	10.0	6.0	4.0	10.0	7.0	9.0	5.0	7.0	10.0	10.0	8.0	1.0	7.0	3.0	10.0	10.0	6.0	-3.0	5.0	5.0	6.0	5.0	2.0	9.0	24	10.0
9	8.0	6.0	8.0	9.0	10.0	11.0	10.0	10.0	6.0	8.0	9.0	8.0	9.0	6.0	7.0	13.0	12.0	9.0	12.0	9.0	9.0	9.0	9.0	13.0	24	13.0
10	13.0	14.0	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	2	14.0
11	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	10.0	9.0	6.0	6.0	7.0	5.0	3.0	7.0	9.0	4.0	-1.0	3.0	6.0	4.0	14	10.0
12	1.0	5.0	7.0	3.0	5.0	5.0	1.0	1.0	4.0	1.0	4.0	3.0	11.0	6.0	3.0	8.0	2.0	7.0	5.0	4.0	6.0	7.0	2.0	.0	24	11.0
13	4.0	3.0	2.0	4.0	6.0	6.0	12.0	11.0	9.0	6.0	9.0	12.0	6.0	11.0	4.0	11.0	14.0	7.0	4.0	10.0	13.0	11.0	13.0	13.0	24	14.0
14	12.0	16.0	14.0	14.0	14.0	20.0	21.0	18.0	21.0	14.0	13.0	15.0	11.0	16.0	12.0	12.0	14.0	.0	5.0	4.0	1.0	4.0	6.0	9.0	24	21.0
15	7.0	6.0	8.0	11.0	12.0	14.0	11.0	9.0	17.0	16.0	21.0	15.0	6.0	17.0	13.0	17.0	11.0	8.0	8.0	7.0	9.0	12.0	12.0	7.0	24	21.0
16	9.0	8.0	7.0	12.0	7.0	9.0	10.0	5.0	14.0	11.0	10.0	6.0	4.0	4.0	12.0	8.0	8.0	5.0	4.0	8.0	2.0	9.0	10.0	10.0	24	14.0
17	13.0	11.0	11.0	10.0	7.0	11.0	11.0	11.0	AX	BA	16.0	15.0	11.0	12.0	7.0	7.0	.0	2.0	6.0	4.0	4.0	7.0	7.0	5.0	22	16.0
18	6.0	8.0	6.0	5.0	6.0	8.0	8.0	9.0	10.0	13.0	9.0	7.0	12.0	8.0	11.0	10.0	13.0	14.0	12.0	17.0	13.0	12.0	13.0	12.0	24	17.0
19	18.0	15.0	15.0	14.0	13.0	13.0	16.0	7.0	9.0	7.0	11.0	8.0	10.0	11.0	8.0	9.0	9.0	11.0	17.0	13.0	7.0	8.0	11.0	8.0	24	18.0
20	10.0	8.0	9.0	15.0	10.0	9.0	10.0	9.0	19.0	16.0	13.0	11.0	11.0	7.0	11.0	10.0	9.0	13.0	11.0	13.0	4.0	9.0	11.0	13.0	24	19.0
21	13.0	14.0	13.0	12.0	14.0	17.0	14.0	15.0	16.0	18.0	10.0	14.0	9.0	10.0	12.0	4.0	14.0	12.0	9.0	11.0	10.0	11.0	8.0	6.0	24	18.0
22	9.0	9.0	6.0	10.0	9.0	7.0	5.0	8.0	8.0	9.0	5.0	6.0	10.0	3.0	7.0	11.0	7.0	4.0	7.0	.0	1.0	4.0	3.0	10.0	24	11.0
23	6.0	7.0	8.0	6.0	9.0	10.0	12.0	8.0	10.0	10.0	9.0	13.0	14.0	17.0	11.0	14.0	17.0	-2.0	9.0	11.0	11.0	12.0	13.0	7.0	24	17.0
24	5.0	3.0	8.0	8.0	5.0	12.0	4.0	12.0	7.0	11.0	7.0	14.0	8.0	12.0	8.0	14.0	4.0	5.0	8.0	11.0	14.0	12.0	11.0	11.0	24	14.0
25	12.0	14.0	11.0	13.0	15.0	15.0	10.0	10.0	17.0	18.0	9.0	6.0	10.0	6.0	11.0	3.0	10.0	10.0	10.0	11.0	10.0	10.0	12.0	11.0	24	18.0
26	15.0	14.0	10.0	11.0	13.0	13.0	11.0	9.0	13.0	13.0	7.0	9.0	10.0	9.0	9.0	10.0	9.0	11.0	-1.0	8.0	7.0	10.0	9.0	9.0	24	15.0
27	9.0	10.0	9.0	13.0	6.0	7.0	4.0	5.0	13.0	13.0	6.0	9.0	6.0	10.0	3.0	6.0	10.0	7.0	7.0	8.0	5.0	13.0	11.0	11.0	24	13.0
28	15.0	11.0	9.0	6.0	5.0	8.0	4.0	6.0	6.0	12.0	8.0	10.0	6.0	11.0	8.0	9.0	8.0	10.0	8.0	5.0	1.0	1.0	3.0	5.0	24	15.0
29	7.0	2.0	1.0	5.0	1.0	2.0	2.0	4.0	2.0	1.0	2.0	.0	8.0	.0	2.0	.0	4.0	-2.0	5.0	6.0	3.0	5.0	3.0	2.0	24	8.0
30	2.0	1.0	2.0	4.0	4.0	6.0	2.0	AX	BA	1.0	8.0	6.0	6.0	5.0	5.0	5.0	7.0	7.0	4.0	1.0	3.0	8.0	7.0	9.0	22	9.0
31	4.0	7.0	6.0	5.0	8.0	9.0	7.0	8.0	10.0	10.0	11.0	12.0	11.0	11.0	-3.0	12.0	7.0	5.0	9.0	4.0	.0	9.0	9.0	9.0	24	12.0
NO.:	30	30	29	29	29	29	29	28	27	28	30	30	30	30	30	29	29	30	30	30	30	30	30	30		
MAX:	18.0	18.0	17.0	17.0	15.0	20.0	21.0	18.0	21.0	19.0	21.0	15.0	17.0	20.0	16.0	17.0	17.0	18.0	17.0	17.0	14.0	13.0	15.0	17.0		
AVG:	9.20	8.97	8.41	9.03	8.52	9.72	8.52	8.93	11.07	11.07	9.73	9.70	9.60	9.07	8.47	9.34	9.21	7.30	7.90	7.20	5.87	8.20	8.67	9.00		

MONTHLY OBSERVATIONS: 706 MONTHLY MEAN: 8.85 MONTHLY MAX: 21.0

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: 37-051-0009 POC: 3
COUNTY: (051) Cumberland
CITY: (22920) Fayetteville
SITE ADDRESS: 4533 RAEFORD RD
SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric sy
MONITOR COMMENTS: ID2=601

STATE: (37) North Carolina
AQCR: (169) SANDHILLS
URBANIZED AREA: (2560) FAYETTEVILLE, NC
LAND USE: RESIDENTIAL
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: SEPTEMBER 2017

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

DAY	HOUR 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	5.0	10.0	9.0	10.0	10.0	12.0	6.0	12.0	21.0	17.0	11.0	12.0	8.0	9.0	5.0	12.0	3.0	10.0	-1.0	-1.0	6.0	1.0	1.0	24	21.0
2	1.0	7.0	7.0	7.0	3.0	8.0	7.0	6.0	3.0	4.0	12.0	12.0	10.0	10.0	10.0	8.0	7.0	7.0	7.0	4.0	2.0	8.0	7.0	6.0	24	12.0
3	7.0	7.0	10.0	8.0	10.0	13.0	11.0	5.0	8.0	7.0	2.0	4.0	.0	3.0	7.0	5.0	-3.0	2.0	2.0	8.0	-3.0	12.0	13.0	9.0	24	13.0
4	14.0	18.0	17.0	18.0	12.0	10.0	8.0	.0	12.0	4.0	11.0	12.0	14.0	7.0	10.0	10.0	12.0	10.0	11.0	14.0	1.0	14.0	13.0	14.0	24	18.0
5	12.0	11.0	13.0	14.0	13.0	12.0	9.0	10.0	13.0	16.0	11.0	9.0	16.0	10.0	11.0	5.0	13.0	11.0	10.0	6.0	.0	3.0	6.0	6.0	24	16.0
6	6.0	7.0	2.0	6.0	3.0	6.0	7.0	7.0	7.0	AX	BA	1.0	12.0	16.0	19.0	1.0	4.0	13.0	10.0	11.0	9.0	9.0	10.0	17.0	22	19.0
7	9.0	9.0	12.0	11.0	10.0	6.0	11.0	4.0	12.0	8.0	9.0	9.0	4.0	6.0	9.0	6.0	3.0	9.0	2.0	6.0	-1.0	9.0	8.0	10.0	24	12.0
8	8.0	17.0	6.0	7.0	14.0	9.0	7.0	4.0	8.0	10.0	7.0	2.0	6.0	5.0	7.0	6.0	9.0	4.0	5.0	.0	.0	8.0	4.0	4.0	24	17.0
9	9.0	11.0	14.0	7.0	7.0	8.0	6.0	2.0	13.0	6.0	4.0	12.0	8.0	7.0	6.0	9.0	4.0	7.0	7.0	4.0	5.0	10.0	5.0	7.0	24	14.0
10	7.0	3.0	8.0	5.0	10.0	3.0	3.0	2.0	4.0	4.0	7.0	6.0	-1.0	2.0	8.0	6.0	.0	3.0	4.0	3.0	4.0	3.0	7.0	2.0	24	10.0
11	9.0	4.0	4.0	6.0	7.0	2.0	8.0	2.0	4.0	4.0	4.0	5.0	8.0	5.0	6.0	9.0	2.0	.0	3.0	3.0	3.0	.0	5.0	5.0	24	9.0
12	6.0	6.0	5.0	3.0	2.0	4.0	6.0	.0	2.0	4.0	3.0	-2.0	6.0	3.0	2.0	7.0	-1.0	-1.0	5.0	1.0	4.0	3.0	2.0	4.0	24	7.0
13	6.0	10.0	5.0	8.0	6.0	5.0	3.0	1.0	12.0	1.0	11.0	11.0	7.0	7.0	5.0	6.0	6.0	5.0	4.0	1.0	8.0	5.0	8.0	6.0	24	12.0
14	7.0	7.0	6.0	6.0	11.0	6.0	9.0	13.0	2.0	9.0	12.0	9.0	14.0	9.0	14.0	6.0	5.0	12.0	10.0	10.0	11.0	13.0	8.0	10.0	24	14.0
15	9.0	13.0	11.0	10.0	12.0	7.0	13.0	10.0	22.0	17.0	19.0	20.0	14.0	11.0	9.0	15.0	12.0	6.0	14.0	12.0	4.0	11.0	15.0	10.0	24	22.0
16	18.0	16.0	15.0	16.0	21.0	18.0	13.0	14.0	19.0	19.0	16.0	13.0	9.0	9.0	1.0	9.0	10.0	3.0	6.0	13.0	13.0	11.0	12.0	20.0	24	21.0
17	18.0	15.0	16.0	13.0	15.0	15.0	14.0	7.0	13.0	15.0	11.0	7.0	6.0	5.0	7.0	7.0	9.0	3.0	7.0	4.0	2.0	6.0	7.0	2.0	24	18.0
18	6.0	7.0	5.0	8.0	12.0	9.0	9.0	8.0	5.0	6.0	9.0	8.0	12.0	6.0	9.0	9.0	4.0	8.0	7.0	-3.0	6.0	10.0	10.0	10.0	24	12.0
19	9.0	9.0	3.0	9.0	10.0	8.0	12.0	7.0	6.0	15.0	10.0	14.0	16.0	11.0	14.0	10.0	8.0	5.0	6.0	1.0	4.0	5.0	9.0	12.0	24	16.0
20	11.0	10.0	10.0	12.0	13.0	14.0	13.0	11.0	15.0	12.0	14.0	15.0	18.0	12.0	10.0	14.0	12.0	10.0	6.0	12.0	14.0	11.0	12.0	14.0	24	18.0
21	11.0	15.0	14.0	14.0	16.0	11.0	12.0	11.0	19.0	22.0	AX	BA	21.0	14.0	7.0	17.0	11.0	10.0	10.0	3.0	9.0	6.0	13.0	7.0	22	22.0
22	10.0	10.0	11.0	10.0	11.0	12.0	8.0	7.0	25.0	21.0	11.0	14.0	14.0	13.0	10.0	12.0	7.0	16.0	10.0	7.0	11.0	12.0	13.0	17.0	24	25.0
23	20.0	15.0	18.0	17.0	17.0	15.0	17.0	11.0	21.0	22.0	19.0	12.0	9.0	6.0	6.0	8.0	9.0	7.0	2.0	1.0	9.0	8.0	11.0	12.0	24	22.0
24	13.0	11.0	11.0	11.0	10.0	15.0	13.0	11.0	9.0	16.0	7.0	7.0	11.0	3.0	6.0	4.0	8.0	2.0	4.0	.0	4.0	6.0	11.0	7.0	24	16.0
25	8.0	6.0	8.0	8.0	5.0	4.0	7.0	5.0	14.0	12.0	7.0	5.0	7.0	7.0	5.0	2.0	2.0	5.0	5.0	2.0	2.0	4.0	3.0	4.0	24	14.0
26	7.0	3.0	1.0	2.0	4.0	5.0	3.0	1.0	6.0	4.0	4.0	8.0	8.0	9.0	5.0	1.0	3.0	4.0	5.0	4.0	-1.0	4.0	4.0	4.0	24	9.0
27	4.0	2.0	2.0	3.0	5.0	2.0	2.0	3.0	7.0	10.0	11.0	9.0	3.0	5.0	6.0	7.0	7.0	5.0	8.0	3.0	6.0	6.0	-1.0	5.0	24	11.0
28	11.0	5.0	8.0	10.0	15.0	14.0	12.0	7.0	25.0	16.0	14.0	18.0	15.0	12.0	14.0	13.0	9.0	14.0	20.0	10.0	12.0	20.0	22.0	20.0	24	25.0
29	17.0	15.0	3.0	4.0	6.0	6.0	3.0	1.0	BA	14.0	6.0	14.0	8.0	8.0	13.0	9.0	5.0	7.0	-3.0	4.0	1.0	5.0	6.0	7.0	23	17.0
30	5.0	6.0	9.0	6.0	8.0	5.0	11.0	5.0	10.0	15.0	10.0	7.0	8.0	5.0	4.0	10.0	6.0	7.0	.0	-4.0	-1.0	4.0	6.0	8.0	24	15.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	29	29	28	29	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	20.0	18.0	18.0	18.0	21.0	18.0	17.0	14.0	25.0	22.0	19.0	20.0	21.0	16.0	19.0	17.0	13.0	16.0	20.0	14.0	14.0	20.0	22.0	20.0		
AVG:	9.67	9.33	8.80	8.93	9.93	8.73	8.97	6.03	11.31	11.52	9.93	9.38	9.83	7.80	8.30	7.87	6.50	6.57	6.57	4.63	4.57	7.73	8.33	8.67		

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 8.31 MONTHLY MAX: 25.0

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: 37-051-0009 POC: 3
COUNTY: (051) Cumberland
CITY: (22920) Fayetteville
SITE ADDRESS: 4533 RAEFORD RD
SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric sy
MONITOR COMMENTS: ID2=601

STATE: (37) North Carolina
AQCR: (169) SANDHILLS
URBANIZED AREA: (2560) FAYETTEVILLE, NC
LAND USE: RESIDENTIAL
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: OCTOBER 2017

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

DAY	HOUR 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	2.0	6.0	1.0	8.0	5.0	4.0	-2.0	9.0	3.0	2.0	7.0	5.0	.0	5.0	6.0	.0	4.0	4.0	.0	8.0	6.0	8.0	8.0	24	9.0
2	5.0	5.0	10.0	8.0	7.0	9.0	5.0	6.0	4.0	5.0	8.0	3.0	6.0	5.0	2.0	4.0	2.0	2.0	-3.0	-1.0	3.0	2.0	7.0	7.0	24	10.0
3	11.0	9.0	7.0	7.0	7.0	5.0	8.0	2.0	12.0	.0	12.0	7.0	3.0	8.0	3.0	5.0	3.0	4.0	-2.0	-1.0	5.0	8.0	7.0	5.0	24	12.0
4	12.0	7.0	5.0	5.0	5.0	5.0	8.0	6.0	11.0	2.0	4.0	6.0	9.0	1.0	4.0	6.0	5.0	1.0	4.0	4.0	6.0	12.0	15.0	11.0	24	15.0
5	7.0	6.0	9.0	7.0	7.0	10.0	7.0	1.0	AX	BA	13.0	3.0	1.0	4.0	5.0	6.0	2.0	5.0	8.0	1.0	4.0	5.0	4.0	5.0	22	13.0
6	3.0	6.0	9.0	1.0	2.0	6.0	3.0	.0	3.0	8.0	9.0	6.0	2.0	.0	7.0	6.0	2.0	5.0	4.0	2.0	7.0	7.0	6.0	6.0	24	9.0
7	7.0	7.0	7.0	4.0	7.0	5.0	6.0	2.0	3.0	-2.0	15.0	7.0	5.0	8.0	3.0	5.0	2.0	-1.0	3.0	4.0	.0	3.0	2.0	6.0	24	15.0
8	5.0	5.0	6.0	9.0	5.0	6.0	6.0	-2.0	5.0	5.0	7.0	16.0	-2.0	-1.0	14.0	.0	7.0	7.0	.0	4.0	1.0	7.0	9.0	7.0	24	16.0
9	5.0	4.0	6.0	4.0	1.0	4.0	3.0	3.0	5.0	4.0	3.0	6.0	8.0	11.0	8.0	7.0	5.0	3.0	3.0	-2.0	4.0	6.0	9.0	9.0	24	11.0
10	9.0	8.0	8.0	5.0	8.0	7.0	8.0	8.0	8.0	10.0	13.0	9.0	11.0	13.0	8.0	9.0	9.0	5.0	6.0	4.0	8.0	7.0	7.0	7.0	24	13.0
11	3.0	8.0	3.0	7.0	5.0	7.0	6.0	8.0	7.0	6.0	12.0	5.0	9.0	7.0	13.0	6.0	12.0	9.0	9.0	5.0	11.0	10.0	7.0	8.0	24	13.0
12	12.0	7.0	9.0	7.0	7.0	10.0	9.0	8.0	7.0	12.0	16.0	15.0	18.0	17.0	18.0	18.0	14.0	10.0	5.0	5.0	3.0	4.0	5.0	3.0	24	18.0
13	6.0	1.0	5.0	3.0	4.0	2.0	-1.0	4.0	3.0	4.0	.0	1.0	8.0	11.0	2.0	5.0	2.0	2.0	7.0	5.0	5.0	7.0	8.0	9.0	24	11.0
14	6.0	6.0	5.0	6.0	8.0	4.0	4.0	2.0	4.0	3.0	1.0	3.0	6.0	4.0	9.0	6.0	5.0	11.0	8.0	3.0	7.0	3.0	5.0	16.0	24	16.0
15	11.0	14.0	13.0	10.0	5.0	5.0	10.0	2.0	5.0	4.0	11.0	10.0	13.0	14.0	6.0	8.0	9.0	9.0	10.0	10.0	11.0	6.0	7.0	9.0	24	14.0
16	6.0	5.0	6.0	5.0	6.0	6.0	6.0	5.0	10.0	13.0	5.0	-1.0	4.0	-4.0	2.0	4.0	2.0	3.0	2.0	4.0	4.0	7.0	.0	5.0	24	13.0
17	1.0	4.0	4.0	5.0	2.0	5.0	4.0	2.0	3.0	1.0	6.0	6.0	4.0	4.0	6.0	4.0	4.0	1.0	5.0	-4.0	4.0	8.0	10.0	7.0	24	10.0
18	5.0	5.0	7.0	7.0	7.0	5.0	7.0	5.0	4.0	1.0	7.0	5.0	1.0	2.0	4.0	5.0	5.0	1.0	2.0	2.0	3.0	8.0	6.0	8.0	24	8.0
19	5.0	11.0	5.0	11.0	7.0	9.0	7.0	7.0	8.0	10.0	13.0	9.0	7.0	8.0	6.0	5.0	4.0	4.0	-1.0	.0	10.0	7.0	14.0	9.0	24	14.0
20	8.0	8.0	8.0	7.0	5.0	10.0	6.0	3.0	2.0	AX	BA	BA	16.0	9.0	10.0	6.0	9.0	8.0	4.0	4.0	10.0	8.0	15.0	9.0	21	16.0
21	18.0	14.0	16.0	13.0	13.0	13.0	15.0	13.0	9.0	19.0	16.0	14.0	14.0	9.0	8.0	7.0	11.0	.0	10.0	12.0	19.0	17.0	18.0	18.0	24	19.0
22	11.0	17.0	14.0	12.0	12.0	13.0	17.0	10.0	13.0	13.0	14.0	15.0	7.0	10.0	3.0	4.0	1.0	4.0	3.0	5.0	8.0	4.0	6.0	5.0	24	17.0
23	7.0	8.0	6.0	7.0	7.0	5.0	5.0	5.0	3.0	6.0	7.0	3.0	9.0	1.0	3.0	2.0	4.0	6.0	-1.0	5.0	5.0	5.0	11.0	2.0	24	11.0
24	-1.0	3.0	2.0	5.0	5.0	6.0	3.0	5.0	5.0	1.0	7.0	5.0	8.0	5.0	4.0	7.0	7.0	5.0	2.0	2.0	6.0	7.0	7.0	4.0	24	8.0
25	6.0	7.0	8.0	5.0	4.0	7.0	12.0	7.0	3.0	8.0	5.0	10.0	3.0	6.0	1.0	4.0	.0	5.0	3.0	3.0	8.0	7.0	13.0	7.0	24	13.0
26	10.0	8.0	6.0	6.0	8.0	9.0	8.0	5.0	3.0	10.0	5.0	6.0	8.0	5.0	6.0	6.0	3.0	6.0	4.0	3.0	9.0	12.0	14.0	13.0	24	14.0
27	16.0	15.0	14.0	13.0	13.0	12.0	12.0	14.0	4.0	12.0	12.0	16.0	12.0	7.0	7.0	5.0	1.0	3.0	5.0	7.0	12.0	12.0	7.0	7.0	24	16.0
28	6.0	9.0	7.0	8.0	7.0	10.0	8.0	9.0	11.0	13.0	15.0	11.0	10.0	11.0	11.0	2.0	3.0	4.0	-4.0	5.0	2.0	5.0	9.0	-1.0	24	15.0
29	.0	4.0	6.0	4.0	5.0	2.0	-2.0	3.0	5.0	7.0	9.0	5.0	6.0	13.0	10.0	5.0	7.0	-1.0	-4.0	-2.0	2.0	-1.0	2.0	3.0	24	13.0
30	4.0	4.0	5.0	7.0	4.0	3.0	3.0	4.0	-3.0	6.0	5.0	3.0	.0	2.0	3.0	3.0	4.0	.0	1.0	2.0	8.0	12.0	11.0	5.0	24	12.0
31	8.0	4.0	8.0	7.0	7.0	7.0	7.0	6.0	6.0	9.0	16.0	16.0	16.0	AX	BA	11.0	9.0	8.0	11.0	10.0	14.0	19.0	12.0	15.0	22	19.0
NO.:	31	31	31	31	31	31	31	31	30	29	30	30	31	30	30	31	31	31	31	31	31	31	31	31		
MAX:	18.0	17.0	16.0	13.0	13.0	13.0	17.0	14.0	13.0	19.0	16.0	16.0	18.0	17.0	18.0	18.0	14.0	11.0	11.0	12.0	19.0	19.0	18.0	18.0		
AVG:	6.97	7.13	7.42	6.65	6.39	6.84	6.58	4.87	5.73	6.66	8.93	7.57	7.32	6.33	6.37	5.71	4.94	4.29	3.48	3.26	6.68	7.42	8.42	7.48		

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: 6.39 MONTHLY MAX: 19.0

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: 37-051-0009 POC: 3
COUNTY: (051) Cumberland
CITY: (22920) Fayetteville
SITE ADDRESS: 4533 RAEFORD RD
SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric sy
MONITOR COMMENTS: ID2=601

STATE: (37) North Carolina
AQCR: (169) SANDHILLS
URBANIZED AREA: (2560) FAYETTEVILLE, NC
LAND USE: RESIDENTIAL
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: NOVEMBER 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	18.0	16.0	14.0	14.0	13.0	14.0	15.0	12.0	6.0	16.0	13.0	15.0	10.0	9.0	8.0	10.0	7.0	5.0	8.0	12.0	12.0	11.0	11.0	6.0	24	18.0
2	6.0	10.0	11.0	8.0	8.0	8.0	13.0	12.0	2.0	7.0	12.0	9.0	1.0	-5.0	3.0	8.0	-3.0	4.0	1.0	4.0	6.0	7.0	9.0	8.0	24	13.0
3	13.0	9.0	10.0	6.0	10.0	7.0	8.0	4.0	3.0	8.0	9.0	13.0	10.0	6.0	12.0	10.0	7.0	10.0	8.0	5.0	11.0	14.0	21.0	19.0	24	21.0
4	20.0	20.0	18.0	16.0	15.0	17.0	15.0	13.0	7.0	14.0	13.0	14.0	14.0	11.0	12.0	16.0	13.0	14.0	9.0	10.0	11.0	11.0	8.0	9.0	24	20.0
5	6.0	11.0	8.0	7.0	9.0	9.0	9.0	5.0	6.0	6.0	6.0	4.0	5.0	5.0	6.0	12.0	7.0	13.0	5.0	9.0	12.0	14.0	12.0	12.0	24	14.0
6	12.0	11.0	8.0	5.0	11.0	8.0	6.0	6.0	6.0	8.0	15.0	15.0	11.0	10.0	13.0	12.0	15.0	11.0	11.0	5.0	12.0	14.0	14.0	18.0	24	18.0
7	15.0	17.0	15.0	18.0	15.0	14.0	13.0	12.0	17.0	20.0	23.0	19.0	26.0	21.0	27.0	19.0	19.0	20.0	24.0	25.0	24.0	30.0	12.0	7.0	24	30.0
8	3.0	3.0	1.0	1.0	1.0	3.0	3.0	1.0	2.0	3.0	3.0	.0	6.0	6.0	2.0	4.0	2.0	2.0	1.0	5.0	7.0	2.0	5.0	3.0	24	7.0
9	1.0	.0	3.0	5.0	1.0	2.0	3.0	1.0	4.0	-1.0	3.0	.0	5.0	5.0	3.0	3.0	1.0	3.0	1.0	3.0	2.0	1.0	3.0	5.0	24	5.0
10	4.0	7.0	2.0	1.0	3.0	1.0	4.0	4.0	1.0	7.0	8.0	13.0	9.0	8.0	10.0	8.0	5.0	2.0	4.0	7.0	10.0	10.0	8.0	8.0	24	13.0
11	6.0	3.0	.0	4.0	4.0	1.0	4.0	4.0	1.0	4.0	2.0	3.0	5.0	6.0	9.0	8.0	3.0	2.0	5.0	7.0	9.0	9.0	9.0	7.0	24	9.0
12	6.0	7.0	9.0	9.0	7.0	9.0	10.0	9.0	3.0	6.0	9.0	7.0	2.0	12.0	10.0	1.0	4.0	3.0	6.0	10.0	9.0	9.0	12.0	14.0	24	14.0
13	9.0	14.0	12.0	12.0	12.0	11.0	10.0	6.0	3.0	4.0	3.0	7.0	8.0	11.0	10.0	8.0	-1.0	-4.0	.0	2.0	1.0	8.0	7.0	11.0	24	14.0
14	7.0	8.0	10.0	9.0	11.0	13.0	12.0	21.0	16.0	AZ	BA	13.0	15.0	13.0	7.0	11.0	11.0	5.0	7.0	5.0	11.0	11.0	11.0	13.0	22	21.0
15	14.0	15.0	13.0	14.0	10.0	12.0	10.0	10.0	7.0	9.0	8.0	9.0	6.0	9.0	8.0	7.0	6.0	2.0	7.0	9.0	13.0	12.0	11.0	22.0	24	22.0
16	18.0	15.0	18.0	15.0	14.0	12.0	13.0	11.0	9.0	11.0	10.0	11.0	11.0	6.0	9.0	3.0	2.0	12.0	9.0	11.0	14.0	18.0	26.0	24.0	24	26.0
17	12.0	9.0	6.0	5.0	7.0	7.0	4.0	5.0	2.0	9.0	5.0	2.0	4.0	4.0	7.0	5.0	4.0	7.0	1.0	8.0	8.0	22.0	21.0	18.0	24	22.0
18	18.0	20.0	16.0	20.0	21.0	23.0	21.0	27.0	16.0	19.0	14.0	9.0	9.0	10.0	8.0	4.0	8.0	4.0	7.0	9.0	9.0	8.0	7.0	7.0	24	27.0
19	8.0	4.0	6.0	15.0	11.0	11.0	8.0	-2.0	-1.0	-4.0	-4.0	-2.0	-1.0	-1.0	.0	.0	-1.0	.0	-4.0	-3.0	3.0	1.0	3.0	4.0	24	15.0
20	4.0	6.0	5.0	5.0	8.0	4.0	3.0	10.0	-3.0	10.0	11.0	7.0	6.0	7.0	8.0	7.0	3.0	9.0	-4.0	6.0	11.0	11.0	15.0	13.0	24	15.0
21	12.0	10.0	10.0	16.0	18.0	19.0	18.0	20.0	16.0	13.0	17.0	8.0	16.0	7.0	12.0	4.0	7.0	2.0	3.0	8.0	6.0	8.0	10.0	11.0	24	20.0
22	12.0	13.0	11.0	7.0	10.0	9.0	11.0	9.0	8.0	10.0	11.0	14.0	14.0	8.0	12.0	3.0	3.0	3.0	1.0	5.0	8.0	8.0	6.0	3.0	24	14.0
23	4.0	5.0	5.0	9.0	3.0	8.0	5.0	8.0	1.0	6.0	5.0	8.0	6.0	3.0	3.0	9.0	1.0	6.0	11.0	8.0	11.0	14.0	15.0	12.0	24	15.0
24	14.0	9.0	12.0	10.0	11.0	7.0	13.0	12.0	9.0	8.0	12.0	13.0	9.0	10.0	10.0	5.0	7.0	3.0	-4.0	.0	11.0	14.0	18.0	21.0	24	21.0
25	21.0	29.0	26.0	24.0	19.0	18.0	14.0	11.0	4.0	12.0	15.0	21.0	18.0	19.0	10.0	16.0	9.0	11.0	9.0	16.0	14.0	15.0	19.0	20.0	24	29.0
26	19.0	17.0	15.0	16.0	14.0	12.0	9.0	7.0	-1.0	10.0	14.0	6.0	7.0	3.0	2.0	3.0	2.0	-4.0	-4.0	-1.0	8.0	12.0	21.0	14.0	24	21.0
27	16.0	22.0	15.0	13.0	7.0	11.0	6.0	5.0	-1.0	18.0	12.0	9.0	7.0	-2.0	5.0	86.0	21.0	-4.0	-1.0	1.0	8.0	7.0	11.0	12.0	24	86.0
28	17.0	20.0	14.0	16.0	15.0	18.0	12.0	12.0	6.0	24.0	20.0	12.0	6.0	12.0	5.0	5.0	2.0	4.0	-4.0	-1.0	7.0	14.0	16.0	16.0	24	24.0
29	19.0	16.0	18.0	21.0	20.0	20.0	28.0	24.0	18.0	17.0	23.0	12.0	13.0	7.0	12.0	6.0	5.0	15.0	5.0	9.0	15.0	33.0	24.0	21.0	24	33.0
30	20.0	19.0	24.0	20.0	17.0	19.0	26.0	17.0	17.0	AX	BA	19.0	16.0	18.0	15.0	11.0	11.0	10.0	11.0	18.0	18.0	12.0	27.0	25.0	22	27.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	28	28	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	21.0	29.0	26.0	24.0	21.0	23.0	28.0	27.0	18.0	24.0	23.0	21.0	26.0	21.0	27.0	86.0	21.0	20.0	24.0	25.0	24.0	33.0	27.0	25.0		
AVG:	11.80	12.17	11.17	11.37	10.83	10.90	10.87	9.87	6.13	9.79	10.43	9.67	9.13	7.93	8.60	10.13	6.00	5.67	4.43	7.07	10.03	12.00	13.07	12.77		

MONTHLY OBSERVATIONS: 716 MONTHLY MEAN: 9.66 MONTHLY MAX: 86.0

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: 37-051-0009 POC: 3
COUNTY: (051) Cumberland
CITY: (22920) Fayetteville
SITE ADDRESS: 4533 RAEFORD RD
SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric SY
MONITOR COMMENTS: ID2=601

STATE: (37) North Carolina
AQCR: (169) SANDHILLS
URBANIZED AREA: (2560) FAYETTEVILLE, NC
LAND USE: RESIDENTIAL
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 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	31.0	30.0	28.0	27.0	22.0	25.0	24.0	24.0	15.0	24.0	17.0	16.0	11.0	15.0	10.0	12.0	9.0	9.0	10.0	12.0	13.0	15.0	11.0	16.0	24	31.0
2	14.0	13.0	12.0	15.0	17.0	12.0	14.0	10.0	10.0	11.0	13.0	8.0	12.0	11.0	9.0	10.0	14.0	12.0	13.0	19.0	12.0	13.0	13.0	9.0	24	19.0
3	14.0	14.0	13.0	16.0	14.0	16.0	19.0	16.0	21.0	18.0	21.0	15.0	16.0	14.0	17.0	17.0	13.0	9.0	12.0	16.0	16.0	16.0	16.0	17.0	24	21.0
4	19.0	13.0	13.0	14.0	15.0	19.0	18.0	18.0	17.0	13.0	13.0	12.0	11.0	10.0	7.0	6.0	8.0	5.0	2.0	9.0	13.0	18.0	14.0	12.0	24	19.0
5	12.0	15.0	15.0	16.0	14.0	12.0	14.0	16.0	11.0	18.0	12.0	11.0	12.0	14.0	7.0	6.0	6.0	6.0	4.0	.0	10.0	12.0	14.0	13.0	24	18.0
6	7.0	9.0	9.0	13.0	13.0	14.0	7.0	12.0	15.0	2.0	3.0	-2.0	.0	3.0	1.0	1.0	2.0	1.0	7.0	6.0	10.0	7.0	6.0	7.0	24	15.0
7	7.0	9.0	6.0	8.0	6.0	8.0	8.0	7.0	7.0	10.0	8.0	6.0	5.0	3.0	8.0	5.0	4.0	6.0	5.0	9.0	8.0	11.0	11.0	10.0	24	11.0
8	9.0	7.0	7.0	10.0	6.0	8.0	10.0	3.0	5.0	10.0	10.0	3.0	3.0	6.0	10.0	6.0	5.0	2.0	2.0	4.0	3.0	5.0	4.0	5.0	24	10.0
9	2.0	1.0	5.0	1.0	1.0	.0	4.0	2.0	-1.0	4.0	1.0	.0	2.0	3.0	5.0	2.0	.0	2.0	4.0	4.0	5.0	6.0	9.0	7.0	24	9.0
10	11.0	9.0	12.0	9.0	8.0	6.0	7.0	4.0	6.0	8.0	8.0	7.0	6.0	6.0	9.0	7.0	5.0	4.0	2.0	5.0	11.0	13.0	12.0	11.0	24	13.0
11	11.0	12.0	12.0	11.0	9.0	9.0	10.0	10.0	8.0	15.0	11.0	13.0	18.0	14.0	12.0	11.0	7.0	10.0	1.0	4.0	11.0	13.0	13.0	16.0	24	18.0
12	13.0	12.0	15.0	14.0	12.0	8.0	13.0	13.0	8.0	14.0	14.0	14.0	18.0	AX	BA	13.0	-1.0	5.0	9.0	4.0	6.0	-1.0	2.0	5.0	22	18.0
13	5.0	6.0	6.0	4.0	8.0	3.0	4.0	7.0	2.0	4.0	3.0	4.0	-1.0	4.0	-2.0	-2.0	4.0	4.0	2.0	5.0	5.0	7.0	9.0	7.0	24	9.0
14	6.0	10.0	11.0	9.0	10.0	10.0	9.0	9.0	8.0	11.0	9.0	8.0	3.0	11.0	14.0	13.0	11.0	9.0	6.0	4.0	15.0	13.0	20.0	15.0	24	20.0
15	12.0	12.0	12.0	11.0	10.0	11.0	10.0	8.0	10.0	11.0	10.0	11.0	13.0	12.0	10.0	16.0	12.0	16.0	11.0	11.0	16.0	15.0	16.0	17.0	24	17.0
16	18.0	15.0	17.0	16.0	13.0	11.0	13.0	16.0	16.0	20.0	14.0	13.0	11.0	12.0	9.0	9.0	11.0	8.0	10.0	18.0	23.0	.0	9.0	19.0	24	23.0
17	24.0	31.0	33.0	34.0	30.0	29.0	25.0	26.0	21.0	27.0	17.0	19.0	25.0	18.0	15.0	10.0	12.0	15.0	9.0	14.0	16.0	14.0	18.0	21.0	24	34.0
18	23.0	23.0	22.0	19.0	20.0	17.0	20.0	22.0	17.0	17.0	17.0	30.0	20.0	18.0	24.0	11.0	19.0	10.0	10.0	9.0	16.0	19.0	20.0	22.0	24	30.0
19	18.0	17.0	15.0	18.0	15.0	12.0	12.0	8.0	8.0	14.0	21.0	14.0	20.0	AX	BA	16.0	13.0	5.0	10.0	13.0	12.0	12.0	13.0	15.0	22	21.0
20	11.0	9.0	8.0	11.0	12.0	14.0	12.0	14.0	12.0	10.0	10.0	12.0	8.0	7.0	7.0	8.0	1.0	3.0	3.0	4.0	4.0	5.0	8.0	9.0	24	14.0
21	7.0	12.0	8.0	9.0	9.0	6.0	7.0	5.0	5.0	12.0	9.0	7.0	6.0	2.0	12.0	7.0	6.0	9.0	6.0	9.0	11.0	10.0	11.0	10.0	24	12.0
22	11.0	9.0	15.0	12.0	9.0	9.0	7.0	9.0	9.0	9.0	6.0	6.0	7.0	9.0	4.0	8.0	4.0	7.0	1.0	9.0	11.0	15.0	16.0	20.0	24	20.0
23	23.0	21.0	25.0	21.0	16.0	16.0	12.0	11.0	12.0	15.0	12.0	8.0	10.0	11.0	12.0	5.0	8.0	7.0	4.0	8.0	12.0	12.0	3.0	10.0	24	25.0
24	12.0	10.0	10.0	10.0	6.0	-1.0	-2.0	-1.0	-1.0	-3.0	1.0	1.0	1.0	2.0	3.0	3.0	3.0	4.0	4.0	1.0	3.0	4.0	6.0	6.0	24	12.0
25	8.0	4.0	2.0	5.0	3.0	3.0	.0	-2.0	-1.0	2.0	2.0	3.0	-1.0	1.0	3.0	3.0	-1.0	6.0	2.0	3.0	6.0	2.0	4.0	5.0	24	8.0
26	3.0	5.0	3.0	6.0	2.0	5.0	6.0	4.0	4.0	5.0	4.0	4.0	7.0	5.0	6.0	6.0	8.0	7.0	1.0	5.0	8.0	5.0	11.0	6.0	24	11.0
27	7.0	6.0	3.0	6.0	5.0	5.0	6.0	7.0	4.0	3.0	6.0	2.0	4.0	6.0	4.0	6.0	6.0	5.0	10.0	7.0	8.0	11.0	4.0	7.0	24	11.0
28	5.0	7.0	4.0	10.0	11.0	12.0	13.0	11.0	7.0	3.0	5.0	5.0	6.0	6.0	9.0	5.0	5.0	7.0	3.0	5.0	8.0	7.0	9.0	10.0	24	13.0
29	6.0	8.0	4.0	9.0	5.0	10.0	7.0	8.0	5.0	1.0	7.0	13.0	10.0	8.0	12.0	18.0	14.0	8.0	10.0	10.0	17.0	19.0	18.0	19.0	24	19.0
30	23.0	17.0	16.0	21.0	20.0	21.0	20.0	18.0	17.0	16.0	21.0	15.0	23.0	18.0	15.0	7.0	12.0	7.0	9.0	14.0	15.0	25.0	13.0	11.0	24	25.0
31	11.0	9.0	10.0	13.0	5.0	3.0	4.0	4.0	6.0	13.0	12.0	7.0	6.0	3.0	2.0	7.0	5.0	7.0	6.0	3.0	5.0	5.0	5.0	3.0	24	13.0
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	29	29	31	31	31	31	31	31	31	31	31		
MAX:	31.0	31.0	33.0	34.0	30.0	29.0	25.0	26.0	21.0	27.0	21.0	30.0	25.0	18.0	24.0	18.0	19.0	16.0	13.0	19.0	23.0	25.0	20.0	22.0		
AVG:	12.35	12.10	11.97	12.84	11.16	10.74	10.74	10.29	9.13	10.87	10.23	9.19	9.42	8.69	8.76	8.13	7.26	6.94	6.06	7.87	10.61	10.58	10.90	11.61		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 9.94 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.

(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: (145) R & P Model 2025 PM-2.5 Sequential
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2017

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	6.2			2.2	6.0				4.5	3.6		
2			AV					14.8				
3		4.4				11.2	9.2				11.4	15.4
4	3.3			6.5	6.4				11.1	8.0		
5			AV					5.4				
6		11.6				AN	7.2				13.6	4.4
7	6.4 V			2.0	3.3	5.0			AG	6.3		
8			AV					AN				
9		3.2				BJ	7.7				1.5 V	7.2
10	14.7		6.1	9.0	13.2	11.8		10.5	3.5	9.2		
11			3.7					8.9				
12		11.0	4.1			BJ	11.8				14.0	6.5
13	8.0			9.0	2.7	9.4			6.9	4.0		
14			3.5					11.8				
15		BJ				7.5	7.1				AN	10.3
16	10.6	2.8		14.4	10.9				7.1	4.2		
17			10.9					9.8				
18		12.0				7.4	7.4				9.1	21.3
19	7.3			5.6	8.7				AN	8.8		
20			6.5					10.7				
21		12.1				4.6	13.0				12.2	10.2
22	2.5			8.4	4.1				13.3	11.5	8.0	
23			5.9					10.3				
24		9.0				5.7	8.7				17.0	3.0
25	5.8			1.0 V	3.5				9.1	4.6		
26			6.5					11.1				
27		12.3				7.0	13.0				8.7	9.7
28	5.4			13.0	4.2				13.0	7.3		
29			5.7					4.3				
30						7.3	4.9				17.8	12.1
31	7.7				7.1					9.7		
NO.:	11	9	9	10	11	10	10	10	8	11	10	10
MAX:	14.7	12.3	10.9	14.4	13.2	11.8	13.0	14.8	13.3	11.5	17.8	21.3
MEAN:	7.08	8.71	5.88	7.11	6.37	7.69	9.00	9.76	8.56	7.02	11.33	10.01

ANNUAL OBSERVATIONS: 119 ANNUAL MEAN: 8.18 ANNUAL MAX: 21.3

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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-057-0002 POC: 2
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:

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: 2.4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
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: 2017

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				2.3	5.8							
2			2.4									
3												
4												
5												
6		11.1				5.1						
7	7.0 V			3.0	3.1							
8			4.3									
9												
10												
11												
12		11.2				9.5						
13	BJ			9.4	3.0							
14			3.7									
15												
16												
17												
18		BJ				8.2						
19	7.1			5.9	9.2							
20			6.5									
21												
22												
23												
24		9.2				5.8						
25	5.9			1.2 V	3.7							
26			6.4									
27												
28												
29												
30				AN								
31	7.5				6.9							
NO.:	4	3	5	5	6	4	0	0	0	0	0	0
MAX:	7.5	11.2	6.5	9.4	9.2	9.5						
MEAN:	6.88	10.50	4.66	4.36	5.28	7.15						

ANNUAL OBSERVATIONS: 27 ANNUAL MEAN: 6.09 ANNUAL MAX: 11.2

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.

(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: 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 2017

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

DAY	HOUR 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	6.7	8.4	6.4	4.0	5.0	4.8	5.0	7.7	10.6	11.1	6.7	2.3	2.3	4.5	4.5	4.5	5.3	7.9	10.1	6.7	7.4	6.9	6.2	3.8	24	11.1
2	3.0	2.5	1.8	1.3	1.6	1.6	1.8	.8	2.3	3.3	.4	-2.0	.9	1.1	-1.0	-.8	1.6	1.6	1.6	2.8	3.1	5.5	7.2	5.0	24	7.2
3	1.6	-.3	1.3	-.1	-2.0	-.6	-2.3	-3.5	-2.0	.4	1.1	AX	BA	BA	6.7	7.9	7.7	4.5	2.8	6.0	7.9	6.7	10.6	10.4	21	10.6
4	7.9	6.5	6.0	6.2	7.9	8.6	9.9	11.8	7.2	4.7	2.5	-.8	-1.3	-.1	.9	-.1	-.1	1.1	2.3	1.1	.8	1.1	-.3	-.1	24	11.8
5	3.0	2.8	2.8	4.0	4.5	5.5	8.1	9.1	6.7	4.7	4.3	2.3	.8	1.8	1.1	4.7	5.0	4.5	3.8	3.5	5.5	6.9	8.4	10.6	24	10.6
6	8.9	6.7	5.7	8.4	7.7	9.1	8.1	13.0	17.2	8.2	5.3	1.8	.8	2.8	3.8	6.0	4.5	6.2	5.7	4.0	5.0	6.5	5.3	5.7	24	17.2
7	5.3	4.5	6.2	4.0	6.0	5.7	7.7	6.2	6.0	4.5	3.8	3.0	4.7	6.2	5.5	4.7	6.2	6.4	7.7	7.4	8.1	6.9	12.3	12.6	24	12.6
8	11.1	8.1	5.7	6.2	6.7	8.6	7.2	8.4	9.4	8.9	7.7	7.7	4.5	2.8	4.7	4.8	5.3	3.0	2.6	5.3	11.4	7.7	10.9	10.6	24	11.4
9	12.1	15.0	17.9	7.2	17.2	16.7	19.2	24.5	16.5	17.5	4.0	6.2	7.4	8.2	7.4	9.1	8.1	11.1	13.1	16.7	14.4	25.5	21.1	21.6	24	25.5
10	13.2	15.5	20.1	14.5	16.7	18.9	18.9	23.8	20.3	18.4	16.0	17.2	11.4	7.2	6.0	7.9	8.7	9.9	16.5	12.3	16.2	10.3	21.3	17.0	24	23.8
11	18.2	19.9	18.4	13.5	18.7	17.5	20.6	17.4	19.6	26.9	19.2	16.0	15.5	14.2	14.0	13.6	12.6	15.5	10.6	11.4	14.7	15.5	12.1	16.5	24	26.9
12	17.0	10.6	6.7	10.6	11.4	9.9	13.6	14.2	10.9	18.7	10.9	8.2	6.0	8.2	6.2	5.0	3.1	5.0	6.5	6.0	7.4	5.0	3.0	3.3	24	18.7
13	8.2	11.6	8.7	16.5	14.7	15.2	13.3	12.3	11.6	8.4	9.1	7.7	5.5	2.8	1.2	.9	2.6	9.9	8.2	6.5	7.5	5.0	3.0	6.2	24	16.5
14	10.1	7.9	5.3	2.8	5.7	5.0	5.3	5.3	4.8	4.8	7.9	5.0	4.0	5.7	4.7	4.7	7.7	8.4	9.1	14.9	14.2	16.7	13.8	17.4	24	17.4
15	24.7	24.0	22.6	19.1	26.0	18.4	19.4	25.2	25.5	23.0	13.6	9.1	5.7	4.0	4.5	4.3	4.0	5.8	7.9	10.3	7.7	8.1	8.4	6.0	24	26.0
16	7.4	7.2	4.7	8.9	8.9	8.2	5.0	5.5	14.7	12.6	7.7	5.0	5.5	7.2	7.9	8.6	10.8	11.3	13.1	16.5	14.7	12.3	12.8	13.3	24	16.5
17	10.1	14.0	14.2	21.3	16.2	19.2	18.9	17.0	15.4	12.1	10.8	8.4	10.3	7.7	9.8	11.8	12.5	9.8	11.3	11.3	10.3	14.0	12.8	12.1	24	21.3
18	15.2	9.1	11.3	13.3	10.3	9.8	13.5	14.9	10.3	7.9	3.5	-.8	-.8	-.3	.4	2.3	4.0	2.8	3.0	4.5	15.0	6.9	2.3	7.7	24	15.2
19	8.9	7.6	7.9	7.7	6.5	8.1	7.9	9.4	13.0	7.9	4.5	.6	-2.3	-1.5	.1	1.3	.7	1.3	7.0	9.1	9.6	11.6	10.6	14.9	24	14.9
20	12.8	12.5	9.4	10.1	9.4	6.0	5.7	10.3	9.1	9.9	9.8	9.4	14.2	15.5	14.7	17.2	14.3	18.9	8.9	14.0	10.6	13.3	12.3	13.5	24	18.9
21	11.8	15.7	14.0	15.0	12.8	14.7	15.2	9.6	12.3	11.3	7.2	5.3	10.4	8.4	11.3	8.9	5.2	4.0	2.8	3.3	1.2	4.5	2.3	-1.5	24	15.7
22	2.5	2.1	1.3	1.2	2.8	2.1	.7	1.6	3.3	3.8	2.0	2.1	2.8	2.0	2.1	1.8	2.8	4.7	5.0	3.0	1.3	1.8	.4	.2	24	5.0
23	-.3	-.8	-.1	.2	.4	-.1	-.3	1.3	1.3	-.1	.9	2.3	4.5	2.5	-.8	.9	1.1	-.4	2.1	3.0	.9	-2.0	-2.5	-1.8	24	4.5
24	-2.0	-1.0	1.8	2.0	1.3	.7	2.8	3.5	4.5	2.1	-1.7	AX	BA	-4.5	-1.1	1.3	-1.1	-2.3	-1.6	.2	.9	1.3	2.5	1.6	22	4.5
25	2.0	6.2	1.8	2.0	4.7	16.9	7.4	8.8	11.3	9.8	7.9	4.5	4.5	3.0	3.0	2.3	.4	.2	1.3	1.1	3.3	3.5	3.3	4.7	24	16.9
26	4.5	6.9	5.7	3.5	7.9	8.1	8.1	11.8	12.6	10.6	6.9	.8	-3.5	-2.8	-3.0	-1.1	.6	1.3	2.3	1.3	-.1	-.6	9.6	6.2	24	12.6
27	2.3	2.3	2.8	4.0	5.2	3.3	.2	-.8	2.3	4.5	2.6	1.8	1.8	2.3	.8	.8	2.8	1.8	1.8	1.3	1.0	2.0	3.3	2.5	24	5.2
28	1.8	5.0	4.5	3.3	4.0	6.7	5.5	6.7	9.4	6.4	4.2	4.0	-.4	-2.5	-1.8	-2.5	.6	2.0	1.3	4.5	5.7	3.5	2.0	1.6	24	9.4
29	2.8	3.3	6.7	9.1	8.2	8.9	11.3	17.2	8.2	5.0	5.0	4.0	1.8	3.0	2.3	1.3	1.6	3.0	5.3	4.2	1.6	1.6	1.3	1.6	24	17.2
30	2.5	.8	-.6	1.8	1.6	2.5	3.8	1.5	.6	-1.5	-2.8	-1.1	-.1	.4	2.0	.4	-1.8	-1.1	2.5	3.5	8.2	5.0	21.3	5.2	24	21.3
31	4.2	4.8	8.6	6.2	5.5	6.2	7.2	6.7	20.4	10.6	10.8	6.2	3.8	4.8	5.3	7.9	6.0	9.6	19.6	11.6	7.7	4.0	3.3	5.5	24	20.4
NO.:	31	31	31	31	31	31	31	31	31	31	31	29	29	30	31	31	31	31	31	31	31	31	31	31		
MAX:	24.7	24.0	22.6	21.3	26.0	19.2	20.6	25.2	25.5	26.9	19.2	17.2	15.5	15.5	14.7	17.2	14.3	18.9	19.6	16.7	16.2	25.5	21.3	21.6		
AVG:	7.66	7.72	7.41	7.35	8.18	8.59	8.67	9.72	10.17	8.92	6.19	4.70	4.16	3.82	3.97	4.53	4.61	5.41	6.26	6.69	7.20	7.00	7.77	7.55		

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 6.86 MONTHLY MAX: 26.9

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: 37-057-0002 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: 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 2017

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

DAY	HOUR 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	7.7	9.6	11.4	10.4	17.2	15.2	15.7	17.0	14.2	19.2	15.5	13.3	10.1	9.6	6.7	7.9	6.0	3.8	3.8	12.8	8.9	14.0	7.9	7.7	24	19.2
2	7.0	9.6	13.3	12.1	13.3	13.3	14.0	12.3	13.1	8.7	7.4	7.0	7.7	5.8	3.5	4.5	4.5	8.2	13.8	11.1	19.2	7.2	5.0	5.3	24	19.2
3	4.8	1.6	-.1	2.6	5.3	3.8	1.4	1.8	2.8	2.6	3.5	3.0	5.8	4.0	5.0	4.0	4.0	5.0	7.0	5.7	6.2	4.5	3.3	2.3	24	7.0
4	3.3	2.6	1.3	2.3	2.6	4.8	9.4	7.9	7.4	6.0	2.8	.4	.8	6.7	5.7	3.3	3.5	6.7	9.4	12.8	9.6	14.0	13.2	11.8	24	14.0
5	12.1	13.7	12.6	12.6	10.1	13.1	9.4	11.6	10.6	9.4	7.4	6.5	6.2	6.2	6.5	7.5	8.7	9.6	6.7	8.2	14.7	9.4	9.2	14.0	24	14.7
6	14.5	13.1	10.4	14.7	12.3	12.8	22.1	24.0	27.2	16.7	10.9	8.9	4.5	4.8	3.3	2.3	2.3	7.0	10.4	14.5	10.4	12.4	14.2	14.5	24	27.2
7	14.0	22.1	14.0	14.5	15.5	12.9	12.4	16.7	14.5	AX	AX	BA	5.0	6.2	5.3	9.7	8.9	10.4	10.9	11.1	7.7	16.0	12.6	7.2	21	22.1
8	2.6	2.3	2.8	1.9	10.1	8.2	5.0	4.8	6.7	10.1	9.2	6.2	6.7	6.2	4.1	8.9	8.4	6.0	8.7	6.0	6.2	8.2	10.1	9.2	24	10.1
9	10.1	7.4	4.1	1.8	1.4	2.8	1.8	.4	.0	.8	.0	-.5	-1.5	-2.0	.2	-.8	.6	2.8	2.6	3.8	2.8	1.1	1.6	2.5	24	10.1
10	3.8	4.0	4.0	5.3	5.0	6.0	5.3	4.8	13.1	10.6	6.5	6.0	5.3	4.0	2.8	2.8	1.1	1.6	3.0	4.3	5.5	3.5	6.5	8.9	24	13.1
11	10.4	7.2	4.5	8.1	12.1	15.7	17.7	25.2	20.8	17.7	13.1	12.3	10.6	10.6	9.6	7.2	11.1	7.2	4.3	12.4	11.1	11.9	7.0	5.5	24	25.2
12	7.2	8.9	7.4	6.5	9.2	8.7	10.1	11.8	11.1	10.4	11.6	9.9	9.2	10.9	10.6	11.6	12.4	12.4	13.1	10.9	8.2	10.6	6.5	2.1	24	13.1
13	2.4	2.6	5.3	4.5	1.8	-1.5	-1.8	1.3	.4	-.1	2.6	2.1	-1.5	-3.0	-2.5	-1.3	4.0	3.5	2.3	1.6	.4	-.6	-.6	2.3	24	5.3
14	2.3	2.1	3.8	7.9	8.4	5.8	9.9	8.4	17.0	3.0	4.3	3.3	10.1	7.9	6.7	5.0	8.2	10.6	12.8	9.4	12.8	14.5	11.4	15.2	24	17.0
15	12.3	11.9	12.8	8.9	7.5	9.2	5.8	7.9	6.5	4.3	1.4	-1.0	2.3	3.1	1.8	4.3	4.0	2.1	-.1	.6	3.5	4.5	2.6	2.6	24	12.8
16	3.8	2.5	.8	2.6	2.3	1.8	3.3	2.3	1.6	1.1	-1.3	-2.2	-1.3	-.6	-.1	1.4	1.4	2.8	1.8	1.6	4.8	4.3	2.1	9.9	24	9.9
17	12.8	8.7	5.8	5.0	7.0	7.4	7.2	8.2	7.7	6.5	3.6	AZ	AZ	4.0	2.8	2.1	4.5	4.8	5.0	3.5	2.5	3.3	12.8	11.1	22	12.8
18	15.7	14.0	10.6	12.3	12.3	11.3	13.5	15.5	4.5	12.3	12.1	9.9	6.7	4.3	4.1	5.3	6.0	6.0	13.3	11.6	15.5	20.9	19.6	20.9	24	20.9
19	18.5	20.6	13.3	18.9	22.8	12.1	14.0	20.8	7.0	6.3	4.1	1.8	3.1	7.0	4.3	2.1	3.1	2.3	5.3	7.5	10.4	9.7	5.7	10.4	24	22.8
20	15.0	11.9	10.1	10.4	10.1	17.0	14.0	16.7	16.2	15.0	10.0	5.8	3.1	3.3	5.0	6.2	5.5	7.9	9.7	15.5	14.3	15.5	17.5	21.1	24	21.1
21	18.0	20.9	18.7	18.4	18.0	11.6	18.0	13.8	10.1	8.7	7.9	6.5	8.4	8.4	6.0	6.2	8.4	12.4	11.8	8.4	7.7	8.9	10.4	14.2	24	20.9
22	13.1	12.4	11.4	12.9	15.2	11.9	10.6	10.6	10.4	15.2	9.7	12.6	11.6	10.1	11.4	7.0	7.7	10.4	8.2	14.7	14.3	15.7	17.7	20.6	24	20.6
23	18.9	19.2	19.2	22.1	18.4	17.5	16.2	18.4	18.9	12.8	6.7	5.3	5.3	3.3	3.5	.9	6.7	8.7	11.4	23.3	21.8	12.3	13.6	9.9	24	23.3
24	7.2	6.0	7.5	6.7	8.9	13.1	11.4	13.8	16.5	7.7	6.2	6.3	4.6	1.6	.2	2.3	6.5	19.0	13.6	9.6	5.0	5.3	4.8	5.0	24	19.0
25	8.2	9.4	20.6	17.7	14.5	12.6	7.9	11.1	8.2	7.5	5.8	6.5	8.2	5.8	7.7	9.4	6.0	3.1	2.8	1.1	.2	1.1	2.8	1.8	24	20.6
26	-.3	3.3	3.0	.6	-.3	3.0	3.1	2.3	1.8	5.3	6.0	2.6	3.3	3.0	.2	.4	-.8	-.1	2.5	8.4	11.4	6.9	7.7	9.4	24	11.4
27	10.3	11.1	8.2	7.2	8.4	6.4	7.0	16.7	10.9	8.9	6.9	6.7	4.3	25.8	10.4	5.7	6.5	17.2	23.5	23.8	21.6	23.1	15.7	18.9	24	25.8
28	12.6	14.7	8.7	8.2	7.5	14.7	14.2	13.8	22.6	15.2	9.9	12.3	8.4	6.5	4.5	3.8	4.0	6.2	7.2	14.0	24.5	36.8	24.8	21.3	24	36.8
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	27	27	26	27	28	28	28	28	28	28	28	28	28	28	28		
MAX:	18.9	22.1	20.6	22.1	22.8	17.5	22.1	25.2	27.2	19.2	15.5	13.3	11.6	25.8	11.4	11.6	12.4	19.0	23.5	23.8	24.5	36.8	24.8	21.3		
AVG:	9.58	9.76	8.77	9.18	9.89	9.69	9.95	11.43	10.78	8.96	6.81	5.83	5.44	5.84	4.62	4.63	5.47	7.06	8.03	9.58	10.04	10.54	9.49	10.20		

MONTHLY OBSERVATIONS: 667 MONTHLY MEAN: 8.41 MONTHLY MAX: 36.8

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: 37-057-0002 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: SLAMS
COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	22.6	26.2	16.5	19.9	15.2	12.6	16.2	11.9	15.5	16.5	11.6	9.7	10.4	7.7	7.4	7.0	6.9	10.4	6.5	1.4	1.2	1.8	4.0	2.3	24	26.2
2	3.1	5.5	3.3	.4	1.8	3.1	1.8	1.1	1.1	1.6	1.3	1.6	2.1	1.6	1.1	-.3	-1.1	1.8	3.3	1.1	.4	2.6	2.8	1.1	24	5.5
3	3.5	3.0	1.3	.6	4.0	4.0	6.5	7.4	3.8	1.8	1.3	-1.6	-1.8	.2	3.0	5.0	2.6	.4	3.0	3.8	4.5	4.0	3.3	2.1	24	7.4
4	6.0	8.2	9.6	11.8	9.4	7.7	6.0	11.1	6.7	4.7	4.3	3.8	3.3	2.1	3.8	5.5	6.2	5.0	4.5	5.7	18.7	14.0	17.7	20.4	24	20.4
5	16.2	17.9	16.5	14.7	14.0	11.4	8.2	9.1	6.0	4.8	4.8	6.0	4.1	5.7	7.7	4.5	4.8	5.5	8.2	21.3	13.7	11.3	12.1	8.4	24	21.3
6	8.6	7.9	11.1	10.4	12.6	16.5	13.3	16.0	14.0	13.1	13.3	13.8	11.8	11.8	8.7	7.7	9.1	12.8	13.3	20.6	16.2	12.6	10.4	19.9	24	20.6
7	24.0	29.4	33.6	29.4	24.3	18.2	19.2	18.7	13.8	12.1	9.2	6.2	7.0	4.3	4.3	4.1	6.0	7.5	12.4	8.7	7.2	9.7	11.1	9.4	24	33.6
8	14.8	8.4	9.9	12.1	11.4	9.6	5.0	5.8	3.3	1.6	1.6	-2.0	-2.0	.2	2.8	2.1	.0	-1.3	-2.5	-.5	3.1	2.3	2.8	3.1	24	14.8
9	2.6	3.6	5.8	7.5	7.0	5.5	7.7	5.3	9.7	5.5	.3	-.3	AX	BA	BC	3.0 6	1.0 6	3.0 6	4.0 6	1.0 6	2.0 6	8.0 6	8.0 6	8.0 6	21	9.7
10	6.0 6	8.0 6	10.0 6	11.0 6	10.0 6	9.0 6	8.0 6	11.0 6	12.0 6	9.1 6	5.5	4.8	3.8	1.6	2.6	-.3	-3.2	-.6	1.1	1.1	1.6	.2	.6	2.3	24	12.0
11	1.6	5.3	4.8	2.5	1.6	3.3	2.3	.3	.6	2.1	2.0	.6	2.0	2.5	.6	2.8	7.4	5.5	2.3	2.8	3.3	5.3	5.0	8.6	24	8.6
12	7.4	4.5	2.1	4.3	3.5	2.3	2.5	4.0	5.8	5.2	2.3	-.6	7.2	7.0	6.7	5.8	3.3	9.2	6.2	7.7	11.6	7.7	5.3	5.8	24	11.6
13	6.7	7.9	6.5	10.1	8.2	8.4	13.5	12.3	13.3	9.1	5.5	4.7	5.7	6.0	5.7	9.1	8.6	7.2	4.5	5.5	5.0	3.3	.4	-1.3	24	13.5
14	.8	4.3	3.3	3.3	5.0	4.0	4.8	3.8	2.1	.8	2.6	4.0	4.4	2.8	1.4	.6	2.6	3.8	5.5	5.8	3.8	1.1	1.8	2.6	24	5.8
15	1.1	2.1	2.6	1.8	4.5	8.9	7.0	5.3	3.3	2.8	1.1	.6	1.8	2.3	2.3	2.3	3.3	2.3	1.6	1.8	1.4	3.1	4.0	3.8	24	8.9
16	3.6	2.1	.9	3.6	3.8	8.2	6.5	5.3	7.7	5.8	6.0	6.2	7.2	4.5	6.5	5.7	4.3	5.3	4.8	4.3	6.0	4.3	4.3	6.7	24	8.2
17	7.9	9.1	11.8	13.0	12.6	17.2	18.0	22.5	11.9	9.9	7.4	4.5	9.2	7.9	9.6	10.1	8.2	7.7	9.4	7.9	12.8	13.3	17.0	20.6	24	22.5
18	20.8	14.0	14.7	18.2	19.2	21.3	20.6	20.4	25.5	21.8	26.5	20.1	21.3	16.7	6.7	6.7	2.3	4.5	5.3	3.8	4.5	4.5	3.1	2.3	24	26.5
19	2.3	4.3	2.1	-.3	1.6	.8	1.1	1.6	.7	1.1	1.3	.7	-1.1	-.1	1.8	.8	-2.5	-2.5	1.4	.4	1.6	4.5	6.7	6.0	24	6.7
20	6.2	5.0	6.2	5.7	7.4	6.2	8.4	15.2	8.4	8.7	5.0	5.5	4.0	3.1	5.1	3.0	.4	2.3	3.0	4.8	4.5	5.7	4.5	5.0	24	15.2
21	11.4	8.9	BJ	BJ	BJ	BJ	BJ	BJ	BJ	AX	BA	8.4	6.5	8.9	11.4	12.4	11.9	9.2	7.7	8.4	15.0	13.6	15.0	11.2	15	15.0
22	9.6	6.2	4.3	6.0	6.5	4.1	4.8	5.3	4.0	5.0	2.8	-.3	-2.0	1.9	3.0	-1.0	-2.2	1.1	.4	-1.0	4.8	3.8	.2	.6	24	9.6
23	2.3	3.0	3.5	3.3	4.3	5.5	6.5	4.8	5.3	4.0	1.1	1.1	2.1	2.8	2.8	3.3	4.0	3.5	3.5	4.8	4.5	11.4	12.6	14.2	24	14.2
24	8.9	11.2	8.2	6.2	4.0	8.9	11.6	16.0	12.8	12.6	9.4	10.4	6.2	3.5	6.7	8.7	5.8	4.8	5.3	8.4	6.2	8.2	11.4	13.3	24	16.0
25	12.3	9.4	9.7	12.8	9.9	14.2	10.9	12.1	7.7	5.5	3.6	1.0	.5	4.3	4.5	1.4	7.9	7.7	4.6	3.8	5.3	5.5	5.3	9.4	24	14.2
26	10.6	11.9	9.4	7.2	7.7	8.7	8.7	9.2	9.4	6.5	3.8	3.3	2.8	4.5	6.3	4.8	3.5	5.8	8.0	5.5	6.7	6.2	5.8	7.2	24	11.9
27	4.8	4.5	4.1	6.2	4.8	5.3	3.8	3.3	4.5	5.0	6.5	7.0	7.7	7.2	6.2	9.4	9.7	9.9	12.3	11.4	9.7	11.9	16.0	13.1	24	16.0
28	9.9	7.5	8.4	7.5	7.2	6.0	4.0	4.8	4.3	7.9	5.3	2.8	3.8	3.5	6.0	5.3	3.0	2.1	1.1	1.1	.7	1.1	1.3	.4	24	9.9
29	.7	1.8	2.3	1.2	1.3	5.2	4.8	5.7	3.0	-.6	4.5	4.5	4.5	3.8	3.8	4.5	4.5	5.0	5.5	6.7	7.4	11.3	8.2	7.9	24	11.3
30	7.7	9.1	11.3	14.5	12.8	15.9	7.9	11.4	11.3	6.7	2.8	4.5	5.0	5.3	8.9	10.9	7.5	13.3	8.9	13.8	14.7	13.8	6.5	2.3	24	15.9
31	5.5	4.0	5.3	4.5	5.3	4.5	3.8	7.7	5.3	2.5	.9	2.6	7.9	3.3	-.3	4.3	2.1	.4	2.5	5.7	3.8	1.4	2.5	3.0	24	7.9
NO.:	31	31	30	30	30	30	30	30	30	30	30	31	30	30	30	31	31	31	31	31	31	31	31	31		
MAX:	24.0	29.4	33.6	29.4	24.3	21.3	20.6	22.5	25.5	21.8	26.5	20.1	21.3	16.7	11.4	12.4	11.9	13.3	13.3	21.3	18.7	14.0	17.7	20.6		
AVG:	8.05	8.20	7.97	8.31	8.03	8.55	8.11	8.95	7.76	6.44	5.12	4.31	4.85	4.56	4.90	4.81	4.13	4.92	5.08	5.73	6.51	6.69	6.76	7.09		

MONTHLY OBSERVATIONS: 732 MONTHLY MEAN: 6.49 MONTHLY MAX: 33.6

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-057-0002 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: SLAMS
COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

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

DAY	HOUR 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	1.3	.9	.9	-.3	.1	-.3	-1.0	.1	.1	-.3	.6	3.5	3.9	2.2	.6	.3	2.0	1.8	1.8	2.0	.4	-1.0	-1.2	24	3.9
2	.0	1.5	.6	-1.0	1.3	2.3	2.5	2.3	-.8	-2.9	-1.5	.1	.9	.6	.6	.8	4.5	2.0	.6	6.4	8.6	10.8	14.7	17.4	24	17.4
3	14.7	9.3	7.4	7.7	8.3	7.4	5.7	5.5	AX	BA	1.5	2.3	-.3	1.3	5.9	7.1	4.7	2.3	3.5	6.2	8.1	5.2	2.5	1.1	22	14.7
4	4.7	5.2	5.2	6.6	5.7	5.4	7.8	7.9	6.7	5.9	4.7	2.5	1.5	-1.2	-.8	1.8	2.5	2.0	2.7	7.1	11.1	7.6	7.4	11.5	24	11.5
5	13.2	16.4	13.3	10.8	14.9	14.0	9.6	13.5	8.8	7.4	5.4	7.4	17.9	9.3	13.0	9.3	5.7	4.7	4.5	3.7	3.0	4.7	9.1	7.2	24	17.9
6	7.9	6.7	7.4	6.6	5.2	4.0	5.7	5.2	3.0	1.5	3.2	2.5	1.1	.4	-2.2	-2.5	.4	-.3	-1.5	-1.5	-1.5	-.3	.1	.1	24	7.9
7	-1.5	-1.5	.4	.8	.6	.1	-1.0	.8	1.1	-1.7	-2.0	-1.0	-1.5	-1.3	-1.2	-1.5	.6	1.3	.1	.8	3.0	2.8	4.7	3.7	24	4.7
8	5.0	5.7	4.9	4.7	2.2	2.5	6.9	13.5	9.1	4.7	2.0	1.8	.6	.1	.1	1.3	.0	-.7	-.5	5.7	7.9	24.9	17.2	15.4	24	24.9
9	21.5	15.7	16.7	18.4	16.2	15.7	16.2	8.8	7.6	5.9	3.3	3.0	3.5	3.0	2.3	.1	4.0	3.7	3.3	4.0	3.7	6.9	7.2	9.8	24	21.5
10	8.1	6.9	7.2	7.9	9.1	8.4	7.9	5.9	10.1	9.6	9.1	5.7	5.0	5.7	5.5	5.5	6.2	5.2	6.4	6.2	8.4	12.3	18.2	22.5	24	22.5
11	17.4	11.6	11.3	7.6	6.2	6.7	5.9	4.7	3.7	2.3	1.0	1.8	2.0	3.7	3.7	5.2	4.2	5.2	6.9	4.2	4.2	7.9	8.4	10.6	24	17.4
12	8.6	9.6	9.6	9.4	7.6	10.3	7.6	7.9	9.6	7.4	7.9	9.4	6.4	5.2	6.2	3.8	1.3	2.0	2.5	12.5	11.1	13.8	11.8	11.5	24	13.8
13	16.2	10.3	8.9	10.1	6.9	15.4	12.0	6.4	6.4	7.7	6.2	5.9	4.7	5.2	3.8	2.5	5.5	5.2	5.2	9.4	13.7	10.8	8.6	12.0	24	16.2
14	10.8	12.8	16.7	11.3	12.8	7.9	7.4	7.6	10.6	9.1	6.9	9.6	12.0	12.3	13.3	11.8	14.3	18.6	7.1	13.3	11.8	14.9	17.2	10.1	24	18.6
15	10.3	14.7	12.8	13.7	14.9	13.0	14.3	9.8	8.8	11.3	6.0	5.2	6.2	10.1	6.4	7.6	7.6	7.1	7.4	8.4	7.2	7.9	9.8	11.3	24	14.9
16	13.5	9.1	8.6	8.9	16.1	8.4	8.8	13.5	10.1	7.9	33.6	37.8	18.7	12.6	7.9	10.8	19.4	15.6	13.2	11.8	10.1	12.5	8.6	11.6	24	37.8
17	11.1	11.6	10.3	10.6	9.3	9.1	8.4	7.2	AX	AX	BA	8.4	12.3	7.9	5.7	7.4	5.4	5.5	7.2	6.4	8.6	6.4	11.0	6.4	21	12.3
18	4.2	2.5	.9	3.2	5.2	7.1	9.3	7.4	8.6	7.6	4.2	1.1	2.0	3.5	5.4	5.2	5.4	6.9	8.6	8.9	10.1	8.3	5.5	4.5	24	10.1
19	6.2	7.1	5.2	3.0	2.3	6.7	4.7	3.0	4.4	4.0	2.0	2.7	5.0	4.2	5.0	5.0	5.7	7.9	8.6	8.1	7.9	6.2	12.5	11.6	24	12.5
20	15.2	13.8	14.4	13.0	22.5	18.9	17.1	15.9	7.9	7.9	9.8	10.1	11.5	12.3	13.5	8.9	11.5	11.8	7.4	10.8	12.0	10.1	10.8	11.3	24	22.5
21	8.6	18.4	10.8	12.8	11.5	11.3	16.9	11.1	10.8	12.8	10.1	9.8	10.1	8.1	7.9	5.7	4.7	5.2	6.9	5.7	8.9	8.4	9.1	7.2	24	18.4
22	7.4	11.3	13.0	9.8	10.1	10.3	15.4	11.6	13.7	13.0	13.0	8.6	8.8	8.4	10.8	6.7	8.6	5.4	3.7	4.0	3.5	.4	-.8	.1	24	15.4
23	-1.5	-1.0	-1.7	-1.7	-2.5	-1.5	.0	-1.2	4.4	3.7	1.1	1.8	.9	-.5	2.3	1.8	-1.7	-2.7	.6	2.0	.6	2.5	3.0	3.3	24	4.4
24	3.0	1.3	.6	.1	-3.4	-1.3	1.5	.0	-.3	1.5	-1.1	-2.8	-1.1	2.2	1.5	-1.0	-1.5	.1	-.6	-1.3	2.5	3.2	1.7	3.2	24	3.2
25	2.5	.1	-.3	-.8	-1.0	-1.5	-1.5	-1.8	-.1	.8	-.3	-.8	-.3	.3	-.1	-.6	.1	.8	2.5	1.7	2.0	2.2	1.7	2.4	24	2.5
26	.3	.3	3.4	4.2	3.7	5.2	4.6	14.5	8.6	4.9	3.0	5.9	3.5	2.5	3.9	5.2	7.4	6.6	6.4	8.6	10.8	8.8	11.1	11.0	24	14.5
27	11.5	13.8	14.0	16.9	10.6	12.5	15.7	14.4	14.4	18.1	16.9	42.6	37.3	12.8	9.1	5.7	5.9	8.8	12.0	14.0	12.8	15.2	16.7	15.7	24	42.6
28	23.5	15.2	12.3	10.8	10.3	7.6	11.1	13.5	11.3	12.3	10.3	12.8	10.6	13.3	9.8	15.9	15.6	12.3	16.1	14.7	20.5	16.2	20.5	18.6	24	23.5
29	14.0	16.4	18.4	12.5	21.5	18.1	16.4	15.9	20.1	15.4	15.6	15.2	15.7	17.2	15.4	12.0	18.1	24.7	17.4	12.0	11.6	15.9	10.6	15.7	24	24.7
30	3.0	5.4	5.7	8.1	7.6	5.9	7.6	7.9	5.9	6.9	7.1	5.0	5.4	7.4	5.2	3.0	2.0	1.6	1.8	4.4	3.7	.6	4.4	5.0	24	8.1
31																									0	
NO.:	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:	23.5	18.4	18.4	18.4	22.5	18.9	17.1	15.9	20.1	18.1	33.6	42.6	37.3	17.2	15.4	15.9	19.4	24.7	17.4	14.7	20.5	24.9	20.5	22.5		
AVG:	8.71	8.38	7.96	7.56	7.85	7.67	8.14	7.72	7.31	6.61	6.16	7.17	6.80	5.68	5.40	4.84	5.61	5.69	5.39	6.67	7.60	8.25	8.74	9.02		

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 7.12 MONTHLY MAX: 42.6

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-057-0002 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: 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 2017

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

DAY	HOUR 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	7.4	7.1	7.4	6.6	5.0	4.9	5.4	4.7	3.7	2.2	5.2	9.3	7.6	7.1	7.1	8.8	5.2	2.7	3.2	6.9	4.9	4.7	6.9	24	9.3
2	5.2	8.3	6.4	4.4	5.2	3.5	2.7	2.5	3.5	1.7	.8	2.0	-.6	-.5	2.0	1.1	-.3	1.7	2.0	5.2	9.3	6.1	9.8	10.8	24	10.8
3	8.3	7.1	4.9	2.5	3.9	6.4	4.9	2.2	.9	.6	3.0	1.7	-.8	-.8	.3	1.3	1.5	2.5	1.5	4.9	4.5	2.0	4.5	4.5	24	8.3
4	4.4	3.5	3.0	3.0	4.4	7.4	8.6	5.4	4.2	1.3	1.5	4.5	3.7	5.4	8.1	10.0	6.2	3.0	2.3	3.7	5.0	4.9	5.2	4.0	24	10.0
5	1.4	.9	1.1	2.5	2.0	1.4	3.0	2.7	2.5	4.4	6.4	3.7	2.4	2.2	3.7	4.4	5.2	3.4	2.5	3.2	1.2	1.1	.6	.8	24	6.4
6	1.5	3.4	.8	-3.5	-1.0	-.1	.6	.6	-.6	-.6	-.3	1.5	3.4	2.9	3.7	2.0	2.2	3.7	1.3	.3	.3	.8	1.0	-.1	24	3.7
7	-.8	1.0	4.2	4.4	4.7	5.7	6.4	4.2	1.5	2.7	2.7	-.6	-1.8	-.3	1.0	1.5	-1.3	2.0	3.0	3.2	4.7	5.7	2.9	3.0	24	6.4
8	3.7	3.7	6.1	7.4	5.7	4.2	6.9	5.4	4.0	2.2	-1.3	.6	2.2	.5	-.1	-1.0	.3	1.7	.8	.1	1.5	5.7	4.9	5.9	24	7.4
9	7.1	9.8	7.6	9.5	6.2	2.5	5.0	6.2	5.4	5.2	2.5	4.7	5.4	4.5	4.0	4.2	3.2	6.4	6.9	8.3	8.6	8.3	8.6	6.9	24	9.8
10	8.6	7.1	9.6	9.1	10.6	11.3	9.3	9.8	7.6	10.6	12.8	15.9	14.2	14.4	14.2	9.1	8.1	11.3	18.9	19.1	19.6	23.7	22.3	21.3	24	23.7
11	23.5	22.8	18.9	19.8	15.2	22.0	18.9	23.5	19.7	15.4	13.0	13.7	9.8	15.6	11.0	14.6	12.0	12.2	12.0	11.3	10.3	12.5	14.2	8.8	24	23.5
12	4.2	3.9	5.9	3.7	.6	1.5	.6	.1	1.3	1.6	1.6	2.2	1.6	1.7	5.2	7.1	6.4	2.0	-.5	.1	.1	.6	-.8	-.5	24	7.1
13	-1.3	-2.0	-.6	.1	-1.3	.8	.1	.3	3.2	.3	-2.2	.1	.6	-.8	2.2	2.0	1.5	2.7	2.7	3.4	4.4	5.4	3.5	1.1	24	5.4
14	.8	2.7	5.2	3.5	5.9	5.2	4.4	6.4	12.2	6.9	4.9	4.2	3.9	5.4	4.9	6.6	6.9	10.1	7.8	7.4	8.6	7.6	10.3	9.8	24	12.2
15	9.1	7.6	10.0	8.8	12.2	12.3	9.6	17.1	10.1	AX	BA	BA	BA	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	9	17.1
16	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
17	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
18	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
19	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	BA	BA	10.8	9.6	15.4	11.8	11.5	7.4	7.4	6.4	6.2	7.6	9.0	10.3	8.6	13	15.4
20	12.0	10.3	10.8	9.5	7.6	6.1	7.4	5.7	9.1	10.0	9.6	10.8	9.8	9.1	9.6	11.8	11.3	9.1	8.8	15.2	10.8	11.3	14.2	12.0	24	15.2
21	12.5	12.2	16.9	15.4	19.6	16.1	8.3	8.1	7.1	7.4	9.5	10.8	9.5	11.8	12.2	11.5	12.3	11.5	12.0	11.8	18.4	7.1	4.7	6.9	24	19.6
22	6.9	6.9	4.7	2.7	2.2	3.2	1.7	2.7	5.0	6.6	4.2	2.2	2.5	4.9	5.4	3.7	5.9	8.8	9.0	8.3	6.4	5.7	9.8	9.8	24	9.8
23	7.4	6.9	5.2	3.9	5.9	5.9	4.7	5.4	1.8	-.3	4.9	6.8	5.9	3.5	2.4	2.7	2.2	6.1	3.7	2.2	5.6	4.4	1.8	1.5	24	7.4
24	2.5	2.7	1.9	.3	.3	2.0	2.9	6.9	33.8	4.2	4.4	3.4	3.7	6.4	5.9	6.6	7.1	5.2	5.7	3.2	4.4	4.2	2.7	4.2	24	33.8
25	4.4	3.9	4.2	3.5	2.4	7.3	4.9	3.0	5.6	3.9	2.4	4.4	4.4	3.0	5.2	4.2	4.9	5.4	4.2	3.5	2.7	6.1	6.1	8.3	24	8.3
26	6.8	8.3	6.8	7.1	7.6	5.9	5.2	4.9	4.4	4.4	8.3	11.2	11.7	10.8	11.7	8.1	6.6	5.2	4.7	6.4	10.0	9.3	12.0	9.6	24	12.0
27	16.6	14.1	16.1	12.3	11.3	13.0	13.0	9.1	8.3	12.5	13.0	9.3	6.9	9.1	7.3	10.0	8.6	10.8	11.5	14.5	13.2	18.6	11.0	8.3	24	18.6
28	7.1	7.6	5.4	3.9	6.9	5.4	3.0	3.0	3.2	2.0	.4	.0	3.2	3.5	5.2	4.2	3.0	3.7	7.1	6.2	5.7	6.6	5.2	3.2	24	7.6
29	5.4	6.4	6.6	7.6	5.9	6.6	7.6	7.9	4.2	.1	1.8	3.7	4.9	3.0	2.2	4.9	5.2	13.0	15.6	12.2	8.6	7.9	6.1	4.2	24	15.6
30	3.9	6.2	5.9	5.9	10.3	7.8	5.4	30.8	7.3	AZ	AZ	16.6	6.6	9.5	7.3	7.1	8.1	7.6	7.3	11.5	11.3	8.8	9.3	13.9	22	30.8
31	10.5	11.7	10.5	7.6	7.8	5.7	6.8	8.6	8.8	11.5	6.1	6.8	8.1	5.7	2.2	7.1	6.1	5.2	7.6	6.1	6.6	7.1	9.8	6.4	24	11.7
NO.:	27	27	27	27	27	27	27	27	27	25	25	27	27	27	27	27	27	27	27	27	27	27	27	27		
MAX:	23.5	22.8	18.9	19.8	19.6	22.0	18.9	30.8	33.8	15.4	13.0	16.6	14.2	15.6	14.2	14.6	12.3	13.0	18.9	19.1	19.6	23.7	22.3	21.3		
AVG:	6.60	6.83	6.86	6.01	6.25	6.45	5.81	6.96	6.62	4.73	4.49	5.79	5.19	5.69	5.77	6.05	5.53	6.18	6.20	6.69	7.27	7.24	7.21	6.67		

MONTHLY OBSERVATIONS: 644 MONTHLY MEAN: 6.22 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.

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

REPORT FOR: JUNE 2017

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

DAY	HOUR 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	9.8	7.3	7.1	8.1	6.1	7.1	8.3	5.4	11.0	8.8	8.8	6.6	4.7	6.6	6.6	6.3	4.2	4.9	7.8	8.3	12.7	13.0	12.7	15.6	24	15.6
2	17.6	12.2	16.4	9.8	12.5	12.2	10.8	11.5	12.5	AX	BA	BA	2.4	3.4	6.4	4.0	3.2	2.4	5.2	7.3	13.0	8.6	9.1	11.5	21	17.6
3	8.6	8.5	11.0	14.9	12.7	9.3	9.0	12.2	7.1	5.2	7.6	20.5	6.9	8.3	5.4	8.6	6.9	6.4	7.8	8.3	8.8	10.8	15.6	9.5	24	20.5
4	16.1	11.3	15.6	16.6	12.0	11.5	11.5	8.6	8.3	10.8	12.2	13.2	8.3	6.6	8.8	9.1	11.0	6.6	.3	.1	3.0	2.0	2.5	2.5	24	16.6
5	3.2	1.7	-1.8	-3.0	-2.5	-1.0	-2.0	-2.5	-2.2	-4.2	-3.7	-.1	.8	1.1	2.5	-.5	.0	1.8	-.8	-1.5	-.3	1.5	2.2	.3	24	3.2
6	-1.3	-1.5	-1.5	.1	-1.7	-1.0	-.1	-1.0	1.6	3.0	5.9	4.2	3.0	3.7	3.5	4.2	5.9	4.4	2.7	7.1	5.4	5.9	3.7	3.4	24	7.1
7	2.7	-2.3	-2.3	1.3	3.2	3.4	7.1	4.4	2.7	3.9	2.9	1.1	.1	2.0	6.9	4.7	.8	5.7	8.1	5.4	6.8	4.4	4.4	5.9	24	8.1
8	6.6	5.7	3.9	2.7	-.3	.1	5.9	2.0	-1.0	.1	.9	-1.0	-.1	1.0	4.4	3.7	2.7	3.9	3.9	6.6	6.4	3.2	4.0	6.4	24	6.6
9	8.3	6.9	9.5	5.6	5.7	7.1	10.0	8.1	7.1	5.9	4.7	6.4	5.2	4.7	4.4	3.9	2.2	3.0	4.5	5.7	8.1	7.1	7.6	8.3	24	10.0
10	7.1	5.9	7.6	12.3	8.3	14.4	18.6	14.9	12.0	9.3	7.1	6.9	7.6	11.0	6.4	6.2	6.9	9.8	10.1	15.6	21.0	15.6	18.9	16.6	24	21.0
11	13.7	9.1	8.1	9.8	10.8	10.5	6.2	5.7	3.9	4.7	5.9	5.9	7.9	14.2	7.4	8.6	5.0	5.4	6.9	7.8	11.3	6.6	8.6	8.1	24	14.2
12	9.1	8.6	9.1	6.9	5.7	7.8	8.1	21.0	4.7	4.2	5.7	8.8	8.6	10.6	7.1	4.4	4.5	5.2	6.4	11.5	9.3	8.1	9.6	16.1	24	21.0
13	13.7	7.3	5.7	6.9	4.4	11.0	10.8	12.8	9.8	9.8	5.9	8.1	6.9	7.6	10.3	8.6	3.4	-.8	.1	2.5	1.1	.1	.9	3.0	24	13.7
14	4.0	2.2	1.3	.1	2.5	6.2	6.4	5.9	5.7	4.5	2.2	3.0	4.2	2.7	.8	5.2	4.7	3.9	3.7	5.4	3.4	1.1	3.7	2.5	24	6.4
15	.3	.1	-.8	-.3	1.5	2.0	3.4	3.9	4.7	3.9	3.2	3.4	3.2	5.7	4.9	2.0	5.2	4.2	2.2	7.8	10.8	10.3	6.6	4.7	24	10.8
16	5.9	4.4	5.9	4.4	4.2	6.9	6.6	4.9	4.9	12.2	7.1	4.2	3.9	4.9	5.7	4.2	2.0	3.7	4.2	7.6	3.2	1.7	1.3	-3.0	24	12.2
17	-1.8	.3	2.2	6.1	5.4	4.7	7.8	9.3	8.1	6.4	8.3	7.3	8.3	8.6	6.6	6.1	8.1	6.4	3.7	2.5	5.6	3.2	.1	3.0	24	9.3
18	5.2	2.5	6.1	12.0	11.3	8.1	9.6	7.1	8.6	8.8	7.8	9.1	7.3	3.7	5.7	3.7	6.6	6.6	4.2	2.5	.6	4.7	5.2	2.7	24	12.0
19	.6	-1.8	.3	3.7	3.4	.8	.6	3.9	6.4	6.1	4.7	4.7	5.9	4.4	4.7	4.7	3.2	2.2	4.7	3.9	6.9	3.2	-2.3	-1.5	24	6.9
20	-2.0	-2.5	-3.5	-4.5	-2.5	2.7	3.4	.6	1.1	4.1	5.4	3.2	2.0	1.7	2.2	2.5	5.4	7.6	4.4	3.7	2.5	4.9	1.5	-2.3	24	7.6
21	1.3	1.1	-.6	1.1	.3	.3	1.3	1.3	4.2	3.9	3.2	4.6	3.7	4.7	6.4	4.4	4.2	2.2	-2.5	-4.4	-3.2	2.2	2.0	4.9	24	6.4
22	5.9	2.9	4.9	2.7	2.4	2.2	1.7	3.7	3.0	8.1	5.4	18.3	2.5	4.2	2.0	2.0	.8	.3	4.9	2.9	.1	3.2	3.5	7.6	24	18.3
23	5.4	2.7	4.9	1.3	.6	3.7	2.2	5.0	5.2	8.3	11.3	12.0	12.2	14.7	16.4	16.1	19.5	14.2	14.5	14.2	13.0	13.0	15.1	11.8	24	19.5
24	9.8	4.2	2.0	3.4	2.2	7.6	9.1	6.1	4.7	4.2	1.4	1.1	1.8	3.0	1.6	-.8	-2.5	-3.0	-1.8	1.6	.6	2.2	-.1	-4.4	24	9.8
25	-.6	1.1	-.3	-1.3	-3.7	-2.7	-1.0	-1.5	5.4	3.2	-1.1	.6	3.7	6.6	4.2	6.1	5.1	7.1	6.4	10.0	6.6	8.1	3.7	.3	24	10.0
26	5.4	3.7	4.7	3.4	3.5	7.1	5.4	13.7	7.4	1.3	1.1	2.7	2.7	.8	1.7	3.2	4.2	5.6	3.9	7.1	7.6	6.6	8.8	5.9	24	13.7
27	3.7	2.9	3.7	6.8	4.7	1.8	11.0	6.6	2.7	3.0	1.3	2.7	.8	.0	2.5	4.4	3.7	3.4	4.4	2.7	3.0	3.4	2.2	4.2	24	11.0
28	11.0	7.4	6.4	5.9	5.7	7.8	5.6	2.5	AX	BA	2.7	.1	3.4	2.9	1.1	1.7	1.5	1.1	1.1	5.6	5.1	5.6	3.4	6.3	22	11.0
29	7.1	6.1	4.9	7.3	14.6	9.5	12.7	9.3	9.8	8.8	7.3	3.7	8.8	8.6	11.7	8.6	3.9	8.8	9.3	5.2	8.3	11.0	11.5	9.3	24	14.6
30	11.0	10.8	8.3	6.6	8.8	10.5	12.2	11.7	9.8	6.1	2.5	2.9	4.4	3.7	3.7	3.0	4.9	4.2	3.9	1.1	-1.3	2.0	4.5	-.3	24	12.2
31																									0	
NO.:	30	30	30	30	30	30	30	30	29	28	29	29	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	17.6	12.2	16.4	16.6	14.6	14.4	18.6	21.0	12.5	12.2	12.2	20.5	12.2	14.7	16.4	16.1	19.5	14.2	14.5	15.6	21.0	15.6	18.9	16.6		
AVG:	6.25	4.29	4.63	5.02	4.73	5.72	6.74	6.57	5.83	5.51	4.75	5.66	4.70	5.39	5.40	4.96	4.57	4.57	4.47	5.47	5.98	5.78	5.68	5.30		

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 5.33 MONTHLY MAX: 21.0

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: 37-057-0002 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: 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 2017

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

DAY	HOUR 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	-3.5	-.5	.3	-2.2	1.3	.8	5.9	5.7	3.7	2.2	1.4	1.3	1.3	3.7	-.3	-.5	1.3	-4.0	-.8	4.5	4.9	4.7	3.9	24	5.9
2	3.4	3.9	4.7	2.7	-.3	5.9	5.4	2.5	2.2	4.2	5.7	5.2	6.1	6.4	5.7	4.4	4.7	4.7	5.4	6.4	7.8	7.8	6.4	7.8	24	7.8
3	13.5	10.5	9.6	7.6	4.2	7.6	6.9	7.6	10.5	6.4	8.6	6.6	5.4	4.9	4.2	5.4	7.6	8.1	10.8	8.1	2.0	1.3	.3	-.8	24	13.5
4	5.7	1.1	-3.0	.8	.1	-1.8	-.3	.6	2.5	4.4	4.2	5.9	4.9	14.5	8.8	6.6	7.6	4.4	6.9	6.9	50.7	45.5	58.5	23.4	24	58.5
5	24.9	7.9	9.6	17.4	16.4	12.0	20.0	14.5	15.6	AX	BA	1.6	3.4	5.2	4.4	3.7	4.2	2.0	2.7	5.9	6.1	3.4	4.9	4.2	22	24.9
6	3.2	3.9	4.6	4.9	4.4	4.9	5.4	6.6	5.2	2.0	3.2	7.1	5.6	8.8	5.2	3.4	3.9	6.1	8.6	7.1	5.6	4.2	7.6	8.1	24	8.8
7	3.9	1.3	1.1	.3	8.3	5.9	7.8	5.9	6.6	6.4	2.9	.1	-2.5	.8	3.4	1.6	1.6	6.4	5.2	3.2	6.8	8.1	10.0	5.6	24	10.0
8	3.4	2.2	.6	1.1	2.2	4.7	8.1	5.7	4.9	5.4	4.9	6.4	6.6	4.4	2.7	1.8	.3	.6	4.6	5.2	3.4	.6	3.2	5.2	24	8.1
9	3.4	1.3	2.4	5.4	4.9	2.9	2.0	3.9	8.8	5.4	4.4	7.1	6.6	5.9	4.4	7.8	5.9	8.3	5.9	7.3	6.6	11.0	9.8	5.9	24	11.0
10	3.0	4.4	5.2	4.9	7.3	5.4	14.5	24.4	10.0	7.1	6.9	8.6	6.6	6.9	4.2	5.4	13.5	12.0	9.0	9.3	10.5	14.0	8.3	4.7	24	24.4
11	4.2	2.2	2.9	5.9	5.2	7.8	9.3	6.1	6.6	8.3	11.2	9.5	8.8	14.4	12.0	8.3	4.9	6.4	7.3	8.8	6.4	5.9	9.1	8.3	24	14.4
12	6.4	3.9	7.6	7.6	3.9	8.6	9.3	10.5	9.3	7.1	8.3	9.3	7.1	8.1	9.5	14.0	8.8	11.5	14.2	13.0	13.0	8.6	9.8	12.5	24	14.2
13	9.5	8.1	6.8	4.7	4.9	6.1	7.8	10.3	7.8	6.1	6.6	7.3	18.6	8.3	11.7	8.8	10.5	8.8	8.8	7.8	11.0	6.4	5.6	3.9	24	18.6
14	7.6	6.4	6.6	4.7	5.2	5.6	5.2	3.7	6.9	6.6	6.6	5.6	6.6	8.3	5.7	4.9	8.3	11.0	7.8	6.9	8.1	5.4	2.7	2.2	24	11.0
15	1.3	.3	.3	1.3	4.2	6.1	4.2	3.4	4.9	5.2	5.4	3.7	3.7	3.5	4.4	7.1	5.2	5.7	3.2	2.2	3.4	3.2	5.4	4.4	24	7.1
16	3.9	-.5	-2.7	.8	1.1	1.6	-.1	5.6	6.4	3.4	2.0	2.9	2.0	2.7	2.2	2.9	3.0	1.6	3.9	5.4	6.1	3.9	.1	-.3	24	6.4
17	-.6	-2.2	-1.8	1.1	2.2	1.7	2.0	.6	2.5	3.9	7.1	4.9	4.9	5.9	4.4	9.0	3.9	.6	6.1	9.5	6.6	3.9	5.2	4.7	24	9.5
18	3.2	.8	-.1	2.5	3.2	3.0	4.7	3.9	4.7	6.9	3.9	6.4	5.9	5.7	5.4	5.9	11.0	7.3	5.2	5.2	4.4	3.7	3.5	6.6	24	11.0
19	3.5	1.6	2.7	1.7	2.4	4.2	6.1	7.6	4.4	9.3	6.9	5.6	3.7	3.9	6.6	4.4	4.4	4.2	4.2	3.9	6.1	5.6	8.1	8.8	24	9.3
20	10.8	6.9	4.2	5.6	5.2	8.8	9.8	9.3	15.1	10.0	10.0	10.5 6	11.0	9.1	13.5	8.8	7.6	7.4	11.0	14.2	14.0	11.0	13.7	9.5	24	15.1
21	11.3	8.1	11.3	14.7	11.5	18.6	16.9	13.2	11.5	11.0	10.0	14.0	10.0	10.3	13.2	10.3	10.0	8.1	7.6	10.8	12.2	12.5	8.3	10.8	24	18.6
22	11.5	10.3	9.8	8.8	9.6	10.3	12.0	13.7	12.5	19.1	14.7	14.7	14.0	14.2	12.2	9.8	10.5	6.6	4.9	3.4	11.3	12.2	15.0	12.0	24	19.1
23	12.2	9.3	17.6	12.2	16.6	16.9	18.8	16.1	14.0	14.0	12.5 6	12.5 6	11.7	12.8	9.0	11.7	6.6	5.4	5.6	3.5	1.8	-.3	-1.0	2.0	24	18.8
24	4.2	1.6	3.0	4.4	3.7	6.4	11.7	14.2	9.8	9.0	4.7	3.7	3.9	2.5	3.4	5.6	5.2	4.2	10.8	10.0	7.4	8.3	5.7	5.7	24	14.2
25	7.8	6.1	7.8	6.6	9.0	10.8	11.5	8.5	9.5	8.1	10.5	12.3	13.5	10.0	8.3	6.6	7.6	9.6	10.8	7.6	13.2	11.3	14.7	13.2	24	14.7
26	13.2	10.3	13.0	10.3	11.5	12.7	10.0	5.9	AX	AX	BA	5.4	4.7	7.6	9.3	5.9	7.8	8.5	5.2	8.8	9.3	9.8	8.1	6.8	21	13.2
27	5.9	7.8	6.1	.8	.1	2.0	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	6	7.8
28	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	AX	13.0	15.8	17.6	17.1	18.1	15.2	23.4	8.3	5.9	7.3	10.3	11.7	10.3	11.7	14	23.4
29	13.2	7.8	13.5	14.2	11.0	7.8	8.6	7.6	11.3	12.7	12.7	12.0	8.8	10.3	8.3	6.6	3.7	5.6	7.3	6.4	6.1	7.1	6.9	8.8	24	14.2
30	11.3	8.1	8.6	6.6	5.2	3.4	5.2	6.4	13.7	7.3	1.3	3.7	8.6	5.4	3.2	3.7	2.5	1.7	2.0	5.4	8.8	8.1	7.8	9.5	24	13.7
31	9.8	7.1	8.6	8.8	11.8	10.0	9.8	9.8	10.3	9.3	6.4	5.6	7.3	12.5	8.8	3.9	3.5	7.3	7.8	7.3	9.6	12.7	16.1	6.9	24	16.1
NO.:	30	30	30	30	30	30	29	29	28	27	28	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	24.9	10.5	17.6	17.4	16.6	18.6	20.0	24.4	15.6	19.1	14.7	15.8	18.6	17.1	18.1	15.2	23.4	12.0	14.2	14.2	50.7	45.5	58.5	23.4		
AVG:	7.02	4.57	5.34	5.62	5.76	6.71	8.05	8.07	8.33	7.49	7.03	7.18	7.21	7.72	7.20	6.44	6.57	6.12	6.49	6.87	9.10	8.39	8.96	7.20		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: 7.05 MONTHLY MAX: 58.5

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.

(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: 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 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	11.3	8.3	9.5	11.3	12.5	12.0	10.8	10.5	9.8	7.8	15.3	11.7	11.5	8.1	12.2	14.0	13.2	11.5	13.5	15.1	19.5	16.1	18.1	20.0	24	20.0
2	19.1	11.5	13.7	17.1	15.1	17.4	19.1	19.3	15.6	16.6	14.5	12.0	13.0	12.5	17.1	19.1	16.1	17.4	11.0	14.5	16.6	22.0	23.2	20.0	24	23.2
3	19.6	19.6	24.9	20.0	16.9	14.2	16.1	18.6	21.0	17.9	19.1	15.6	10.5	17.4	22.2	13.2	16.4	21.2	20.7	15.4	16.1	17.1	15.1	15.4	24	24.9
4	9.8	12.0	13.5	12.7	10.3	12.5	15.9	18.8	14.0	22.0	14.9	14.5	13.2	11.3	12.5	15.4	10.3	8.1	9.8	11.8	9.6	9.1	7.3	7.6	24	22.0
5	7.1	5.9	3.0	7.3	7.6	7.8	8.6	13.0	13.9	8.8	18.1	7.1	12.5	15.4	4.9	8.1	7.8	5.9	6.1	8.8	6.9	7.1	6.9	4.4	24	18.1
6	3.7	3.9	4.9	6.1	6.6	7.3	5.2	8.3	8.6	11.0	8.8	9.3	15.4	12.0	8.6	10.0	12.0	13.2	11.0	14.2	16.1	19.3	12.5	10.5	24	19.3
7	13.0	10.3	12.2	12.0	14.5	10.3	8.3	7.6	4.9	9.1	8.1	12.0	19.1	13.7	14.5	15.1	20.0	18.9	14.2	12.0	13.7	11.5	11.3	10.8	24	20.0
8	10.3	1.3	-.1	6.1	7.8	4.4	1.1	5.4	3.9	2.2	2.2	2.7	3.4	3.2	5.2	9.8	7.8	5.7	7.3	6.8	9.8	10.0	9.3	11.7	24	11.7
9	15.6	7.8	11.3	9.5	6.1	14.7	10.0	13.7	AX	BA	7.8	7.6	8.3	15.6	13.0	8.3	9.3	13.7	12.2	9.5	13.0	15.4	9.3	8.6	22	15.6
10	10.0	13.0	14.6	9.8	11.2	20.3	18.8	14.2	10.5	8.3	7.6	10.0	7.8	10.8	9.0	9.8	9.3	10.5	15.1	13.2	10.5	12.7	15.6	13.7	24	20.3
11	13.2	13.7	10.3	16.9	13.9	10.5	6.6	12.0	10.7	7.6	5.8	8.8	7.3	6.1	6.1	10.8	11.0	8.8	8.1	8.1	11.0	9.5	7.3	9.1	24	16.9
12	8.8	8.8	13.7	10.5	6.8	5.9	9.3	7.8	7.8	6.4	7.6	10.8	11.3	7.1	5.6	5.4	5.6	6.9	7.4	5.9	7.1	7.6	11.5	12.0	24	13.7
13	8.6	4.9	3.2	8.0	6.4	3.2	6.8	8.1	15.1	13.0	12.0	12.0	10.3	11.5	14.2	9.5	14.2	9.3	6.4	11.5	11.0	9.3	12.7	10.8	24	15.1
14	7.8	17.3	14.7	12.0	11.3	11.5	17.3	17.1	17.4	18.6	22.5	17.4	20.0	12.8	10.5	15.0	16.1	14.7	13.0	13.2	7.6	9.5	12.7	7.1	24	22.5
15	5.4	4.7	2.0	.1	2.2	3.2	9.3	8.3	8.5	18.6	10.5	12.0	13.9	21.5	14.0	7.6	5.6	2.9	6.1	5.6	2.2	1.1	4.7	3.9	24	21.5
16	3.2	3.5	1.8	3.2	4.7	4.7	8.3	6.6	7.3	6.4	8.1	6.4	6.8	4.9	5.6	8.1	8.5	13.5	12.2	7.3	11.0	9.1	15.6	9.5	24	15.6
17	12.0	9.8	15.1	14.4	13.5	10.8	13.7	12.5	25.9	17.9	19.1	13.0	18.1	9.3	12.2	11.2	9.5	6.1	11.2	12.7	11.0	12.2	10.0	10.0	24	25.9
18	9.0	11.2	9.0	12.0	15.0	18.1	19.5	15.0	12.5	17.4	7.1	10.3	9.3	4.7	9.5	12.7	10.5	13.2	8.1	10.0	7.3	7.1	8.6	6.6	24	19.5
19	9.8	5.2	3.9	8.5	6.6	3.0	15.4	7.6	8.8	9.7	11.2	11.2	6.1	8.1	8.3	11.2	9.3	9.0	8.5	8.0	17.3	16.3	15.6	13.2	24	17.3
20	14.9	11.5	14.9	15.1	15.1	14.4	9.5	13.0	13.5	11.3	15.1	12.5	12.7	8.8	6.9	5.2	6.4	11.8	8.6	12.0	21.0	15.1	10.0	10.5	24	21.0
21	10.8	12.7	10.3	15.9	14.2	10.5	12.2	15.1	14.7	15.6	16.6	17.6	19.8	21.0	14.0	10.5	16.4	12.2	10.3	9.5	15.9	19.8	17.1	18.8	24	21.0
22	15.1	15.9	14.5	15.6	12.2	9.8	14.9	18.9	17.1	14.4	17.6	11.3	19.1	16.6	11.8	12.7	16.9	16.4	14.7	14.7	10.8	10.0	11.0	12.5	24	19.1
23	10.8	8.8	6.1	15.1	9.5	7.6	12.7	15.4	15.4	17.6	13.7	16.6	14.2	15.1	15.9	13.5	12.5	10.1	6.9	8.3	11.5	15.1	13.0	8.1	24	17.6
24	8.6	10.0	10.5	7.3	11.2	11.5	11.5	10.0	13.5	10.8	15.1	8.6	12.7	12.7	13.4	14.0	10.0	10.5	10.3	8.1	10.0	9.8	11.3	17.4	24	17.4
25	15.6	19.6	15.1	12.7	17.1	11.8	13.7	9.1	11.5	7.3	13.2	12.0	13.7	11.0	15.9	6.6	10.8	10.8	12.2	12.2	14.9	9.8	18.3	14.6	24	19.6
26	15.1	16.1	12.0	12.2	14.6	14.2	12.5	18.8	14.9	14.2	13.2	9.3	9.8	15.4	8.8	8.1	6.9	7.8	13.0	17.4	16.1	13.5	15.9	4.7	24	18.8
27	13.2	10.3	15.1	9.1	15.9	10.8	15.4	9.8	8.8	9.8	7.1	6.4	10.8	9.1	10.3	12.2	10.0	7.6	5.4	14.0	13.2	9.8	13.5	13.0	24	15.9
28	11.8	11.8	11.0	9.5	10.5	11.5	14.2	12.5	8.6	15.6	12.5	9.6	9.6	AZ	AZ	4.4	9.5	7.6	8.6	9.6	15.4	12.7	9.5	8.3	22	15.6
29	6.6	5.2	9.6	6.1	4.4	4.0	9.8	7.4	9.5	10.8	10.3	11.0	7.1	7.6	8.3	11.5	8.8	8.8	5.7	9.1	8.8	9.5	9.1	12.8	24	12.8
30	9.8	11.7	9.3	9.3	11.0	9.3	9.8	11.7	7.8	10.0	7.8	8.6	9.1	8.6	11.0	11.7	9.3	10.3	13.2	12.0	12.5	14.0	12.7	11.3	24	14.0
31	8.8	12.2	12.0	13.0	13.2	16.6	14.9	14.5	11.6	9.3	9.0	8.6	15.6	17.4	20.5	12.7	13.5	13.0	11.3	7.3	5.4	6.1	6.6	7.6	24	20.5
NO.:	31	31	31	31	31	31	31	31	30	30	31	31	31	30	30	31	31	31	31	31	31	31	31	31		
MAX:	19.6	19.6	24.9	20.0	17.1	20.3	19.5	19.3	25.9	22.0	22.5	17.6	20.0	21.5	22.2	19.1	20.0	21.2	20.7	17.4	21.0	22.0	23.2	20.0		
AVG:	10.92	10.27	10.37	10.92	10.90	10.45	11.97	12.28	12.10	12.20	11.98	10.85	12.00	11.64	11.40	10.88	11.08	10.88	10.39	10.90	12.03	11.85	12.11	11.11		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 11.31 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.

(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: 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 2017

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

DAY	HOUR 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	9.1	14.5	10.5	19.1	19.8	12.7	15.1	15.1	14.7	16.9	12.0	11.5	13.2	16.9	10.5	7.3	7.3	10.5	13.2	9.1	12.7	12.5	6.6	24	19.8
2	4.7	2.4	.8	1.8	10.5	10.0	6.4	5.2	6.6	3.9	11.2	8.8	9.8	8.1	11.3	15.1	14.4	11.3	16.9	16.1	16.1	14.0	12.2	12.5	24	16.9
3	18.3	14.2	13.0	11.3	10.8	13.5	10.0	6.4	14.4	6.4	9.8	10.2	10.8	16.9	14.2	16.4	11.0	8.5	11.7	14.0	20.7	14.2	20.8	22.5	24	22.5
4	20.5	11.0	14.6	17.1	16.4	23.4	14.5	14.6	15.1	15.1	22.5	19.8	7.8	12.2	15.6	19.8	13.0	20.3	18.1	17.6	16.6	17.4	14.4	17.4	24	23.4
5	22.7	19.1	17.4	17.1	12.0	21.5	29.3	28.0	21.7	AX	BA	BA	12.2	16.9	16.4	19.1	19.5	23.7	13.5	11.7	9.1	8.6	12.2	10.3	21	29.3
6	18.3	13.0	14.9	9.8	10.8	11.5	11.7	11.5	10.5	11.5	9.8	17.3	14.7	10.0	5.4	2.5	2.7	6.6	7.8	7.1	9.8	10.0	13.5	10.8	24	18.3
7	9.1	8.1	7.3	6.1	10.5	9.5	8.8	8.5	6.4	10.2	9.0	8.1	7.1	4.9	8.8	5.4	2.9	4.2	3.7	6.1	16.1	7.1	7.3	8.8	24	16.1
8	11.3	7.8	11.7	11.0	12.2	12.0	12.5	9.8	15.4	5.9	5.6	4.4	3.2	7.3	6.4	13.7	10.5	5.4	3.0	8.3	7.1	9.5	17.9	11.5	24	17.9
9	12.5	9.3	16.1	15.9	16.2	8.3	10.3	7.1	8.3	10.3	10.6	8.1	6.1	8.1	4.9	3.5	3.7	4.4	11.5	11.3	10.0	9.8	9.3	7.1	24	16.2
10	9.1	7.6	5.9	5.9	3.9	6.1	6.9	4.4	5.4	8.6	8.8	5.2	3.7	4.5	3.9	4.2	6.4	5.9	5.9	4.0	4.2	4.4	3.0	-1.0	24	9.1
11	3.0	4.7	3.0	3.0	9.3	11.0	7.1	2.5	4.7	4.2	12.5	8.4	5.9	3.7	2.2	3.0	4.7	9.3	9.3	6.6	4.9	1.1	3.0	10.3	24	12.5
12	10.5	8.6	2.5	-.3	5.2	4.7	2.0	2.3	3.7	11.3	5.9	1.5	2.3	1.8	4.2	4.2	2.0	-.8	3.0	8.6	8.4	8.1	8.1	5.9	24	11.3
13	7.4	4.7	8.1	11.0	7.1	8.1	11.0	8.6	7.9	6.7	5.2	6.4	6.9	7.6	7.1	8.1	12.7	7.4	9.8	8.8	9.5	15.6	15.1	15.1	24	15.6
14	11.5	6.2	6.9	7.9	20.8	14.9	16.6	13.5	12.5	15.6	10.8	12.5	14.5	21.5	13.0	12.0	11.3	15.9	20.7	14.2	13.7	14.5	12.7	8.6	24	21.5
15	18.8	13.0	12.0	15.6	7.6	14.6	11.3	10.1	16.6	8.3	6.9	7.4	6.6	4.4	8.3	8.3	3.5	7.1	7.1	7.6	9.3	12.5	16.4	13.7	24	18.8
16	11.5	7.8	8.6	13.7	9.8	6.9	9.6	9.3	10.5	7.1	3.0	4.9	4.2	3.0	9.1	10.8	7.4	7.4	7.3	7.8	19.1	9.5	12.0	10.3	24	19.1
17	6.9	10.3	8.8	10.5	11.7	12.3	9.3	11.3	14.6	10.3	13.0	8.6	9.3	10.8	5.7	6.2	7.8	9.6	9.5	13.7	8.1	9.8	16.4	12.5	24	16.4
18	9.8	9.1	13.7	9.6	7.8	10.8	10.3	9.3	14.2	10.1	7.4	6.4	7.1	6.9	7.1	8.8	8.6	9.8	10.0	12.3	9.1	22.5	15.1	9.8	24	22.5
19	16.4	13.2	16.1	18.4	20.8	1.1	18.6	14.2	15.9	12.0	10.3	14.2	14.0	12.2	9.6	11.0	10.5	13.2	18.8	20.5	13.2	14.6	17.1	21.0	24	21.0
20	18.1	17.6	20.0	19.1	14.9	15.2	15.6	26.7	AX	BA	BA	13.5	14.7	12.5	9.0	6.9	7.6	9.1	8.8	19.8	13.0	15.4	21.5	11.3	21	26.7
21	14.4	10.3	11.7	13.2	10.8	9.1	13.7	8.8	8.5	7.3	9.1	7.6	7.3	5.9	7.6	5.2	5.2	5.4	10.8	9.1	11.8	11.2	11.3	12.7	24	14.4
22	12.0	12.2	11.0	9.0	9.6	14.0	8.6	17.1	15.0	12.0	16.6	12.7	10.3	9.5	14.0	10.3	11.3	16.1	17.1	23.7	23.0	21.0	13.2	22.5	24	23.7
23	20.8	18.8	16.9	21.3	17.1	16.4	14.5	16.4	18.1	14.7	10.8	12.2	11.5	13.5	7.6	7.6	8.8	9.5	12.0	10.3	12.7	13.2	26.9	15.6	24	26.9
24	17.1	9.8	13.5	15.4	11.3	8.8	11.3	10.3	8.1	5.4	5.7	5.9	4.7	4.2	5.9	4.9	4.0	6.4	8.3	9.6	14.6	13.0	10.3	7.8	24	17.1
25	6.6	7.8	7.6	8.6	6.9	9.3	7.1	6.9	11.7	9.5	12.2	9.1	7.3	7.9	6.9	6.9	4.7	10.5	13.7	10.8	16.9	10.0	11.7	9.8	24	16.9
26	9.8	8.1	6.9	5.4	8.6	11.8	10.3	14.0	10.0	7.1	7.4	3.9	4.9	9.3	7.8	4.5	3.2	4.2	7.1	13.7	14.0	8.1	6.4	8.3	24	14.0
27	5.2	7.4	8.8	9.3	6.9	7.6	5.9	8.1	7.8	10.8	8.1	8.1	8.1	9.1	9.1	11.0	7.4	5.4	8.6	13.0	8.3	7.6	10.5	10.8	24	13.0
28	8.6	9.8	13.0	12.0	16.4	12.2	14.2	11.5	8.6	11.5	13.0	18.1	14.9	12.0	9.8	9.1	14.2	12.0	15.9	21.7	13.5	9.3	10.5	7.8	24	21.7
29	8.6	8.6	6.9	4.7	7.8	7.6	6.9	8.1	6.6	6.3	5.4	5.6	4.2	.6	2.9	3.4	4.2	9.8	8.8	7.3	11.0	12.5	9.1	6.6	24	12.5
30	13.7	14.9	10.3	8.3	6.8	7.6	9.8	8.5	6.1	2.9	1.7	2.9	5.4	2.7	.1	.3	1.5	2.7	4.2	5.7	6.8	9.5	6.8	3.7	24	14.9
31																									0	
NO.:	30	30	30	30	30	30	30	30	29	28	28	29	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	22.7	19.1	20.0	21.3	20.8	23.4	29.3	28.0	21.7	15.6	22.5	19.8	14.9	21.5	16.9	19.8	19.5	23.7	20.7	23.7	23.0	22.5	26.9	22.5		
AVG:	12.27	10.15	10.75	10.74	11.32	11.32	11.23	10.94	11.03	9.28	9.61	9.10	8.37	8.71	8.36	8.42	7.73	8.92	10.45	11.81	11.99	11.56	12.57	11.02		

MONTHLY OBSERVATIONS: 714 MONTHLY MEAN: 10.32 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.

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

REPORT FOR: OCTOBER 2017

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

DAY	HOUR 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	1.7	2.7	2.7	2.0	-.1	.8	5.4	5.2	2.0	1.7	2.0	2.5	2.5	4.5	2.7	2.2	2.0	1.0	2.0	3.7	7.6	6.8	4.2	24	7.6
2	4.7	8.8	6.4	5.6	5.7	7.6	6.9	7.4	8.6	5.6	1.3	2.5	2.2	2.7	2.7	3.4	3.4	5.7	4.4	10.3	11.8	8.3	6.6	7.4	24	11.8
3	5.7	5.7	6.4	5.2	7.9	9.3	9.8	7.4	7.1	5.9	5.0	4.9	2.5	4.0	3.0	9.6	5.9	3.7	8.1	9.1	10.3	7.4	8.1	10.3	24	10.3
4	9.3	7.6	7.8	7.4	8.6	8.3	11.3	7.6	3.0	6.9	7.9	6.4	3.2	3.0	4.0	3.7	3.2	4.9	5.4	13.7	14.4	15.1	11.8	9.8	24	15.1
5	12.3	8.8	11.8	10.3	7.1	9.8	8.6	12.2	10.3	9.3	7.6	7.1	7.9	4.9	3.9	3.7	6.4	6.9	8.1	11.8	10.8	14.4	11.8	11.3	24	14.4
6	12.0	14.2	15.2	9.3	12.5	9.6	12.0	17.1	14.7	14.2	10.8	6.2	3.0	8.1	8.3	5.7	5.2	7.1	5.2	7.4	8.8	8.8	10.8	13.0	24	17.1
7	11.0	9.8	8.6	12.3	8.3	6.1	6.1	9.1	5.9	4.7	8.8	5.2	4.2	7.4	6.2	5.9	4.0	2.0	2.5	4.5	4.2	4.0	5.7	5.2	24	12.3
8	7.4	5.5	4.2	4.2	4.7	5.9	10.6	14.7	12.0	8.1	5.4	5.9	7.4	4.4	5.9	2.5	9.8	6.7	5.4	4.7	5.9	4.2	1.4	1.6	24	14.7
9	1.9	.1	-.3	.9	2.5	4.7	5.0	3.0	.3	4.5	6.4	7.1	6.9	7.1	12.0	7.6	5.7	5.7	4.5	2.7	2.7	3.0	6.2	9.6	24	12.0
10	8.9	7.1	8.8	6.2	9.5	9.3	7.9	8.1	12.3	8.6	5.2	5.4	9.6	18.4	10.3	10.8	6.9	4.7	10.8	9.5	14.0	11.8	8.1	9.3	24	18.4
11	7.4	6.4	8.4	13.0	11.3	9.1	7.8	9.5	10.5	AX	BA	12.2	10.0	8.1	4.9	5.4	4.2	7.1	11.3	13.9	10.3	14.0	14.2	9.8	22	14.2
12	18.1	11.0	15.1	13.5	10.8	10.8	15.9	13.7	11.0	8.8	14.2	11.5	12.2	16.1	15.1	11.2	10.5	11.0	8.0	9.8	7.1	6.4	3.4	-.1	24	18.1
13	1.3	2.5	2.2	2.2	1.8	3.4	2.2	2.2	1.3	3.7	4.4	2.5	.1	.1	6.6	6.9	5.6	5.6	10.0	9.3	6.3	3.7	5.2	3.9	24	10.0
14	5.9	6.6	6.9	6.1	8.0	5.2	5.4	7.4	8.5	6.4	5.9	7.1	5.9	5.4	5.7	5.2	9.3	9.8	8.1	14.9	10.5	9.5	18.6	9.1	24	18.6
15	13.4	10.0	10.0	12.2	11.5	9.3	10.5	10.8	10.0	17.8	13.7	11.2	7.6	10.8	9.1	8.8	7.1	3.7	7.3	6.1	9.3	7.3	9.1	11.0	24	17.8
16	10.3	8.1	7.3	10.8	10.5	5.9	2.5	2.0	1.7	-.6	-1.0	4.9	2.7	.9	3.2	2.7	1.2	2.7	1.5	-.1	4.4	3.2	2.7	3.2	24	10.8
17	2.2	2.9	3.7	7.1	4.4	1.7	AV	AV	.6	2.0	3.9	1.7	.3	1.7	-.3	-3.0	-.1	2.0	4.7	7.8	11.3	9.3	7.3	10.5	22	11.3
18	11.0	9.5	6.6	11.6	7.3	14.2	10.3	7.3	4.8	3.7	2.9	3.2	1.5	-1.8	-.8	.6	2.4	3.0	5.2	7.1	14.4	13.5	12.5	8.3	24	14.4
19	7.8	11.0	10.5	9.8	8.6	9.6	18.1	14.9	10.7	7.3	3.7	1.0	1.3	3.7	5.2	3.5	4.9	4.5	11.3	9.3	9.6	8.6	9.1	10.8	24	18.1
20	12.0	14.0	11.3	12.7	12.0	8.1	11.0	14.4	14.9	9.5	5.4	5.4	4.7	7.1	5.2	5.4	9.1	8.1	14.2	19.6	11.8	16.9	22.8	18.6	24	22.8
21	17.4	13.0	15.9	15.9	14.2	12.8	13.0	12.5	13.0	12.0	13.5	7.9	7.6	8.8	4.7	4.2	7.1	13.0	11.8	17.1	20.0	18.9	18.6	19.1	24	20.0
22	16.4	18.6	14.7	13.3	14.0	21.0	16.9	14.6	14.9	10.3	8.6	5.2	4.0	5.0	4.2	1.5	6.9	13.8	23.0	14.9	14.0	9.6	9.8	8.1	24	23.0
23	5.7	4.2	3.2	2.3	4.7	3.7	5.0	4.5	1.4	.4	1.1	3.5	4.0	3.5	7.4	5.2	5.0	4.0	2.0	3.3	1.4	.4	1.6	3.3	24	7.4
24	5.9	4.2	2.0	3.5	4.2	6.6	5.2	5.4	AX	AX	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	8	6.6
25	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	3.9	5.2	6.6	6.1	4.9	6.1	3.7	4.9	7.3	7.3	10	7.3
26	4.9	9.8	10.3	7.8	5.6	2.7	8.8	6.9	3.7	3.7	2.7	4.9	3.4	3.7	2.7	4.7	5.4	2.9	4.9	10.3	17.9	6.1	8.1	8.3	24	17.9
27	10.3	8.6	9.8	7.6	9.8	10.8	13.9	14.6	12.3	11.8	10.5	14.4	11.5	10.8	13.0	13.9	11.0	10.8	9.8	8.6	9.8	9.3	7.4	10.0	24	14.6
28	8.6	7.1	8.8	7.6	8.4	10.0	15.6	15.9	7.1	5.5	4.0	3.7	3.2	2.5	2.0	4.5	8.6	5.7	7.6	11.5	10.1	5.9	7.1	4.7	24	15.9
29	3.3	5.0	1.0	2.3	4.2	3.2	5.5	11.3	6.4	3.0	2.7	1.5	.9	2.3	1.0	.1	2.5	2.3	2.7	2.5	.0	-.5	2.3	3.2	24	11.3
30	3.5	2.8	2.2	3.5	5.0	3.0	2.0	2.3	4.0	5.9	5.9	3.2	-.3	1.8	1.5	.8	1.5	2.5	5.9	10.1	6.1	7.9	6.4	5.7	24	10.1
31	6.6	7.9	6.6	7.6	6.1	9.8	8.3	10.8	11.0	7.4	5.4	6.6	6.2	10.3	6.6	7.2	7.1	6.4	20.3	17.8	22.2	19.8	16.2	18.1	24	22.2
NO.:	30	30	30	30	30	30	29	29	29	28	28	29	29	29	30	30	30	30	30	30	30	30	30	30		
MAX:	18.1	18.6	15.9	15.9	14.2	21.0	18.1	17.1	14.9	17.8	14.2	14.4	12.2	18.4	15.1	13.9	11.0	13.8	23.0	19.6	22.2	19.8	22.8	19.1		
AVG:	8.25	7.75	7.60	7.82	7.71	7.71	8.86	9.41	7.83	6.73	5.99	5.67	4.70	5.63	5.39	4.99	5.62	5.81	7.66	9.19	9.56	8.64	8.90	8.49		

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: 7.34 MONTHLY MAX: 23.0

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

(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: 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 2017

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

DAY	HOUR 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	13.8	15.4	18.9	13.0	12.0	12.0	12.5	15.4	16.9	21.5	15.9	16.4	13.5	10.3	11.8	9.8	12.8	16.7	44.8 V	19.6	13.0	8.6	9.8	8.4	24	44.8
2	8.9	5.0	7.6	6.7	5.0	9.8	12.3	13.5	13.0	13.0	8.8	6.7	4.2	7.6	5.2	4.7	11.1	9.1	8.4	22.3	13.3	15.9	16.1	16.7	24	22.3
3	14.4	15.7	20.3	13.7	13.3	19.4	12.5	15.2	13.3	14.2	7.9	6.4	7.4	6.2	5.7	3.7	5.0	6.4	10.6	15.2	11.1	8.6	9.8	11.1	24	20.3
4	7.6	6.7	4.7	5.7	9.1	8.1	8.4	9.1	7.2	7.6	7.4	6.2	3.7	3.0	5.7	7.4	5.0	3.3	3.0	5.2	6.4	12.0	6.2	.0	24	12.0
5	5.9	9.1	6.9	2.5	3.5	5.2	3.0	.4	3.8	6.4	4.2	6.2	6.6	5.0	3.5	3.5	8.1	10.3	10.6	8.1	11.8	14.2	12.5	12.5	24	14.2
6	15.4	11.5	12.0	13.0	17.4	17.9	11.5	10.3	13.0	AX	BA	BA	14.7	10.3	10.6	8.3	9.8	16.9	16.2	22.0	16.7	19.8	20.8	20.3	21	22.0
7	18.9	18.4	13.7	16.2	8.6	12.0	11.3	10.5	15.4	9.6	10.3	12.0	11.0	15.4	16.4	3.0	6.6	5.2	2.7	4.5	5.2	2.7	2.5	3.0	24	18.9
8	2.2	1.8	1.8	1.0	.6	.1	-.8	1.5	2.0	.6	.1	-.1	.8	2.2	1.0	.1	-.1	1.5	2.2	2.0	1.3	.6	-1.3	-1.7	24	2.2
9	.9	1.5	-.8	-2.5	.1	1.0	-1.0	.0	.4	-2.0	-1.7	4.0	5.2	3.4	2.5	4.2	2.5	2.0	3.0	2.0	4.0	3.0	1.5	1.8	24	5.2
10	1.5	.8	1.8	5.7	6.4	7.4	7.1	6.1	5.2	4.4	5.7	8.1	6.9	5.2	6.4	5.2	4.2	6.4	5.0	5.2	3.0	3.9	3.9	6.6	24	8.1
11	8.3	4.7	1.8	5.2	2.5	-1.7	2.7	7.6	5.9	2.5	3.0	5.7	5.2	3.2	4.2	4.2	6.6	6.4	14.6	12.0	17.6	16.4	18.9	18.8	24	18.9
12	19.3	22.0	22.0	20.5	19.1	20.3	20.5	20.3	18.6	17.4	10.3	12.5	16.7	13.3	15.2	15.2	11.8	16.7	11.1	15.9	14.9	12.3	14.7	8.4	24	22.0
13	9.3	10.3	8.6	7.9	7.1	8.1	12.0	6.4	3.0	5.0	5.7	5.2	4.7	5.7	3.0	.4	2.0	2.7	2.3	5.5	6.9	7.4	6.9	5.9	24	12.0
14	9.3	10.5	9.3	7.1	8.1	11.8	9.8	7.8	8.1	10.5	10.8	9.1	9.1	5.2	4.2	5.9	4.5	5.2	8.3	7.9	3.7	2.2	8.6	9.3	24	11.8
15	10.3	8.8	13.3	14.4	10.8	8.6	8.6	12.5	8.6	13.2	10.8	7.6	7.9	8.6	6.2	3.2	5.7	9.8	10.3	11.5	15.4	32.3	12.3	12.2	24	32.3
16	17.4	17.9	15.6	16.4	16.9	20.5	16.1	15.4	13.5	13.7	9.8	5.9	5.2	4.7	3.2	4.5	3.7	4.2	5.4	3.7	4.7	4.2	5.4	5.5	24	20.5
17	5.4	6.6	7.1	6.9	6.6	4.2	6.6	10.5	7.4	5.0	3.5	.8	-1.0	-.5	.8	3.0	3.7	6.4	8.1	11.8	10.8	18.1	14.2	15.4	24	18.1
18	12.8	9.3	11.0	10.8	13.0	11.0	11.3	11.0	13.0	12.5	8.8	9.8	10.3	10.6	10.8	6.6	4.9	9.3	9.1	17.1	2.2	11.3	8.1	6.2	24	17.1
19	5.0	4.5	3.5	3.5	1.0	-.3	-.5	1.5	1.8	-1.3	-3.9	2.7	4.2	1.5	-2.4	-2.2	2.5	3.7	2.0	1.0	5.2	7.6	23.5	8.6	24	23.5
20	9.3	15.4	5.5	9.3	9.1	7.6	6.9	9.1	8.8	9.1	7.5	4.4	2.5	2.2	2.3	2.0	4.2	6.2	6.9	12.5	15.9	16.7	17.4	15.7	24	17.4
21	17.6	12.0	17.1	16.7	12.8	18.1	29.6	22.8	24.7	14.1	13.2	10.8	6.6	4.2	5.7	8.1	12.2	11.8	24.9	15.7	11.3	15.9	11.8	11.8	24	29.6
22	13.0	13.5	11.3	16.7	11.5	13.7	17.6	16.1	14.2	9.6	6.6	6.4	6.2	6.2	11.5	5.9	4.9	5.2	6.9	7.4	5.2	5.0	3.5	3.7	24	17.6
23	6.4	5.2	8.3	7.4	6.2	5.7	3.9	7.3	7.1	7.4	6.6	5.2	4.7	5.4	3.7	3.5	6.7	9.6	8.3	21.0	19.4	18.1	20.1	31.6	24	31.6
24	24.0	29.3	19.6	19.1	20.3	21.5	19.8	24.2	18.6	22.8	8.4	11.3	11.3	11.5	11.8	11.3	8.6	13.5	12.5	28.9	18.4	29.8	33.3	26.6	24	33.3
25	23.0	33.5	30.3	35.5	29.3	30.8	25.4	30.6	20.5	17.1	15.7	15.4	14.2	15.6	11.3	12.0	9.8	13.7	19.1	24.2	25.2	24.0	21.8	18.4	24	35.5
26	17.9	21.5	21.3	16.2	11.3	9.8	9.4	14.2	10.1	5.7	2.7	2.3	2.7	.8	-2.7	.1	.8	6.9	5.5	.8	1.0	3.5	4.0	8.3	24	21.5
27	4.9	22.3	16.9	11.3	10.1	6.9	7.4	22.5	17.4	-.8	3.0	3.5	2.0	.3	.0	3.0	3.7	5.2	12.3	15.7	20.6	18.4	21.8	13.4	24	22.5
28	17.2	23.3	18.6	17.7	13.7	14.4	16.2	15.9	21.8	12.8	13.0	7.7	7.9	AZ	BA	BA	23.7	25.0	22.5	22.5	39.5	33.1	25.0	21.3	21	39.5
29	26.4	29.9	26.5	22.8	21.1	26.2	21.5	16.7	13.0	14.9	7.9	8.7	8.8	6.0	6.2	8.1	6.4	10.3	15.4	19.8	21.8	37.0	28.9	36.5	24	37.0
30	33.6	26.2	20.3	22.0	23.3	21.5	20.8	22.3	17.2	13.5	10.6	8.6	8.4	11.3	7.2	13.7	12.3	14.9	16.2	22.5	22.3	25.4	26.9	24.7	24	33.6
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	29	29	29	30	29	29	29	30	30	30	30	30	30	30	30		
MAX:	33.6	33.5	30.3	35.5	29.3	30.8	29.6	30.6	24.7	22.8	15.9	16.4	16.7	15.6	16.4	15.2	23.7	25.0	44.8	28.9	39.5	37.0	33.3	36.5		
AVG:	12.66	13.75	12.49	12.08	10.99	11.72	11.41	12.56	11.45	9.66	7.33	7.22	7.05	6.36	5.90	5.46	6.79	8.82	10.94	12.78	12.26	14.27	13.63	12.70		

MONTHLY OBSERVATIONS: 714 MONTHLY MEAN: 10.46 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.

(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: 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 2017

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

DAY	HOUR 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	23.0	19.1	27.6	21.8	22.3	25.2	21.3	27.9	25.7	15.4	6.4	5.7	4.7	3.5	5.2	3.3	2.5	7.6	14.7	9.6	12.0	9.8	12.5	9.6	24	27.9
2	11.3	11.6	12.0	11.1	11.8	9.6	10.3	11.6	11.3	15.4	12.8	11.3	11.3	11.3	9.8	15.0	9.6	19.6	12.5	11.8	21.0	18.6	22.5	23.5	24	23.5
3	25.0	22.0	22.3	25.7	19.1	22.5	21.5	24.0	18.4	16.7	8.4	14.2	11.1	7.6	6.7	3.8	6.9	10.6	12.8	19.4	19.6	19.6	22.8	16.2	24	25.7
4	21.5	19.1	21.3	18.7	16.9	16.9	18.9	18.1	22.8	AX	BA	BA	7.1	5.9	10.1	5.7	1.8	3.3	12.5	12.8	15.2	15.7	21.0	17.1	21	22.8
5	17.6	19.6	23.5	24.4	23.3	18.6	17.4	18.6	13.0	13.7	23.0	12.3	13.7	8.1	8.6	8.6	11.1	8.1	9.6	16.4	5.0	3.2	2.3	1.3	24	24.4
6	1.1	6.2	8.6	7.1	8.6	6.2	2.5	1.0	2.0	4.0	3.2	2.2	2.2	-.8	-2.0	1.0	2.7	1.3	5.0	9.1	8.3	9.1	8.6	9.3	24	9.3
7	8.9	10.5	9.3	9.6	11.3	9.1	13.5	11.5	8.8	7.4	6.7	6.6	5.2	3.2	5.9	5.7	4.2	4.0	9.6	6.9	9.8	9.3	7.8	11.3	24	13.5
8	12.0	13.9	13.0	12.8	10.8	13.9	13.0	10.5	11.0	11.8	10.6	6.9	6.6	7.9	5.7	7.1	5.9	4.5	3.0	7.6	5.2	5.7	3.7	.1	24	13.9
9	.8	1.3	2.2	4.4	4.7	3.5	3.0	3.2	3.5	7.4	8.1	8.4	7.4	6.9	7.4	6.4	7.6	5.9	6.7	10.1	7.1	7.6	9.1	11.1	24	11.1
10	12.0	7.1	3.7	4.0	4.5	2.7	6.2	8.6	8.1	5.9	4.7	3.7	2.5	2.0	4.2	4.7	7.4	9.6	15.4	13.3	10.8	12.8	9.8	15.9	24	15.9
11	11.8	15.9	15.2	13.4	14.9	15.4	17.4	20.8	22.0	17.6	9.6	8.3	11.8	8.4	5.9	7.6	5.7	7.1	7.8	11.3	9.6	10.1	7.9	7.8	24	22.0
12	10.1	8.3	8.8	10.3	11.3	14.1	13.2	12.8	17.7	12.0	8.6	7.4	5.7	3.7	3.0	4.2	3.0	1.3	9.6	7.1	4.7	3.0	1.7	1.0	24	17.7
13	.5	2.7	1.8	2.7	2.7	1.3	3.9	4.2	4.2	.5	-.8	1.0	-.3	-1.5	-1.0	1.0	3.2	3.0	3.0	2.8	2.0	1.8	2.3	5.0	24	5.0
14	3.5	3.0	4.7	5.7	4.7	6.4	7.4	11.5	10.3	7.6	5.2	3.5	3.5	3.9	4.9	7.6	8.8	12.8	10.6	11.1	10.1	9.8	8.4	7.6	24	12.8
15	11.5	11.5	8.6	7.1	8.8	9.8	11.3	10.6	8.4	10.3	9.3	8.9	12.8	11.1	11.3	12.3	15.4	15.1	15.6	16.7	13.7	11.3	11.0	14.9	24	16.7
16	12.5	14.7	13.2	13.2	10.8	11.0	9.6	15.1	14.2	16.4	12.8	11.3	8.6	4.5	7.9	12.5	11.6	9.3	12.3	19.3	18.4	28.4	28.9	32.6	24	32.6
17	30.4	28.4	35.0	29.1	30.3	25.9	22.8	21.5	29.6	25.7	26.2	23.5	17.6	13.7	16.4	12.3	16.2	18.6	14.7	23.2	21.3	14.2	16.9	24.9	24	35.0
18	16.7	20.1	20.8	25.9	23.0	25.2	25.0	28.4	28.1	29.6	20.1	15.4	15.9	13.7	16.7	8.9	13.8	21.8	19.4	26.4	16.9	23.8	18.4	21.3	24	29.6
19	17.9	18.1	24.9	20.3	18.4	22.8	19.6	22.0	35.8	21.0	AX	BA	9.3	7.4	11.1	13.0	12.0	17.7	10.3	15.7	7.9	13.0	8.1	5.7	22	35.8
20	6.4	13.3	11.1	13.5	14.9	10.1	21.5	11.6	12.8	11.6	10.3	7.4	4.0	3.7	4.7	5.2	6.7	10.8	6.7	13.5	7.9	5.7	7.9	8.4	24	21.5
21	7.2	7.6	5.7	8.1	6.9	12.3	10.8	13.5	15.2	13.7	10.1	9.1	8.6	7.7	11.3	8.1	7.6	6.9	13.5	19.8	14.4	11.5	15.2	12.0	24	19.8
22	15.4	10.6	10.3	9.1	14.2	11.3	13.0	14.4	10.8	14.5	13.9	7.8	8.8	9.3	8.8	8.3	6.6	11.3	12.8	16.1	14.4	14.9	16.9	15.4	24	16.9
23	15.4	15.9	10.3	9.8	10.3	8.1	9.8	12.8	11.3	10.8	9.8	7.1	11.8	7.1	5.7	5.4	7.4	6.4	9.6	5.9	6.4	5.7	2.0	3.5	24	15.9
24	4.0	3.0	1.5	.0	.4	3.2	4.4	.4	3.2	2.7	1.5	2.5	3.9	3.0	4.4	4.0	2.7	4.7	4.7	6.9	7.1	6.9	12.2	10.0	24	12.2
25	6.9	9.6	5.4	1.7	3.2	3.9	2.3	1.0	4.4	7.8	5.7	4.4	2.7	.3	2.5	2.5	2.5	4.0	3.7	2.7	1.7	1.5	3.7	5.9	24	9.6
26	5.4	4.0	4.4	7.4	4.7	2.0	3.2	5.2	6.4	5.9	3.2	3.7	4.4	2.2	1.7	2.5	4.4	5.7	5.6	9.6	12.0	15.4	14.9	14.6	24	15.4
27	14.1	16.4	17.1	17.6	13.0	14.4	10.8	12.0	17.4	11.3	10.5	7.4	9.8	9.8	7.9	5.2	4.7	7.8	6.4	7.1	6.4	6.1	7.1	6.2	24	17.6
28	4.9	4.9	4.7	3.2	3.7	4.2	7.1	8.3	6.6	4.9	10.3	9.1	10.5	7.6	5.9	4.4	6.9	6.6	9.3	16.1	13.0	16.7	15.1	18.4	24	18.4
29	20.3	16.4	18.6	21.0	12.8	21.3	22.0	21.5	44.3	13.9	16.2	13.4	14.4	14.6	12.0	9.1	8.8	15.9	11.8	19.3	29.6	20.5	23.7	21.5	24	44.3
30	28.8	20.3	23.4	19.1	24.9	20.5	19.1	21.3	21.3	23.0	15.6	11.5	7.8	12.0	8.8	5.2	5.9	5.2	2.0	4.9	6.9	5.2	8.1	13.0	24	28.8
31	10.0	10.3	8.1	6.4	5.9	8.1	7.1	5.9	9.8	6.4	5.4	5.0	3.7	4.2	4.7	4.5	3.5	4.7	6.4	4.9	3.5	3.2	5.9	5.0	24	10.3
NO.:	31	31	31	31	31	31	31	31	31	30	29	29	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	30.4	28.4	35.0	29.1	30.3	25.9	25.0	28.4	44.3	29.6	26.2	23.5	17.6	14.6	16.7	15.0	16.2	21.8	19.4	26.4	29.6	28.4	28.9	32.6		
AVG:	12.48	12.43	12.81	12.39	12.04	12.24	12.55	13.22	14.79	12.16	9.91	8.24	7.97	6.52	6.97	6.62	7.00	8.75	9.60	12.17	11.03	10.97	11.50	11.94		

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 10.69 MONTHLY MAX: 44.3

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.

(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: (145) R & P Model 2025 PM-2.5 Sequential
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2017

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	6.5			2.9	5.7				7.2	4.1		
2			3.2					11.8				
3		4.3				10.5	BJ				11.9	AN
4	3.6			5.6	6.0				11.7	5.8		
5			6.9					4.8				
6		11.0				6.8	6.0				10.7	AN
7	6.0 V			2.0	4.1		7.4		6.1	5.6		
8			3.6					5.6				7.7
9		2.8				6.6	4.2				1.1 V	AM
10	11.6			7.5	12.5				3.4	8.8		AM
11			4.7					7.0				
12		11.1				10.1	AN				9.9	6.8
13	7.6			8.3	BJ				6.2	4.6		
14			3.2					11.8				
15		AV				9.3	BJ				6.9	8.9
16	6.4			13.6	10.1				7.7	4.5		
17			8.3					11.0				
18		.6 V				7.7	7.1				8.6	BJ
19	5.2			6.5	9.1				8.7	5.8		
20			7.3		7.2			11.8				7.8
21		17.2				4.1	14.9				8.7	8.2
22	2.2	12.4		8.0	6.7				11.8	11.7		
23			5.5					9.4				
24		7.2				AN	7.8				12.0	3.3
25	6.0			1.7 V	3.4				6.5	4.2		
26			5.6					9.9				
27		9.8				7.0 V	11.5				7.6	6.3
28	4.0			14.8	5.4				11.8	6.4		
29			6.9					2.7				
30						AN	5.1				14.3	13.5
31	7.9				7.7					8.6		
NO.:	11	9	10	10	11	8	8	10	10	11	10	8
MAX:	11.6	17.2	8.3	14.8	12.5	10.5	14.9	11.8	11.8	11.7	14.3	13.5
MEAN:	6.09	8.49	5.52	7.09	7.08	7.76	8.00	8.58	8.11	6.37	9.17	7.81

ANNUAL OBSERVATIONS: 116 ANNUAL MEAN: 7.45 ANNUAL MAX: 17.2

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.

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

REPORT FOR: JANUARY 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	10.3	8.6	10.6	9.1	9.1	12.7	8.6	10.6	11.1	9.3	12.0	7.6	8.9	10.1	6.6	9.6	8.6	8.6	12.0	15.2	12.7	15.1	16.2	15.2	24	16.2
2	9.3	7.1	8.3	5.9	3.7	2.2	2.8	3.0	3.7	4.2	4.2	3.7	6.6	4.5	5.2	4.2	5.6	5.0	5.0	7.8	5.7	8.8	6.4	5.2	24	9.3
3	6.9	7.3	4.7	4.0	5.2	3.2	1.3	4.2	5.2	2.2	.4	.9	2.2	1.5	.4	1.5	5.2	8.3	6.4	5.9	6.6	7.8	9.3	7.8	24	9.3
4	8.8	10.8	10.6	10.8	9.1	11.3	9.8	8.1	8.8	7.8	6.8	4.2	5.0	4.2	2.3	.9	1.5	3.5	6.4	6.1	9.1	6.9	7.1	7.3	24	11.3
5	4.5	5.2	5.2	7.1	8.3	7.3	5.0	8.6	9.8	6.4	6.8	5.7	4.2	3.2	5.9	7.4	8.1	7.8	7.4	5.4	8.9	9.6	9.6	10.6	24	10.6
6	8.8	8.3	8.6	10.3	8.1	9.6	7.6	7.9	7.4	10.3	9.1	5.4	6.6	4.7	4.5	6.6	9.1	12.7	15.4	9.8	8.1	11.1	7.3	17.3	24	17.3
7	7.3 6	9.8 6	9.3 6	8.8 6	7.5 6	9.7 6	10.0 6	10.5 6	11.4 6	11.7 6	9.0 6	9.0 6	10.0 6	11.0 6	8.0 6	11.0 6	12.0 6	12.0 6	13.0 6	15.0 6	12.0 6	13.0 6	11.0 6	11.0 6	24	15.0
8	14.0 6	13.0 6	13.0 6	10.0 6	16.0 6	14.0 6	11.0 6	10.0 6	11.0 6	7.0 6	6.0	10.0	10.0	11.0	12.0	12.0	10.0	11.0	20.0 6	24.0 6	22.0 6	21.0 6	11.0 6	18.0 6	24	24.0
9	16.0 6	13.0 6	14.0 6	17.0 6	17.0 6	16.0 6	15.0 6	15.0 6	13.0 6	9.0 6	7.0 6	10.0	10.0	10.0	13.0	10.0	9.0	9.0	7.0	12.0	24.0 6	30.0 6	31.0 6	34.0 6	24	34.0
10	31.0 6	29.0 6	26.0	20.0	24.0	22.0	25.0	24.0	20.0	22.0	17.0	10.0	9.0	8.0	7.0	8.0	7.0	11.0	13.0	14.0	11.0	14.0	16.0	16.0	24	31.0
11	14.0	12.0	17.0	10.0	13.0	16.0	14.0	12.0	17.0	21.0	16.0	16.1	16.0	12.0	12.0	14.0	17.8 6	9.5	15.4	13.2	17.1	17.4	13.6	17.4	24	21.0
12	11.3	14.1	9.1	5.6	10.5	10.5	9.0	6.1	AX	BA	BA	1.0	5.0	6.0	7.0	4.0	3.0	6.0	7.0	7.0	9.0	7.0	8.0	10.0	21	14.1
13	9.0	9.0	12.0	9.0	10.0	14.0	12.0	15.0	14.0	14.0	10.0	10.0	8.0	6.0	6.0	7.0	7.0	6.0	7.0	7.0	11.0	9.0	8.0	8.0	24	15.0
14	8.0	8.0	8.0	6.0	6.0	10.0	6.0	6.0	7.0	7.0	8.0	7.0	9.0	8.0	9.0	9.0	8.0	10.0	10.0	10.0	16.0	17.0	15.0	16.0	24	17.0
15	18.0	17.0	13.0	14.0	14.0	12.0	15.0	19.0	21.0	21.0	14.0	10.0	7.0	5.0	9.0	9.0	7.0	6.0	8.0	7.0	11.0	8.0	14.0	10.0	24	21.0
16	8.0	7.0	7.0	8.0	13.0	9.0	10.0	6.0	5.0	6.0	9.0	9.0	5.0	3.0	6.0	8.0	9.0	7.0	8.0	11.0	11.0	13.0	14.0	11.0	24	14.0
17	14.0	12.0	15.0	18.0	15.0	20.0	19.0	23.0	21.0	20.0	15.0	10.0	16.0	BA	BA	BA	11.1	9.8	12.0	12.7	12.8	15.4	14.9	9.6	21	23.0
18	13.2	9.8	10.3	13.5	10.1	11.1	14.2	14.2	19.9	13.2	7.0	3.0	3.0	4.0	5.0	4.0	8.0	6.0	5.0	7.0	9.0	8.0	6.0	5.0	24	19.9
19	4.0	6.0	10.0	7.0	6.0	9.0	10.0	10.0	9.0	BA	BA	6.4	2.8	3.0	3.3	3.3	4.7	7.4	9.6	8.9	18.2	10.3	15.9	14.4	22	18.2
20	11.1	12.5	14.9	13.7	14.7	11.3	15.4	15.2	15.2	17.2	14.0	15.7	15.2 6	12.1 6	16.0 6	13.0 6	14.9 6	10.6	21.6	19.8	15.1	15.4	13.4	12.9	24	21.6
21	13.2	9.1	10.1	10.8	9.1	9.1	8.6	7.1	5.2 6	6.2 6	5.7 6	5.9 6	6.4 6	9.6 6	10.6 6	13.0 6	13.7 6	8.9	8.9	7.4	7.4	5.2	8.1	5.0	24	13.7
22	2.0	4.7	3.5	4.5	4.5	.4	1.8	5.7	5.0	3.8 6	6.4	5.2 6	5.7 6	5.5 6	3.0 6	6.4 6	5.0 6	4.0	3.5	1.6	3.3	5.0	3.8	3.5	24	6.4
23	3.7	3.5	3.7	4.0	2.8	1.3	.6	4.5	4.5	5.0	4.0 6	7.6 6	5.5 6	5.5 6	5.5	5.2	5.5	3.7	5.2	3.8	4.0	3.5	5.5	4.3	24	7.6
24	6.4	4.5	2.8	1.6	5.0	7.1	5.9	4.5	2.6 6	3.1 6	4.1 6	3.8 6	.4 6	4.0 6	4.8 6	4.0 6	3.8 6	2.5	3.3	5.0	6.1	8.4	6.2	3.0	24	8.4
25	1.3	11.8	8.4	7.6	6.9	7.1	5.7	9.9	8.6 6	6.5 6	10.4 6	6.7 6	8.7 6	6.4 6	6.4 6	6.2 6	5.0 6	5.4	5.2	9.8	16.4	20.8	14.7	12.3	24	20.8
26	14.9	10.6	12.7	13.2	10.6	9.1	10.1	9.8	6.6	8.9	AX	BA	BA	3.0	2.5	2.8	4.7	6.1	4.2	4.2	4.5	4.5	6.7	6.4	21	14.9
27	7.1	5.7	3.3	4.5	4.2	5.0	6.6	8.4	6.4	8.4 6	6.7 6	3.3 6	5.0 6	10.1	7.6	6.4	6.6	7.2	8.4	7.9	9.1	10.1	7.9	5.7	24	10.1
28	7.6	6.7	5.0	4.5	7.9	8.6	6.4	9.1	9.4	8.4 6	6.7 6	9.4 6	9.9 6	7.2 6	3.5 6	3.1 6	12.5 6	8.4	7.6	8.6	8.1	11.8	11.6	12.6	24	12.6
29	9.4	10.9	12.8	10.6	7.9	10.4	8.9	8.9	8.6	8.4 6	9.7 6	7.4 6	8.5 6	8.2 6	5.0	5.0	5.5	5.2	4.7	6.9	7.4	8.4	7.6	5.5	24	12.8
30	4.5	4.8	7.1	7.9	7.4	6.4	8.9	9.6	8.7	5.0 6	4.8	5.5 6	5.5 6	6.7	4.5 6	8.9 6	6.9 6	9.6	11.8	11.3	11.8	11.1	13.3	16.0	24	16.0
31	15.2	16.0	18.2	17.5	15.0	13.5	12.6	16.2	9.4	8.4 6	8.2 6	11.1 6	7.7 6	9.2 6	9.7 6	9.7 6	10.9 6	7.7 6	7.7	13.3	14.7	14.0	18.9	12.5	24	18.9
NO.:	31	31	31	31	31	31	31	31	30	29	28	30	30	30	30	30	31	31	31	31	31	31	31	31		
MAX:	31.0	29.0	26.0	20.0	24.0	22.0	25.0	24.0	21.0	22.0	17.0	16.1	16.0	12.1	16.0	14.0	17.8	12.7	21.6	24.0	24.0	30.0	31.0	34.0		
AVG:	10.09	9.93	10.14	9.50	9.73	9.96	9.57	10.39	10.18	9.70	8.50	7.35	7.43	6.76	6.71	7.11	7.96	7.61	9.02	9.63	11.07	11.63	11.35	11.08		

MONTHLY OBSERVATIONS: 733 MONTHLY MEAN: 9.28 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.

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

REPORT FOR: FEBRUARY 2017

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	15.2	9.4	12.1	16.5	15.0	14.2	15.2	18.2	16.2	21.6 6	20.4 6	22.7 6	19.2 6	15.0 6	18.0 6	12.4 6	15.0 6	21.6 6	17.7	9.1	8.2	12.8	10.1	10.9	24	22.7
2	9.1	15.7	11.1	10.1	9.6	11.8	12.1	11.4	10.6 6	12.1 6	8.7 6	5.5 6	7.2 6	7.9 6	9.2 6	7.2 6	9.2 6	10.6 6	13.7	15.5	19.9	12.1	9.6	6.2	24	19.9
3	5.0	6.9	5.2	7.9	8.9	7.9	7.6	7.4	12.1	8.4	8.4	6.7	7.2	8.1	8.7	5.7	7.6	6.7	8.9	9.8	9.4	9.4	5.9	8.6	24	12.1
4	9.6	7.4	4.7	8.6	7.8	8.1	11.5 6	10.8	9.9	9.1	7.4 6	6.9 6	6.0 6	6.5 6	8.5 6	8.7 6	8.9 6	12.8 6	15.9	11.6	16.4	22.1	17.9	19.9	24	22.1
5	22.6	22.1	22.6	20.9	17.2	18.4	19.4	19.9	18.4	19.1	12.1 6	9.9 6	5.7 6	6.7 6	7.7 6	5.9 6	11.4 6	12.8 6	17.9	10.6	14.7	16.9	19.6	18.2	24	22.6
6	15.2	18.2	15.2	14.9	14.9	16.4	15.9	16.2	18.4 6	10.9 6	10.7 6	8.9 6	9.4 6	9.6 6	7.4 6	6.9 6	11.9 6	8.9 6	10.6	12.5	17.4	24.8	18.2	19.9	24	24.8
7	21.1	22.9	23.1	24.8	24.8	25.5	24.5	25.0	22.6 6	20.1 6	21.1 6	14.2 6	15.7 6	11.8 6	14.0 6	9.9 6	38.9 6	17.2 6	15.7 6	20.6 6	27.3 6	26.8 6	31.2 6	25.5	24	38.9
8	35.8	20.6	17.9	20.9	8.4	8.9	7.6	8.9	13.2 6	8.6	4.2 6	3.3 6	5.4 6	5.4	5.2 6	4.8 6	6.4 6	6.2	9.1	10.6	9.1	7.9	8.9	5.2	24	35.8
9	1.5	3.8	5.9	6.1	7.9	6.4	5.4	5.0	3.7	1.5	1.5	5.2 6	5.9	4.2	4.2	5.9	8.9	8.1	9.1	8.9	8.1	12.3	9.8	10.8	24	12.3
10	10.3	9.1	7.4	7.4	8.6	5.2	10.1	14.1	10.6	8.9	8.4 6	5.7 6	5.5 6	7.7 6	7.1 6	8.9	8.1 6	9.6	12.5	13.2	11.1	10.1	11.8	36.6	24	36.6
11	32.9	15.7	8.6	8.6	11.6	10.6	12.5	18.4	17.9	15.9 6	14.2 6	10.1 6	7.6 6	12.5 6	9.1 6	8.6 6	12.5 6	11.8 6	16.4 6	14.9	14.9	15.7	20.1	12.5	24	32.9
12	10.8	12.5	10.9	16.2	16.4	11.8	12.7	13.2	13.2 6	12.5 6	19.9 6	13.2 6	12.7 6	13.0 6	8.9 6	10.1 6	12.1 6	10.8 6	12.3 6	11.8 6	10.8 6	10.1 6	7.9	6.9	24	19.9
13	4.2	3.7	5.2	6.2	7.9	5.2	3.0	5.7	5.0 6	3.0 6	3.0 6	AZ	AZ	AZ	3.3 6	2.1 6	3.5 6	4.7 6	7.1 6	6.4 6	9.4 6	7.9 6	10.3 6	9.9 6	21	10.3
14	16.7IM	8.6IM	8.4IM	18.6IM	31.2IM	12.3IM	10.3IM	10.3IM	11.1IM	8.2IM	8.4IM	7.7IM	6.4IM	7.6IM	7.2IM	11.6IM	11.3IM	24.6IM	32.7IM	34.9IM	38.9IM	39.4IM	42.8IM	37.6IM	24	42.8
15	41.1IM	47.6IM	42.1IM	37.6IM	36.3IM	23.8IM	13.7IM	10.8IM	8.1IM	4.7IM	6.2IM	4.5IM	3.2IM	4.2IM	9.1IM	6.9IM	4.2IM	6.2IM	6.6IM	5.9IM	5.2IM	4.5IM	9.6IM	9.6IM	24	47.6
16	6.4 6	5.4 6	7.1 6	7.3 6	8.1 6	8.8 6	7.8 6	7.1 6	4.5 6	1.5 6	1.8 6	9.6 6	7.1 6	4.5 6	3.7 6	4.2 6	6.4 6	7.1 6	9.3 6	9.3 6	9.1 6	13.2 6	10.1 6	9.8 6	24	13.2
17	10.3 6	12.3 6	11.8 6	9.5 6	6.6 6	9.3 6	10.3 6	8.3 6	8.1 6	6.4 6	6.2 6	4.4 6	AX	BA	BA	2.3	5.5	15.4	28.3	32.4	34.4	24.3	25.3	21.4	21	34.4
18	18.1	16.9	19.6	17.9	18.4	19.8 6	19.1 6	19.4	15.9	15.7 6	11.2 6	7.7 6	8.7 6	8.9 6	7.9	7.9	11.1	16.4	13.7	13.9	14.2	13.9	7.9	9.6	24	19.8
19	6.4	6.9	16.7	16.1	13.7	15.4	15.2	12.2	9.4	8.7 6	11.1 6	6.7 6	7.2 6	7.9 6	5.9 6	5.0 6	7.2	10.1	12.0	11.5	11.8	15.9	12.3	14.4	24	16.7
20	15.2	17.9	18.4	14.6	17.9	18.4	15.6	11.1	15.0 6	9.9 6	10.2 6	14.3 6	11.4 6	8.7 6	7.2 6	7.2 6	9.1	11.1	15.4	16.9	13.4	16.9	18.4	17.6	24	18.4
21	15.4	17.4	19.4	16.9	15.4	10.6	19.8	18.4	14.4	12.0 6	17.2 6	19.4 6	20.2 6	23.2 6	16.5 6	16.2 6	25.8	24.6	23.8	23.3	32.6	35.3	38.6	30.2	24	38.6
22	30.5	22.6	24.8	27.0	18.6	21.1	16.7	18.6	14.2	10.6 6	14.0 6	10.4 6	7.4 6	7.4 6	5.0	4.8	6.6	9.4	9.1	15.7	18.6	15.2	13.7	11.8	24	30.5
23	16.7	17.7	14.9	16.7	18.1	17.2	21.6	17.7	18.9 6	16.5 6	9.2 6	5.8 6	3.1 6	6.0 6	7.6 6	6.0 6	5.0 6	5.4	4.5	9.8	11.8	11.5	13.9	11.5	24	21.6
24	9.8	11.8	9.1	7.6	11.8	13.9	9.1	7.4	14.5 6	13.3 6	10.9	7.4	5.3 6	3.6	8.2	6.7	7.6	5.0	1.6	6.2	7.6	8.9	7.6	7.6	24	14.5
25	10.3	6.9	7.1	9.4	7.4	8.9	6.7	6.7	7.2	9.1	7.4 6	12.1	10.4	6.7	8.4	6.6	7.2	8.4	6.6	7.1	6.4	5.5	4.8	6.7	24	12.1
26	5.7	6.9	7.6	8.4	7.4	6.9	7.9	5.2	5.7	6.4	8.1	7.7	9.9	7.6	5.9	7.2	6.7	6.5	5.2	12.5	11.6	17.9	26.6	19.4	24	26.6
27	12.3	11.3	13.5	26.0	27.3	20.9	14.4	15.7	12.6	11.6	10.4	8.2	8.1	6.4	6.0 6	5.0	7.4	5.7	9.6	9.4	13.2	10.4	10.1	15.2	24	27.3
28	16.7	13.7	11.3	8.9	15.7	16.2	13.2	18.2	12.8	11.9	7.4	5.5 6	5.0 6	4.0	5.0	6.9	9.1	11.6	19.6	24.6	16.2	19.1	12.3	9.6	24	24.6
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	28	28	27	26	26	27	28	28	28	28	28	28	28	28	28		
MAX:	41.1	47.6	42.1	37.6	36.3	25.5	24.5	25.0	22.6	21.6	21.1	22.7	20.2	23.2	18.0	16.2	38.9	24.6	32.7	34.9	38.9	39.4	42.8	37.6		
AVG:	15.18	14.00	13.63	14.70	14.75	13.35	12.82	12.90	12.29	10.65	9.99	9.03	8.50	8.27	7.96	7.20	10.16	11.05	13.03	13.89	15.06	15.74	15.55	15.11		

MONTHLY OBSERVATIONS: 666 MONTHLY MEAN: 12.32 MONTHLY MAX: 47.6

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-063-0015 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: SPM
COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

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	22.9	22.9	22.6	17.9	21.3	22.1	18.9	13.2	13.2	15.9	8.4	9.1	8.6	6.6	10.1	13.2	7.4	4.7	5.2	3.5	1.8	2.5	2.3	24	22.9
2	2.0	5.9	6.4	5.4	6.9	8.6	10.1	7.1	5.7	4.7 6	5.7	6.0	5.9	5.5	7.9	6.7	4.5	4.3	7.6	6.4	6.6	7.6	9.1	6.9	24	10.1
3	7.6	9.1	5.4	3.3	5.5	9.9	9.4	8.4	6.0	8.4	6.2	AX	BA	BA	4.7	6.2	8.2	8.9	8.1	7.6	8.1	9.8	9.1	8.4	21	9.9
4	9.4	11.3	9.1	10.8	10.1	9.6	9.8	9.6	8.1	9.1	7.6	8.4	6.4	4.0	5.3	6.7	8.4	8.4	11.1	11.8	22.8	21.1	23.8	28.7	24	28.7
5	23.6	16.1	16.7	8.6	9.3	13.4	9.6	7.8	7.6	5.9	6.9	7.6	6.9	5.4	5.5	5.7	10.1	13.9	9.1	9.6	10.6	12.9	12.5	16.4	24	23.6
6	18.1	17.6	16.7	19.3	18.1	17.6	20.3	16.9	15.2	11.6	8.9	8.1	10.3	13.9	12.7	8.9	11.1	13.5	14.4	15.4	14.9	18.6	17.4	20.3	24	20.3
7	18.4	19.6	16.6	10.8	10.3	13.6	15.4	13.0	13.7	12.7 6	9.6 6	6.4 6	6.6	5.7	6.6	9.6	6.1	11.3	13.7	11.8	7.6	8.1	10.0	13.4	24	19.6
8	9.3	8.8	6.6	5.4	3.5	7.8	7.6	6.4	3.9	2.5	1.3 6	.8	4.2 6	5.7 6	6.4	4.2	2.0	1.8	5.4	6.6	6.6	7.3	12.3	9.6	24	12.3
9	9.8	9.3	11.1	8.1	7.6	7.1	10.8	8.3	6.8	7.1	3.7	1.1	2.3 6	1.3	1.8	2.3	3.2	4.0	4.5	7.8	10.6	8.1	16.4	16.9	24	16.9
10	19.8	17.4	17.6	20.8	16.4	21.1	23.1	21.6	15.1	6.9	8.1	6.8	4.0	5.9	4.7	3.2	6.3	6.6	4.7	6.8	6.1	6.6	8.1	6.6	24	23.1
11	6.4	9.1	11.5	9.3	6.1	3.9	4.2	3.5	4.2	3.5	6.8	6.3	6.6	4.4	3.4	6.4	4.9	6.1	7.6	9.5	15.4	15.1	19.8	5.6	24	19.8
12	4.4	7.1	9.0	10.5	9.0	8.8	9.3	7.8	8.3	7.1	8.3	9.3	7.8	6.1	5.6	8.1	9.3	9.8	9.1	10.8	11.0	12.4	11.2	16.6	24	16.6
13	11.7	10.3	18.3	17.4	19.3	12.9	11.5	13.9	13.9	11.5	8.1	9.6	11.5	9.1	10.5	10.8	10.5	10.0	10.0	11.5	11.0	8.1	7.6	4.9	24	19.3
14	4.9	4.2	3.9	4.2	3.9	2.7	5.9	6.8	4.2	5.9	6.6	8.3	5.2	6.1	6.6	4.7	5.4	9.8	12.7	10.8	9.0	14.1	10.0	9.3	24	14.1
15	7.8	6.3 6	6.3 6	8.0 6	9.5 6	10.5 6	8.0 6	6.1 6	4.9	4.2	7.3	9.1	4.9	4.7	6.1	4.4	6.1	6.8	7.3	6.3	6.8	7.3	8.3	9.3	24	10.5
16	7.1	9.8	10.0	8.1	6.1	5.8	7.3	10.8	AX	BA	BA	9.4	8.7	7.2	7.2	6.7	7.7	9.2	8.2	9.9	8.2	17.5	12.8	9.9	21	17.5
17	12.1	14.2	14.0	16.5	15.5	16.7	15.0	14.2	14.8	8.7	5.7	8.9	7.2	10.7	8.2	8.2	8.2	12.3	11.1	12.1	14.5	14.0	18.2	15.3	24	18.2
18	17.9	15.0	16.7	22.4	24.8	27.3	23.3	26.6	27.8	28.8	25.8	25.1	32.0	30.3	29.1	20.9	19.5	20.9	8.9	9.7	7.9	10.4	9.2	9.9	24	32.0
19	9.4	9.9	7.9	5.7	8.4	6.9	7.2	4.8	2.6	3.6	5.0	4.5	3.8	5.7	9.2	10.4	9.4	6.0	4.8	13.0	10.9	23.6	15.7	14.0	24	23.6
20	13.5	11.4	8.2	8.6	9.7	9.9	10.6	10.2	9.7	9.7	9.2	7.9	6.5	7.9	10.2	9.0	6.7	8.9	9.7	11.6	12.8	9.9	12.5	12.1	24	13.5
21	21.9	19.9	21.2	21.7	21.7	23.2	27.6	23.9	18.7	16.3	12.8	9.7	11.9	11.9	14.5	10.2	13.8	15.0	15.8	16.5	14.5	13.7	12.4	14.7	24	27.6
22	7.4	5.7	6.9	5.0	10.9	8.7	7.7	8.7	8.7	6.7	8.7	6.2	6.0	10.4	8.7	7.2	6.7	6.2	5.3	8.4	6.7	6.5	5.7	6.7	24	10.9
23	6.5	6.2	6.4	6.0	7.9	11.9	12.4	10.7	6.2	6.2	9.4	7.7	6.9	6.9	9.2	7.2	9.2	7.9	6.0	7.7	11.6	15.5	10.9	13.3	24	15.5
24	9.4	10.4	8.9	9.4	9.4	9.9	12.6	21.6	12.6	AX	BA	BC	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	9	21.6
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	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	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	0	
28	DL	DL	DL	DL	DL	DL	DL	DL	DL	BA	BA	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
29	DL	DL	DL	DL	DL	DL	DL	DL	4.2	6.6	5.9	6.2	7.1	5.2	2.5	6.4	12.6	7.1	6.2	9.4	7.6	9.1	10.3	14.2	16	14.2
30	9.8	12.8	10.3	8.9	15.9	5.4	9.6	6.2	4.0	3.0	11.8	7.4	4.2	5.5	3.3	3.3	8.4	8.6	9.4	16.9	10.3	7.6	4.5	4.2	24	16.9
31	6.9	4.7	4.7	5.7	4.5	3.8	2.3	.8	2.0	1.1	.6	6.7	10.4	6.0	2.0	5.5	7.4	4.0	4.5	5.7	3.2	2.3	3.2	5.0	24	10.4
NO.:	26	26	26	26	26	26	26	26	26	25	25	25	25	25	26	26	26	26	26	26	26	26	26	26		
MAX:	23.6	22.9	22.9	22.6	24.8	27.3	27.6	26.6	27.8	28.8	25.8	25.1	32.0	30.3	29.1	20.9	19.5	20.9	15.8	16.9	22.8	23.6	23.8	28.7		
AVG:	11.13	11.35	11.28	10.87	11.08	11.47	12.03	11.33	9.31	8.20	8.24	7.84	7.86	7.76	7.63	7.42	8.42	8.80	8.46	9.95	9.95	11.12	11.29	11.33		

MONTHLY OBSERVATIONS: 619 MONTHLY MEAN: 9.77 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.

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

REPORT FOR: APRIL 2017

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	5.0	3.0	3.0	7.0	5.0	5.0	3.0	.0	3.0	4.0	4.0	2.0	1.0	-1.0	4.0	.0	-2.0	5.0	7.0	8.0	9.0	9.0	7.0	6.0	24	9.0
2	4.0	2.0	5.0	7.0	4.0	2.0	5.0	7.0	4.0	3.0	6.0	6.0	4.0 6	6.0	6.0	4.0	4.0	5.0	5.0	5.0	10.0	10.0	9.0	10.0	24	10.0
3	9.0	12.0	11.0	5.0	3.0	6.0	6.0	7.0	7.0	5.0	7.0	7.0	4.0	5.0	6.0	3.0	4.0	7.0	3.0	6.0	5.0	4.0	5.0	2.0	24	12.0
4	.0	-1.0	-3.0	3.0	3.0	3.0	8.0	6.0	4.0	7.0	11.0	9.0	6.0	3.0	5.0	6.0	6.0	6.0	7.0	6.0	7.0	8.0	13.0	10.0	24	13.0
5	7.0	9.0	10.0	10.0	9.0	12.0	11.0	11.0	15.0	10.0	6.0	6.0	6.0	3.0	11.0	10.0	19.0	4.0	7.0	5.0	7.0	9.0	8.0	10.0	24	19.0
6	7.0	7.0	8.0	10.0	7.0	6.0	6.0	4.0	4.0	7.0	7.0	AX	AX	BA	BA	-1.0	2.0	1.0	.0	2.0	4.0	5.0	3.0	1.0	20	10.0
7	4.0	3.0	.0	4.0	5.0	5.0	8.0	5.0	2.0	3.0	5.0	5.0	2.0	4.0	2.0	1.0	.0	1.0	1.0	3.0	7.0	5.0	6.0	5.0	24	8.0
8	3.0	5.0	7.0	8.0	7.0	11.0	9.0	6.0	9.0	6.0	2.0	3.0	1.0 6	-2.0 6	3.0	5.0	4.0	3.0	3.0	10.0	9.0	13.0	18.0	16.0	24	18.0
9	18.0	13.0	13.0	17.0	14.0	12.0	11.0	13.0	12.0	10.0	7.0	4.0	2.0 6	2.0 6	2.0	2.0 6	5.0 6	6.0	5.0	7.0	14.0	12.0	13.0	14.0	24	18.0
10	10.0	9.0	9.0	11.0	10.0	9.0	10.0	11.0	9.0	7.0	6.0	7.0	8.0	6.0	8.0	8.0	7.0	6.0	6.0	7.0	10.0	16.0	10.0	12.0	24	16.0
11	11.0	10.0	9.0	7.0	5.0	5.0	6.0	7.0	6.0	6.0	4.0	7.0	7.0 6	10.0 6	7.0 6	6.0 6	8.0 6	8.0 6	13.0	10.0	8.0	10.0	24.0	17.0	24	24.0
12	12.0	9.0	7.0	7.0	6.0	8.0	9.0	8.0	5.0	5.0	6.0	6.0 6	5.0 6	5.0 6	6.0	7.0 6	7.0 6	6.0 6	6.0	5.0	6.0	17.0	14.0	9.0	24	17.0
13	8.0	11.0	8.0	11.0	11.0	10.0	11.0	13.0	10.0	10.0	8.0	7.0	7.0	8.0	8.0 6	9.0 6	7.0 6	5.0 6	13.0	12.0	12.0	9.0	8.0	9.0	24	13.0
14	10.0	11.0	7.0	6.0	7.0	11.0	9.0	11.0	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	8	11.0
15	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	10.0	9.0	7.0	11.0 6	8.0 6	9.0 6	8.0 6	10.0 6	7.0 6	6.0 6	AJ	AJ	AJ	AJ	AJ	10	11.0
16	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	
17	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	15.0	13.0	9.0	5.0	3.0	6.0	8.0	9.0	8	15.0
18	6.0	6.0	4.0	6.0	8.0	8.0	7.0	8.0	6.0	9.0	8.0	6.0	6.0	6.0	7.0	7.0	7.0	5.0	4.0	4.0	4.0	4.0	5.0	4.0	24	9.0
19	6.0	4.0	4.0	7.0	5.0	5.0	5.0	6.0	9.0	5.0	6.0	8.0	6.0	12.0	9.0	5.0	7.0	14.0	13.0	9.0	7.0	9.0	10.0	9.0	24	14.0
20	9.0	9.0	14.0	12.0	10.0	10.0	10.0	11.0	17.0	7.0	9.0	10.0	9.0 6	9.0 6	10.0 6	12.0 6	14.0 6	11.0 6	13.0	16.0	17.0	15.0	15.0	18.0	24	18.0
21	16.0	19.0	13.0	15.0	14.0	13.0	16.0	16.0	14.0	11.0	11.0	9.0 6	11.0 6	10.0 6	8.0 6	4.0 6	8.0 6	9.0 6	5.0	8.0	10.0	15.0	12.0	10.0	24	19.0
22	8.0	7.0	10.0	11.0	14.0	12.0	11.0	12.0	14.0	15.0	12.0	10.0	14.0 6	12.0 6	8.0 6	6.0 6	10.0	10.0	6.0	6.0	6.0	2.0	.0	1.0	24	15.0
23	3.0	2.0	4.0	3.0	2.0	3.0	2.0	1.0	3.0	5.0	6.0	10.0	8.0	9.0	5.0	3.0	4.0	3.0	4.0	4.0	5.0	5.0	6.0	4.0	24	10.0
24	6.0	4.0	2.0	2.0	4.0	3.0	1.0	AX	BA	BA	4.0	4.0	1.0	1.0	2.0	1.0	1.0	5.0	3.0	1.0	1.0	2.0	3.0	.0	21	6.0
25	1.0	2.0	-1.0	-1.0	3.0	5.0	4.0	5.0	3.0	1.0	6.0	4.0	.0	.0	2.0		4.0	2.0	1.0	1.0	2.0	2.0	6.0	5.0	23	6.0
26	1.0	4.0	9.0	5.0	2.0	1.0	2.0	4.0	5.0	5.0	4.0	6.0	10.0	6.0	3.0	4.0 6	4.0 6	6.0 6	12.0	9.0	8.0	7.0	8.0	13.0	24	13.0
27	10.0	10.0	14.0	16.0	12.0	14.0	12.0	14.0	11.0	10.0	10.0	12.0		20.0	30.0		9.0	8.0	7.0	12.0	9.0	18.0	17.0	12.0	22	30.0
28	15.0	17.0	15.0	9.0	11.0	17.0	12.0	13.0	15.0	14.0	12.0	6.0 6	17.0 6	13.0 6	15.0 6	15.0 6	15.0 6	19.0 6	13.0 6	22.0	20.0	20.0	24.0	32.0	24	32.0
29	26.0	27.0	24.0	24.0	19.0	18.0	17.0	16.0	15.0	13.0	14.0	13.0 6	13.0 6	14.0 6	12.0 6	15.0 6	13.0 6	17.0 6	14.0	17.0	10.0	19.0	13.0	12.0	24	27.0
30	9.0	7.0	10.0	12.0	9.0	15.0	6.0	8.0	7.0	6.0	7.0	5.0	4.0	3.0 6	.0 6	1.0 6	4.0 6	6.0	4.0	2.0	3.0	5.0	9.0	7.0	24	15.0
31																									0	
NO.:	27	27	27	27	27	27	27	26	25	26	27	26	25	26	26	25	28	28	28	27	27	27	27	27		
MAX:	26.0	27.0	24.0	24.0	19.0	18.0	17.0	16.0	17.0	15.0	14.0	13.0	17.0	20.0	30.0	15.0	19.0	19.0	14.0	22.0	20.0	20.0	24.0	32.0		
AVG:	8.30	8.19	8.00	8.67	7.74	8.48	8.04	8.58	8.36	7.46	7.30	6.88	6.52	6.62	7.23	5.64	7.00	7.07	6.79	7.48	7.89	9.48	10.15	9.52		

MONTHLY OBSERVATIONS: 640 MONTHLY MEAN: 7.82 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.

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

REPORT FOR: MAY 2017

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

DAY	HOUR 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	3.0	-1.0	1.0	4.0	4.0	4.0	6.0	4.0	5.0	4.0	2.0	6.0	6.0	5.0	10.0	6.0 6	7.0	15.0	6.0	6.0	7.0	5.0	1.0	1.0	24	15.0
2	1.0	3.0	1.0	4.0	5.0	9.0	6.0	5.0	7.0	7.0	5.0	7.0	5.0	4.0	7.0	7.0	4.0	4.0	5.0	7.0	6.0	7.0	7.0	6.0	24	9.0
3	8.0	7.0	9.0	8.0	10.0	9.0	4.0	4.0	4.0	4.0	3.0	1.0	AX	BA	BA	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	12	10.0
4	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	9.0	9.0	8.0	6.0	5.0	10.0	7.0	5.0	6.0	5.0	5.0	11	10.0
5	3.0	.0	-1.0	-2.0	AN	AN	BA	BA	-2.0	-1.0	.0	4.0	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	8	4.0
6	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	
7	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	
8	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	BA	BA	3.0	5.0	4.0	3.0	3.0	2.0	7.0	6.0	4.0	12.0	9.0	11	12.0
9	9.0	8.0	6.0	3.0	6.0	7.0	9.0	11.0	9.0	6.0	4.0	6.0	7.0	6.0	6.0	5.0	5.0	6.0	10.0	9.0	9.0	11.0	11.0	9.0	24	11.0
10	9.0	13.0	AO	9.0	12.0	10.0	8.0	14.0	12.0	11.0	7.0	13.0	13.0 6	10.0 6	15.0 6	12.0 6	11.0 6	17.0 6	18.0 6	16.0	23.0	15.0	18.0	22.0	23	23.0
11	20.0	22.0	19.0	20.0	20.0	20.0	26.0	25.0	18.0	16.0	20.0	18.0	13.0	BA	BA	BA	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	13	26.0
12	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	3.0	2.0	1.0	2.0	1.0	-2.0	-2.0	-1.0	-2.0	-1.0	-1.0	.0	12	3.0
13	1.0	3.0	3.0	1.0	6.0	4.0	1.0	.0	1.0	2.0	2.0	1.0	2.0 6	4.0	2.0	1.0	3.0	6.0	7.0	4.0	1.0	3.0	5.0	9.0	24	9.0
14	7.0	7.0	8.0	6.0	8.0	8.0	9.0	7.0	6.0	9.0	7.0	3.0	9.0	7.0	8.0 6	8.0 6	6.0 6	5.0 6	7.0	9.0	8.0	10.0	9.0	11.0	24	11.0
15	9.0	13.0	12.0	12.0	10.0	8.0	12.0	8.0	8.0	AX	AX	BA	BA	9.0 6	10.0 6	12.0 6	15.0 6	13.0 6	9.0 6	14.0	15.0	17.0	14.0	13.0	20	17.0
16	17.0	11.0	12.0	9.0	10.0	10.0	11.0	9.0	7.0	6.0	4.0	4.0 6	6.0 6	7.0 6	10.0 6	10.0 6	8.0 6	10.0 6	9.0 6	9.0	16.0	17.0	16.0	15.0	24	17.0
17	15.0	14.0	12.0	13.0	16.0	15.0	17.0	14.0	16.0	8.0	8.0 6	6.0 6	10.0 6	11.0 6	8.0 6	9.0 6	14.0 6	18.0 6	22.0 6	15.0	13.0	11.0	10.0	11.0	24	22.0
18	15.0	17.0	13.0	17.0	10.0	9.0	10.0	7.0	7.0	AZ	BA	BA	8.0	9.0 6	7.0 6	9.0 6	9.0 6	8.0 6	10.0	16.0	10.0	12.0	14.0	12.0	21	17.0
19	17.0	11.0	8.0	9.0	7.0	8.0	8.0	10.0	9.0	6.0	10.0	6.0 6	7.0 6	12.0 6	14.0 6	8.0 6	57.0 6	12.0	7.0	5.0	9.0	9.0	7.0	6.0	24	57.0
20	6.0	9.0	7.0	8.0	7.0	10.0	10.0	8.0	8.0	5.0	4.0	3.0 6	1.0 6	1.0 6	3.0 6	3.0 6	3.0 6	4.0 6	3.0 6	6.0	10.0	16.0	13.0	8.0	24	16.0
21	11.0	8.0	9.0	8.0	12.0	7.0	5.0	8.0	8.0	6.0	4.0	12.0	11.0	9.0	12.0	10.0	10.0	10.0	12.0	9.0	7.0	12.0	11.0	10.0	24	12.0
22	10.0	13.0	8.0	7.0	13.0	13.0	8.0	4.0	3.0	2.0	1.0	1.0	.0	1.0	2.0	4.0 6	3.0	.0	1.0	3.0	4.0	4.0	4.0	7.0	24	13.0
23	2.0	-2.0	.0	1.0	.0	-4.0	-3.0	.0	3.0	2.0	.0	5.0	4.0	1.0	1.0	.0	1.0	1.0	-1.0	-4.0	-4.0	-3.0	-2.0	.0	24	5.0
24	-3.0	-4.0	-2.0	-3.0	1.0	3.0	.0	-2.0	.0	.0	1.0	2.0	3.0	1.0	1.0	4.0	6.0	5.0	6.0	3.0	1.0	1.0	2.0	2.0	24	6.0
25	2.0	2.0	.0	3.0	2.0	1.0	5.0	4.0	3.0	4.0	5.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0	4.0	3.0	3.0	6.0	6.0	3.0	24	6.0
26	7.0	7.0	6.0	7.0	8.0	8.0	11.0	9.0	7.0	6.0	7.0	6.0	6.0	7.0	9.0	10.0	11.0	8.0	10.0	7.0	6.0	11.0	15.0	12.0	24	15.0
27	17.0	13.0	10.0	13.0	10.0	9.0	9.0	10.0	10.0	9.0	9.0	7.0 6	9.0 6	13.0 6	9.0 6	8.0 6	7.0 6	12.0 6	11.0	10.0	16.0	14.0	16.0	8.0	24	17.0
28	8.0	9.0	8.0	10.0	8.0	4.0	7.0	5.0	4.0	4.0	6.0	6.0	3.0	2.0 6	2.0 6	3.0 6	3.0	2.0	4.0	2.0	.0	6.0	5.0	8.0	24	10.0
29	6.0	3.0	1.0	6.0	6.0	5.0	4.0	5.0	4.0	3.0	5.0	6.0 6	4.0 6	4.0 6	5.0 6	4.0 6	6.0 6	4.0 6	7.0	7.0	8.0	5.0	3.0	4.0	24	8.0
30	7.0	5.0	3.0	.0	.0	4.0	3.0	4.0	3.0	2.0	1.0	10.0	5.0	3.0	8.0	9.0	7.0	11.0	7.0	8.0	5.0	7.0	8.0	9.0	24	11.0
31	6.0	7.0	6.0	8.0	8.0	15.0	8.0	12.0	8.0	6.0	3.0	4.0 6	4.0 6	8.0 6	8.0 6	7.0 6	5.0 6	8.0 6	8.0	12.0	8.0	7.0	7.0	6.0	24	15.0
NO.:	26	26	25	26	25	25	25	25	26	24	24	24	24	26	26	26	26	26	26	26	26	26	26	26		
MAX:	20.0	22.0	19.0	20.0	20.0	20.0	26.0	25.0	18.0	16.0	20.0	18.0	13.0	13.0	15.0	12.0	57.0	18.0	22.0	16.0	23.0	17.0	18.0	22.0		
AVG:	8.19	7.62	6.36	6.96	7.96	7.84	7.76	7.40	6.46	5.29	4.92	5.96	6.04	5.92	6.85	6.50	8.27	7.27	7.38	7.27	7.31	8.15	8.31	7.92		

MONTHLY OBSERVATIONS: 611 MONTHLY MEAN: 7.10 MONTHLY MAX: 57.0

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: 37-063-0015 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: SPM
COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	7.0	10.0	6.0	6.0	4.0	6.0	7.0	AX	BA	BA	11.0	11.0 6	6.0 6	2.0 6	4.0 6	4.0 6	12.0 6	7.0 6	4.0 6	4.0	10.0	13.0	11.0	12.0	21	13.0
2	14.0	13.0	9.0	9.0	9.0	10.0	10.0	6.0	6.0	7.0	5.0 6	3.0 6	4.0 6	6.0 6	7.0 6	7.0 6	6.0 6	4.0 6	3.0 6	7.0	6.0	16.0	13.0	13.0	24	16.0
3	16.0	16.0	10.0	10.0	11.0	12.0	11.0	13.0	8.0	9.0	6.0 6	6.0 6	6.0 6	8.0 6	5.0 6	6.0 6	9.0 6	8.0 6	6.0 6	6.0	6.0	10.0	14.0	10.0	24	16.0
4	15.0	14.0	12.0	13.0	12.0	14.0	13.0	12.0	11.0	11.0 6	16.0 6	12.0 6	7.0 6	12.0 6	13.0 6	10.0 6	10.0 6	14.0 6	11.0	6.0	4.0	5.0	6.0	8.0	24	16.0
5	7.0	5.0	4.0	6.0	5.0	5.0	4.0	2.0	5.0	4.0	6.0	7.0 6	6.0 6	1.0	1.0	7.0	5.0	6.0	6.0	4.0	1.0	6.0	4.0	.0	24	7.0
6	6.0	5.0	1.0	1.0	2.0	1.0	1.0	3.0	5.0	11.0	10.0	6.0	10.0	7.0	5.0	6.0	6.0	7.0	6.0	8.0	8.0	7.0	9.0	9.0	24	11.0
7	10.0	6.0	5.0	6.0	7.0	7.0	7.0	5.0	3.0	6.0	3.0	2.0	2.0	11.0	7.0	4.0	4.0	9.0	7.0	8.0	8.0	5.0	3.0	4.0	24	11.0
8	4.0	3.0	4.0	6.0	5.0	2.0	-1.0	1.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	4.0	3.0	4.0	8.0	7.0	7.0	24	8.0
9	8.0	7.0	5.0	4.0	5.0	10.0	6.0	5.0	5.0	4.0	6.0	7.0	4.0	4.0	7.0	6.0	4.0	3.0	9.0	8.0	6.0	9.0	13.0	16.0	24	16.0
10	14.0	10.0	11.0	9.0	14.0	13.0	11.0	13.0	16.0	11.0	12.0	14.0	9.0	10.0	7.0	5.0	4.0	6.0	5.0	9.0	7.0	15.0	16.0	14.0	24	16.0
11	14.0	15.0	12.0	13.0	11.0	8.0	9.0	8.0	13.0	12.0	9.0	6.0	5.0	5.0	8.0	7.0	8.0	7.0	7.0	8.0	6.0	10.0	13.0	11.0	24	15.0
12	10.0	14.0	16.0	17.0	12.0	12.0	10.0	10.0	9.0	8.0	9.0	7.0	5.0	7.0	10.0	6.0	6.0	10.0	9.0	8.0	11.0	9.0	12.0	9.0	24	17.0
13	15.0	15.0	11.0	11.0	14.0	13.0	AX	AX	BA	BA	12.0	14.0	14.0	17.0	12.0	12.0	12.0	14.0	16.0	13.0	11.0	8.0	7.0	7.0	20	17.0
14	12.0	7.0	6.0	7.0	6.0	6.0	10.0	7.0	5.0	6.0	8.0	10.0	10.0	11.0	11.0	13.0	11.0	9.0	11.0	11.0	13.0	8.0	8.0	6.0	24	13.0
15	6.0	5.0	8.0	11.0	12.0	11.0	9.0	8.0	11.0	12.0	12.0	13.0	10.0	11.0	13.0	15.0	12.0	11.0	11.0	11.0	10.0	12.0	10.0	12.0	24	15.0
16	9.0	14.0	11.0	9.0	14.0	13.0	12.0	11.0	15.0	18.0	23.0	16.0	15.0	16.0	16.0	10.0	10.0	9.0	12.0	12.0	7.0	7.0	5.0	3.0	24	23.0
17	4.0	4.0	3.0	5.0	7.0	7.0	7.0	6.0	8.0	13.0	13.0	12.0	7.0	11.0	8.0	9.0	9.0	8.0	9.0	8.0	8.0	7.0	7.0	7.0	24	13.0
18	7.0	6.0	8.0	7.0	7.0	9.0	7.0	10.0	7.0	10.0	13.0	9.0	8.0	13.0	12.0	11.0	10.0	10.0	12.0	11.0	11.0	10.0	9.0	10.0	24	13.0
19	7.0	9.0	6.0	6.0	8.0	6.0	6.0	9.0	11.0	13.0	11.0	10.0	9.0	10.0	10.0	11.0	12.0	9.0	7.0	6.0	7.0	8.0	6.0	2.0	24	13.0
20	4.0	7.0	6.0	5.0	8.0	4.0	6.0	5.0	4.0	6.0	8.0	10.0	13.0	11.0	6.0	7.0	7.0	11.0	10.0	9.0	7.0	6.0	6.0	8.0	24	13.0
21	5.0	4.0	3.0	2.0	4.0	4.0	1.0	5.0	5.0	5.0	5.0	5.0	3.0	2.0	7.0	6.0	6.0	5.0	8.0	7.0	6.0	5.0	4.0	3.0	24	8.0
22	5.0	5.0	3.0	4.0	3.0	3.0	4.0	5.0	6.0	8.0	10.0	13.0	10.0	9.0	9.0	10.0	10.0	9.0	9.0	10.0	7.0	4.0	3.0	5.0	24	13.0
23	6.0	7.0	4.0	5.0	9.0	7.0	7.0	10.0	9.0	8.0	11.0	15.0	15.0	15.0	19.0	16.0	16.0	25.0	18.0	18.0	21.0	15.0	19.0	18.0	24	25.0
24	16.0	12.0	13.0	8.0	10.0	8.0	10.0	9.0	13.0	9.0	7.0	6.0	6.0	7.0	5.0	5.0	7.0	5.0	5.0	3.0	1.0	5.0	4.0	6.0	24	16.0
25	5.0	3.0	6.0	6.0	3.0	2.0	4.0	8.0	7.0	7.0	10.0	7.0	9.0	7.0	7.0	4.0	3.0	9.0	9.0	11.0	8.0	8.0	11.0	10.0	24	11.0
26	7.0	7.0	10.0	10.0	6.0	6.0	7.0	8.0	7.0	6.0	7.0	7.0	6.0	4.0	8.0	7.0	7.0	5.0	4.0	6.0	6.0	7.0	10.0	13.0	24	13.0
27	11.0	11.0	13.0	13.0	9.0	10.0	10.0	9.0	9.0	8.0	5.0	3.0	4.0	3.0	4.0	8.0	6.0	6.0	7.0	8.0	5.0	9.0	8.0	7.0	24	13.0
28	9.0	9.0	8.0	9.0	7.0	6.0	7.0	6.0	AX	AX	BA	BA	.0	5.0	6.0	6.0	7.0	10.0	9.0	7.0	4.0	6.0	11.0	13.0	20	13.0
29	8.0	9.0	7.0	12.0	12.0	11.0	10.0	11.0	9.0	10.0	9.0	10.0	13.0	10.0	10.0	14.0	10.0	10.0	13.0	15.0	11.0	14.0	15.0	11.0	24	15.0
30	15.0	13.0	15.0	14.0	12.0	16.0	14.0	17.0	13.0	9.0	7.0	8.0	10.0	7.0	6.0	5.0	4.0	2.0	6.0	6.0	5.0	6.0	5.0	3.0	24	17.0
31																									0	
NO.:	30	30	30	30	30	30	29	28	27	27	29	29	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	16.0	16.0	16.0	17.0	14.0	16.0	14.0	17.0	16.0	18.0	23.0	16.0	15.0	17.0	19.0	16.0	16.0	25.0	18.0	18.0	21.0	16.0	19.0	18.0		
AVG:	9.20	8.83	7.87	8.13	8.27	8.07	7.55	7.93	8.30	8.67	9.17	8.66	7.60	8.13	8.17	8.00	7.87	8.37	8.43	8.37	7.50	8.60	8.97	8.57		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: 8.30 MONTHLY MAX: 25.0

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: 37-063-0015 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: SPM
COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

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

DAY	HOUR 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	5.0	4.0	5.0	3.0	4.0	4.0	6.0	4.0	5.0	5.0	6.0	5.0	8.0	7.0	7.0	8.0	6.0	12.0	12.0	10.0	6.0	8.0	6.0	24	12.0
2	6.0	4.0	2.0	6.0	4.0	6.0	9.0	8.0	7.0	7.0	10.0	8.0	8.0	6.0	7.0	9.0	8.0	7.0	6.0	14.0	11.0	9.0	12.0	11.0	24	14.0
3	11.0	11.0	8.0	9.0	9.0	11.0	8.0	8.0	12.0	9.0	10.0	9.0	11.0	9.0	13.0	10.0	11.0	11.0	11.0	9.0	12.0	7.0	8.0	8.0	24	13.0
4	6.0	5.0	4.0	13.0	10.0	7.0	9.0	9.0	10.0	12.0	9.0	6.0	8.0	7.0	6.0	8.0	9.0	15.0	11.0	9.0	9.0	44.0	14.0	8.0	24	44.0
5	8.0	7.0	5.0	6.0	6.0	6.0	4.0	4.0	5.0	5.0	8.0	11.0	12.0	11.0	13.0	11.0	7.0	7.0	8.0	10.0	11.0	11.0	6.0	1.0	24	13.0
6	1.0	3.0	4.0	3.0	6.0	5.0	4.0	5.0	3.0	4.0	3.0	9.0	11.0	7.0	6.0	8.0	8.0	7.0	10.0	9.0	11.0	11.0	8.0	7.0	24	11.0
7	6.0	8.0	6.0	6.0	10.0	6.0	8.0	7.0	6.0	6.0	9.0	6.0	6.0	5.0	5.0	4.0	3.0	4.0	3.0	4.0	6.0	8.0	11.0	7.0	24	11.0
8	8.0	9.0	6.0	10.0	8.0	8.0	8.0	11.0	16.0	11.0	10.0	7.0	9.0	6.0	5.0	6.0	8.0	8.0	9.0	8.0	10.0	8.0	6.0	5.0	24	16.0
9	5.0	7.0	7.0	4.0	5.0	7.0	11.0	8.0	10.0	11.0	13.0	9.0	8.0	8.0	8.0	9.0	7.0	9.0	7.0	9.0	8.0	10.0	11.0	11.0	24	13.0
10	11.0	8.0	9.0	13.0	15.0	9.0	8.0	10.0	AX	BA	BA	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	8	15.0
11	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	8.0	11.0	10.0	17.0	11.0	10.0	9.0	13.0	16.0	12.0	13.0	9.0	9.0	13	17.0
12	12.0	12.0	9.0	8.0	11.0	9.0	9.0	11.0	13.0	11.0	13.0	12.0	12.0	9.0	10.0	10.0	12.0	10.0	8.0	10.0	13.0	12.0	13.0	12.0	24	13.0
13	13.0	13.0	10.0	7.0	10.0	11.0	9.0	10.0	9.0	9.0	10.0	8.0	11.0	11.0	12.0	9.0	11.0	11.0	12.0	9.0	9.0	9.0	11.0	12.0	24	13.0
14	12.0	14.0	11.0	8.0	8.0	8.0	8.0	9.0	7.0	12.0	11.0	12.0	9.0	7.0	6.0	5.0	8.0	12.0	10.0	10.0	17.0	18.0	16.0	16.0	24	18.0
15	13.0	16.0	16.0	13.0	10.0	12.0	11.0	10.0	8.0	11.0	9.0	7.0	7.0	14.0	12.0	11.0	12.0	14.0	11.0	9.0	9.0	18.0	16.0	13.0	24	18.0
16	11.0	8.0	8.0	8.0	7.0	9.0	8.0	12.0	9.0	10.0	11.0	13.0	14.0	10.0	9.0	11.0	8.0	10.0	11.0	7.0	11.0	9.0	8.0	7.0	24	14.0
17	7.0	6.0	8.0	7.0	11.0	7.0	7.0	8.0	6.0	6.0	7.0	12.0	10.0	14.0	11.0	14.0	12.0	10.0	9.0	8.0	7.0	8.0	9.0	9.0	24	14.0
18	6.0	6.0	6.0	4.0	5.0	8.0	8.0	9.0	15.0	8.0	9.0	9.0	7.0	10.0	10.0	8.0	11.0	9.0	13.0	15.0	9.0	7.0	5.0	4.0	24	15.0
19	3.0	5.0	5.0	7.0	8.0	6.0	5.0	9.0	6.0	7.0	10.0	8.0	11.0	10.0	11.0	9.0	9.0	9.0	13.0	14.0	11.0	12.0	17.0	15.0	24	17.0
20	16.0	11.0	16.0	11.0	15.0	13.0	13.0	12.0	15.0	18.0	12.0	13.0	18.0	16.0	18.0	14.0	17.0	16.0	14.0	16.0	15.0	16.0	18.0	21.0	24	21.0
21	20.0	15.0	12.0	17.0	13.0	17.0	16.0	17.0	18.0	15.0	16.0	20.0	14.0	19.0	12.0	14.0	14.0	18.0	17.0	17.0	17.0	17.0	17.0	17.0	24	20.0
22	19.0	17.0	18.0	15.0	15.0	15.0	18.0	18.0	20.0	19.0	17.0	17.0	17.0	18.0	16.0	14.0	14.0	14.0	13.0	13.0	18.0	22.0	14.0	13.0	24	22.0
23	15.0	16.0	10.0	14.0	18.0	17.0	18.0	21.0	21.0	15.0	17.0	18.0	17.0	14.0	12.0	14.0	16.0	14.0	11.0	6.0	5.0	4.0	2.0	5.0	24	21.0
24	7.0	5.0	5.0	8.0	8.0	7.0	8.0	8.0	AX	BA	BA	BA	7.0	7.0	6.0	11.0	9.0	11.0	9.0	13.0	10.0	11.0	10.0	14.0	20	14.0
25	11.0	14.0	15.0	12.0	16.0	15.0	14.0	14.0	12.0	15.0	24.0	14.0	11.0	15.0	10.0	9.0	15.0	12.0	15.0	9.0	15.0	10.0	16.0	17.0	24	24.0
26	18.0	11.0	10.0	13.0	11.0	11.0	10.0	7.0	5.0	5.0	5.0	7.0	13.0	7.0	8.0	13.0	13.0	14.0	12.0	14.0	14.0	14.0	20.0	15.0	24	20.0
27	16.0	13.0	12.0	11.0	12.0	15.0	13.0	12.0	13.0	12.0	13.0	9.0	8.0	9.0	12.0	15.0	13.0	24.0	16.0	20.0	16.0	13.0	9.0	10.0	24	24.0
28	9.0	7.0	6.0	11.0	16.0	13.0	13.0	15.0	16.0	18.0	17.0	13.0	15.0	13.0	17.0	13.0	16.0	13.0	18.0	13.0	12.0	10.0	13.0	12.0	24	18.0
29	14.0	13.0	17.0	16.0	15.0	13.0	10.0	7.0	4.0	2.0	1.0	2.0	7.0	7.0	8.0	9.0	7.0	9.0	11.0	8.0	9.0	6.0	4.0	8.0	24	17.0
30	6.0	6.0	10.0	9.0	9.0	10.0	10.0	7.0	4.0	6.0	5.0	1.0	4.0	6.0	4.0	4.0	3.0	5.0	3.0	5.0	5.0	11.0	11.0	14.0	24	14.0
31	8.0	10.0	7.0	6.0	8.0	7.0	12.0	8.0	7.0	4.0	5.0	8.0	7.0	7.0	5.0	3.0	3.0	11.0	7.0	6.0	7.0	11.0	15.0	18.0	24	18.0
NO.:	30	30	30	30	30	30	30	30	28	28	28	29	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	20.0	17.0	18.0	17.0	18.0	17.0	18.0	21.0	21.0	19.0	24.0	20.0	18.0	19.0	18.0	15.0	17.0	24.0	18.0	20.0	18.0	44.0	20.0	21.0		
AVG:	10.07	9.50	8.87	9.33	10.07	9.73	9.77	10.00	10.04	9.75	10.32	9.72	10.27	10.00	9.87	9.77	10.07	10.97	10.77	10.73	10.97	12.17	11.23	10.83		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: 10.20 MONTHLY MAX: 44.0

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

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

REPORT FOR: AUGUST 2017

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

DAY	HOUR 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	13.0	8.0	10.0	9.0	11.0	11.0	8.0	11.0	9.0	8.0	7.0	9.0	10.0	9.0	11.0	9.0	11.0	10.0	12.0	11.0	12.0	14.0	17.0	24	17.0
2	13.0	17.0	15.0	15.0	13.0	10.0	10.0	17.0	13.0	14.0	14.0	12.0	11.0	12.0	12.0	14.0	14.0	11.0	13.0	13.0	17.0	20.0	16.0	17.0	24	20.0
3	13.0	16.0	11.0	18.0	13.0	15.0	18.0	19.0	20.0	19.0	17.0	11.0	14.0	16.0	19.0	21.0	17.0	18.0	13.0	15.0	15.0	15.0	11.0	12.0	24	21.0
4	14.0	9.0	12.0	12.0	10.0	15.0	11.0	12.0	11.0	9.0	12.0	10.0	10.0	12.0	13.0	14.0	10.0	11.0	10.0	12.0	12.0	11.0	9.0	7.0	24	15.0
5	8.0	6.0	5.0	4.0	4.0	3.0	4.0	5.0	4.0	8.0	9.0	6.0	7.0	7.0	4.0	2.0	3.0	4.0	3.0	6.0	9.0	6.0	6.0	7.0	24	9.0
6	7.0	7.0	10.0	8.0	8.0	10.0	8.0	10.0	11.0	8.0	6.0	6.0	7.0	9.0	13.0	10.0	11.0	11.0	11.0	10.0	10.0	10.0	9.0	11.0	24	13.0
7	14.0	11.0	10.0	12.0	11.0	16.0	18.0	10.0	12.0	8.0	12.0	15.0	11.0	11.0	14.0	14.0	18.0	11.0	16.0	13.0	15.0	8.0	9.0	13.0	24	18.0
8	13.0	9.0	8.0	8.0	6.0	7.0	6.0	4.0	2.0	2.0	5.0	6.0	5.0	3.0	4.0	8.0	8.0	10.0	7.0	9.0	7.0	6.0	6.0	6.0	24	13.0
9	8.0	8.0	6.0	7.0	10.0	13.0	10.0	11.0	9.0	11.0	10.0	9.0	7.0	6.0	5.0	AX	BA	BA	BA	10.0	11.0	9.0	11.0	10.0	20	13.0
10	17.0	13.0	10.0	9.0	7.0	8.0	16.0	13.0	11.0	8.0	12.0	7.0	4.0	6.0	8.0	6.0	6.0	6.0	5.0	8.0	8.0	9.0	14.0	11.0	24	17.0
11	13.0	12.0	9.0	4.0	4.0	5.0	4.0	5.0	6.0	9.0	12.0	13.0	15.0	15.0	9.0	7.0	8.0	11.0	8.0	9.0	9.0	6.0	7.0	5.0	24	15.0
12	5.0	6.0	7.0	6.0	6.0	7.0	7.0	6.0	6.0	5.0	6.0	8.0	9.0	6.0	7.0	6.0	5.0	5.0	5.0	6.0	6.0	6.0	8.0	9.0	24	9.0
13	7.0	6.0	6.0	5.0	6.0	5.0	5.0	7.0	8.0	11.0	9.0	12.0	11.0	12.0	12.0	10.0	11.0	9.0	9.0	12.0	8.0	12.0	9.0	10.0	24	12.0
14	13.0	9.0	9.0	11.0	14.0	13.0	15.0	15.0	15.0	13.0	11.0	10.0	13.0	14.0	11.0	14.0	16.0	11.0	11.0	13.0	14.0	10.0	16.0	14.0	24	16.0
15	13.0	10.0	11.0	13.0	9.0	8.0	8.0	8.0	8.0	11.0	10.0	10.0	11.0	11.0	9.0	7.0	9.0	10.0	8.0	5.0	9.0	11.0	12.0	12.0	24	13.0
16	10.0	11.0	10.0	9.0	12.0	10.0	11.0	7.0	6.0	AZ	BA	BA	5.0	7.0	9.0	11.0	12.0	11.0	14.0	14.0	16.0	16.0	14.0	14.0	21	16.0
17	15.0	19.0	17.0	15.0	16.0	19.0	18.0	15.0	16.0	12.0	13.0	12.0	11.0	10.0	11.0	9.0	12.0	13.0	8.0	6.0	9.0	7.0	6.0	6.0	24	19.0
18	5.0	11.0	10.0	8.0	9.0	8.0	9.0	16.0	15.0	13.0	14.0	11.0	8.0	8.0	10.0	9.0	7.0	5.0	10.0	8.0	14.0	11.0	11.0	11.0	24	16.0
19	7.0	12.0	7.0	6.0	7.0	7.0	5.0	7.0	9.0	13.0	11.0	11.0	7.0	8.0	9.0	11.0	8.0	13.0	11.0	11.0	15.0	11.0	13.0	11.0	24	15.0
20	10.0	16.0	13.0	8.0	8.0	11.0	14.0	10.0	8.0	12.0	12.0	12.0	8.0	8.0	14.0	12.0	11.0	10.0	13.0	16.0	13.0	15.0	18.0	15.0	24	18.0
21	17.0	18.0	13.0	19.0	15.0	17.0	16.0	15.0	22.0	20.0	15.0	15.0	13.0	14.0	13.0	12.0	15.0	13.0	13.0	13.0	13.0	15.0	17.0	17.0	24	22.0
22	14.0	14.0	11.0	9.0	13.0	13.0	10.0	AX	BA	BA	BA	9.0	9.0	9.0	13.0	14.0	16.0	12.0	9.0	22.0	15.0	11.0	14.0	10.0	20	22.0
23	8.0	11.0	9.0	7.0	8.0	7.0	9.0	14.0	13.0	13.0	19.0	15.0	11.0	15.0	12.0	9.0	8.0	7.0	7.0	10.0	10.0	11.0	11.0	14.0	24	19.0
24	10.0	8.0	8.0	10.0	10.0	9.0	8.0	8.0	11.0	14.0	10.0	12.0	10.0	10.0	8.0	6.0	8.0	12.0	8.0	10.0	8.0	12.0	11.0	10.0	24	14.0
25	10.0	15.0	15.0	12.0	9.0	14.0	15.0	13.0	13.0	17.0	11.0	13.0	15.0	11.0	7.0	14.0	10.0	11.0	10.0	13.0	12.0	13.0	13.0	12.0	24	17.0
26	14.0	10.0	14.0	13.0	13.0	11.0	13.0	13.0	13.0	7.0	9.0	7.0	7.0	7.0	11.0	10.0	8.0	10.0	9.0	14.0	10.0	11.0	11.0	12.0	24	14.0
27	15.0	11.0	9.0	8.0	9.0	11.0	10.0	10.0	10.0	10.0	7.0	7.0	6.0	6.0	7.0	8.0	7.0	9.0	9.0	10.0	10.0	11.0	11.0	11.0	24	15.0
28	9.0	8.0	7.0	8.0	7.0	5.0	10.0	12.0	11.0	9.0	8.0	9.0	9.0	9.0	11.0	14.0	10.0	10.0	14.0	10.0	7.0	5.0	6.0	7.0	24	14.0
29	5.0	6.0	6.0	3.0	-1.0	.0	3.0	6.0	3.0	1.0	1.0	4.0	7.0	6.0	5.0	5.0	5.0	4.0	6.0	6.0	3.0	2.0	2.0	2.0	24	7.0
30	4.0	4.0	5.0	5.0	5.0	7.0	6.0	3.0	4.0	6.0	5.0	4.0	5.0	4.0	7.0	7.0	6.0	8.0	7.0	9.0	10.0	7.0	9.0	10.0	24	10.0
31	11.0	12.0	9.0	12.0	9.0	7.0	11.0	13.0	10.0	8.0	7.0	6.0	6.0	8.0	6.0	5.0	5.0	8.0	7.0	4.0	6.0	9.0	8.0	6.0	24	13.0
NO.:	31	31	31	31	31	31	31	30	30	29	29	30	31	31	31	30	30	30	30	31	31	31	31	31		
MAX:	17.0	19.0	17.0	19.0	16.0	19.0	18.0	19.0	22.0	20.0	19.0	15.0	15.0	16.0	19.0	21.0	18.0	18.0	16.0	22.0	17.0	20.0	18.0	17.0		
AVG:	10.71	10.90	9.68	9.48	9.00	9.74	10.29	10.40	10.37	10.34	10.17	9.63	9.06	9.35	9.74	10.00	9.77	9.83	9.47	10.61	10.71	10.26	10.71	10.61		

MONTHLY OBSERVATIONS: 733 MONTHLY MEAN: 10.04 MONTHLY MAX: 22.0

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

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

REPORT FOR: SEPTEMBER 2017

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

DAY	HOUR 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	7.0	6.0	6.0	5.0	7.0	5.0	6.0	5.0	4.0	4.0	4.0	5.0	6.0	11.0	16.0	18.0	15.0	7.0	6.0	6.0	5.0	3.0	6.0	24	18.0
2	7.0	7.0	6.0	8.0	6.0	2.0	8.0	5.0	3.0	2.0	2.0	6.0	6.0	5.0	8.0	9.0	10.0	9.0	10.0	12.0	9.0	8.0	6.0	9.0	24	12.0
3	9.0	11.0	10.0	10.0	10.0	6.0	3.0	5.0	5.0	5.0	5.0	1.0	4.0	4.0	.0	1.0	3.0	3.0	2.0	5.0	7.0	11.0	8.0	10.0	24	11.0
4	11.0	8.0	11.0	10.0	10.0	14.0	9.0	10.0	7.0	6.0	9.0	9.0	18.0	14.0	13.0	12.0	14.0	15.0	14.0	12.0	16.0	18.0	16.0	11.0	24	18.0
5	14.0	14.0	14.0	12.0	15.0	13.0	15.0	15.0	12.0	15.0	11.0	12.0	14.0	15.0	AX	BA	BA	BA	10.0	11.0	10.0	18.0	16.0	14.0	20	18.0
6	11.0	8.0	10.0	13.0	10.0	9.0	11.0	12.0	11.0	8.0	11.0	12.0	10.0	9.0	10.0	12.0	8.0	5.0	5.0	6.0	5.0	5.0	6.0	6.0	24	13.0
7	5.0	8.0	9.0	7.0	8.0	10.0	8.0	10.0	10.0	7.0	7.0	8.0	6.0	9.0	5.0	4.0	5.0	3.0	6.0	7.0	8.0	6.0	8.0	11.0	24	11.0
8	10.0	10.0	8.0	8.0	6.0	10.0	8.0	10.0	6.0	11.0	6.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	4.0	7.0	10.0	16.0	18.0	21.0	24	21.0
9	8.0	10.0	8.0	10.0	7.0	6.0	8.0	9.0	6.0	6.0	3.0	4.0	6.0	4.0	10.0	8.0	6.0	7.0	5.0	3.0	7.0	9.0	10.0	11.0	24	11.0
10	8.0	7.0	7.0	5.0	8.0	8.0	7.0	5.0	6.0	6.0	4.0	3.0	5.0	4.0	3.0	2.0	1.0	6.0	5.0	4.0	6.0	5.0	6.0	5.0	24	8.0
11	4.0	4.0	6.0	6.0	5.0	2.0	5.0	7.0	5.0	3.0	3.0	5.0	6.0	6.0	5.0	5.0	5.0	7.0	6.0	5.0	5.0	5.0	4.0	6.0	24	7.0
12	8.0	8.0	6.0	7.0	4.0	2.0	3.0	5.0	5.0	7.0	6.0	5.0	4.0	8.0	7.0	7.0	5.0	6.0	9.0	8.0	6.0	2.0	4.0	3.0	24	9.0
13	5.0	5.0	3.0	3.0	6.0	7.0	5.0	7.0	8.0	9.0	7.0	6.0	4.0	5.0	4.0	9.0	8.0	5.0	8.0	11.0	9.0	12.0	12.0	13.0	24	13.0
14	12.0	11.0	11.0	9.0	9.0	10.0	10.0	12.0	10.0	15.0	13.0	12.0	12.0	11.0	14.0	13.0	10.0	13.0	13.0	15.0	16.0	16.0	15.0	18.0	24	18.0
15	17.0	19.0	16.0	18.0	16.0	16.0	16.0	12.0	9.0	9.0	8.0	9.0	6.0	5.0	5.0	6.0	5.0	5.0	6.0	8.0	16.0	12.0	11.0	8.0	24	19.0
16	5.0	7.0	7.0	9.0	9.0	13.0	8.0	7.0	8.0	12.0	10.0	8.0	6.0	5.0	6.0	9.0	6.0	6.0	6.0	8.0	13.0	14.0	11.0	14.0	24	14.0
17	12.0	10.0	8.0	6.0	8.0	12.0	10.0	14.0	10.0	6.0	10.0	8.0	5.0	6.0	6.0	6.0	6.0	6.0	7.0	11.0	8.0	11.0	13.0	9.0	24	14.0
18	9.0	8.0	10.0	11.0	8.0	7.0	10.0	10.0	8.0	6.0	6.0	6.0	6.0	7.0	9.0	7.0	6.0	6.0	5.0	11.0	11.0	10.0	10.0	9.0	24	11.0
19	7.0	11.0	9.0	7.0	6.0	7.0	6.0	AX	BA	BA	BA	2.0	5.0	10.0	5.0	1.0	3.0	5.0	10.0	6.0	2.0	2.0	11.0	7.0	20	11.0
20	5.0	7.0	5.0	5.0	6.0	6.0	5.0	9.0	8.0	8.0	9.0	6.0	6.0	6.0	3.0	3.0	2.0	3.0	4.0	4.0	5.0	5.0	6.0	6.0	24	9.0
21	13.0	7.0	6.0	8.0	8.0	8.0	7.0	6.0	5.0	6.0	4.0	1.0	1.0	3.0	3.0	6.0	7.0	6.0	4.0	5.0	5.0	4.0	5.0	4.0	24	13.0
22	4.0	11.0	6.0	5.0	6.0	4.0	3.0	6.0	8.0	9.0	7.0	9.0	8.0	8.0	6.0	6.0	5.0	6.0	9.0	8.0	17.0	10.0	11.0	9.0	24	17.0
23	10.0	7.0	6.0	9.0	8.0	7.0	9.0	7.0	6.0	8.0	7.0	6.0	4.0	5.0	5.0	3.0	5.0	4.0	2.0	1.0	10.0	16.0	7.0	10.0	24	16.0
24	13.0	9.0	9.0	11.0	8.0	8.0	5.0	7.0	6.0	9.0	6.0	4.0	2.0	1.0	1.0	-2.0	-3.0	-1.0	1.0	2.0	5.0	12.0	9.0	9.0	24	13.0
25	6.0	5.0	4.0	7.0	8.0	6.0	7.0	8.0	5.0	3.0	2.0	3.0	1.0	-1.0	-3.0	.0	4.0	3.0	2.0	1.0	2.0	.0	-1.0	1.0	24	8.0
26	1.0	3.0	3.0	1.0	.0	.0	2.0	2.0	.0	1.0	1.0	2.0	.0	-1.0	.0	-2.0	1.0	.0	.0	-1.0	-2.0	-4.0	-4.0	-2.0	24	3.0
27	-3.0	-3.0	-2.0	.0	-1.0	-2.0	3.0	.0	-4.0	-2.0	2.0	2.0	3.0	1.0	-3.0	1.0	3.0	3.0	1.0	4.0	5.0	10.0	7.0	3.0	24	10.0
28	5.0	5.0	3.0	8.0	8.0	5.0	4.0	9.0	8.0	5.0	7.0	10.0	8.0	6.0	5.0	5.0	7.0	8.0	7.0	13.0	11.0	10.0	9.0	7.0	24	13.0
29	9.0	8.0	5.0	4.0	6.0	4.0	5.0	6.0	6.0	3.0	2.0	2.0	1.0	3.0	3.0	2.0	3.0	5.0	6.0	4.0	5.0	7.0	5.0	8.0	24	9.0
30	7.0	9.0	9.0	6.0	5.0	6.0	5.0	6.0	6.0	2.0	-1.0	2.0	3.0	3.0	2.0	2.0	4.0	6.0	5.0	3.0	5.0	4.0	3.0	5.0	24	9.0
31																									0	
NO.:	30	30	30	30	30	30	30	29	29	29	29	30	30	30	29	29	29	29	30	30	30	30	30	30		
MAX:	17.0	19.0	16.0	18.0	16.0	16.0	16.0	15.0	12.0	15.0	13.0	12.0	18.0	15.0	14.0	16.0	18.0	15.0	14.0	15.0	17.0	18.0	18.0	21.0		
AVG:	7.87	8.03	7.30	7.63	7.27	7.10	7.00	7.83	6.48	6.52	5.90	5.63	5.53	5.63	4.97	5.28	5.45	5.76	5.97	6.67	7.93	8.63	8.17	8.37		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: 6.80 MONTHLY MAX: 21.0

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: 37-063-0015 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: SPM
COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

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

DAY	HOUR 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	3.0	1.0	3.0	4.0	3.0	5.0	6.0	3.0	5.0	6.0	2.0	1.0	2.0	1.0	1.0	1.0	.0	3.0	5.0	5.0	5.0	8.0	6.0	6.0	24	8.0
2	8.0	8.0	10.0	6.0	5.0	10.0	7.0	5.0	6.0	4.0	2.0	1.0	1.0	2.0	2.0	3.0	5.0	4.0	4.0	4.0	6.0	6.0	11.0	9.0	24	11.0
3	8.0	8.0	12.0	8.0	7.0	9.0	10.0	AX	BA	BA	BA	BA	BA	6.0	4.0	.0	-2.0	-2.0	.0	5.0	7.0	14.0	10.0	11.0	18	14.0
4	11.0	6.0	6.0	6.0	3.0	3.0	5.0	3.0	4.0	9.0	6.0	5.0	5.0	2.0	-1.0	.0	1.0	4.0	4.0	8.0	10.0	13.0	11.0	8.0	24	13.0
5	8.0	10.0	9.0	6.0	8.0	10.0	12.0	8.0	12.0	11.0	6.0	.0	-2.0	1.0	1.0	-1.0	2.0	2.0	4.0	4.0	6.0	4.0	4.0	6.0	24	12.0
6	5.0	5.0	3.0	6.0	5.0	3.0	2.0	6.0	6.0	6.0	4.0	1.0	1.0	3.0	3.0	1.0	5.0	3.0	-1.0	6.0	5.0	3.0	12.0	8.0	24	12.0
7	6.0	6.0	6.0	5.0	9.0	6.0	4.0	7.0	5.0	4.0	5.0	3.0	-2.0	-4.0	-2.0	-3.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	24	9.0
8	-3.0	.0	-2.0	-1.0	-1.0	-3.0	.0	1.0	.0	6.0	1.0	-3.0	1.0	-1.0	-4.0	-4.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	1.0	1.0	24	6.0
9	-2.0	-3.0	-1.0	-2.0	-2.0	-3.0	-4.0	-5.0	-5.0	-3.0	-4.0	-5.0	.0	4.0	2.0	1.0	3.0	3.0	4.0	3.0	.0	2.0	1.0	-1.0	24	4.0
10	1.0	.0	2.0	4.0	1.0	1.0	5.0	6.0	8.0	9.0	11.0	8.0	6.0	3.0	4.0	1.0	-4.0	-5.0	-3.0	-1.0	-1.0	1.0	1.0	3.0	24	11.0
11	4.0	1.0	-1.0	1.0	5.0	-1.0	1.0	5.0	3.0	1.0	2.0	1.0	-1.0	2.0	3.0	4.0	1.0	2.0	2.0	2.0	1.0	-3.0	1.0	2.0	24	5.0
12	.0	6.0	5.0	-1.0	-2.0	.0	9.0	9.0	6.0	5.0	8.0	5.0	.0	-1.0	-2.0	-1.0	-1.0	-4.0	-3.0	-4.0	-3.0	-5.0	-5.0	-4.0	24	9.0
13	-3.0	.0	-2.0	-4.0	-4.0	.0	1.0	-1.0	-1.0	1.0	3.0	AX	BA	BA	6.0	9.0	11.0	9.0	7.0	9.0	8.0	5.0	6.0	6.0	21	11.0
14	10.0	8.0	4.0	7.0	5.0	5.0	4.0	5.0	6.0	6.0	4.0	8.0	5.0	7.0	7.0	6.0	7.0	7.0	7.0	12.0	19.0	12.0	13.0	16.0	24	19.0
15	12.0	12.0	9.0	11.0	9.0	10.0	14.0	16.0	9.0	9.0	10.0	13.0	16.0	10.0	11.0	9.0	10.0	9.0	7.0	11.0	11.0	8.0	7.0	14.0	24	16.0
16	14.0	10.0	11.0	11.0	8.0	11.0	9.0	9.0	5.0	5.0	4.0	2.0	5.0	5.0	3.0	7.0	5.0	2.0	5.0	4.0	4.0	5.0	6.0	7.0	24	14.0
17	7.0	5.0	8.0	5.0	8.0	5.0	4.0	4.0	7.0	6.0	3.0	4.0	4.0	3.0	1.0	1.0	3.0	3.0	6.0	8.0	11.0	11.0	7.0	10.0	24	11.0
18	8.0	7.0	8.0	10.0	6.0	6.0	6.0	7.0	6.0	6.0	4.0	5.0	11.0	8.0	5.0	5.0	7.0	4.0	4.0	9.0	14.0	9.0	7.0	10.0	24	14.0
19	9.0	7.0	7.0	8.0	5.0	4.0	7.0	8.0	8.0	9.0	5.0	6.0	5.0	5.0	6.0	4.0	3.0	7.0	7.0	13.0	12.0	17.0	10.0	8.0	24	17.0
20	12.0	11.0	11.0	8.0	12.0	9.0	12.0	15.0	10.0	8.0	7.0	5.0	9.0	7.0	5.0	5.0	4.0	6.0	9.0	16.0	16.0	17.0	12.0	11.0	24	17.0
21	10.0	15.0	11.0	9.0	12.0	14.0	12.0	14.0	15.0	16.0	14.0	9.0	7.0	7.0	6.0	8.0	13.0	12.0	11.0	19.0	25.0	22.0	24.0	36.0	24	36.0
22	30.0	20.0	23.0	23.0	22.0	18.0	20.0	16.0	20.0	17.0	13.0	11.0	10.0	7.0	5.0	5.0	8.0	6.0	6.0	9.0	16.0	13.0	11.0	11.0	24	30.0
23	13.0	11.0	10.0	12.0	9.0	11.0	9.0	6.0	7.0	8.0	7.0	10.0	10.0	7.0	8.0	7.0	5.0	5.0	9.0	6.0	3.0	7.0	6.0	3.0	24	13.0
24	2.0	1.0	6.0	7.0	6.0	7.0	9.0	8.0	10.0	8.0	12.0	9.0	7.0	8.0	13.0	8.0	8.0	7.0	7.0	7.0	7.0	11.0	11.0	8.0	24	13.0
25	6.0	8.0	9.0	8.0	7.0	9.0	8.0	7.0	7.0	5.0	5.0	4.0	5.0	4.0	3.0	2.0	1.0	3.0	5.0	8.0	9.0	7.0	5.0	5.0	24	9.0
26	5.0	5.0	4.0	9.0	9.0	7.0	9.0	AX	BA	BA	BA	3.0	2.0	4.0	3.0	2.0	1.0	3.0	6.0	11.0	10.0	11.0	13.0	12.0	20	13.0
27	18.0	12.0	16.0	15.0	13.0	14.0	9.0	9.0	17.0	11.0	11.0	9.0	9.0	9.0	8.0	12.0	12.0	15.0	11.0	13.0	13.0	12.0	10.0	11.0	24	18.0
28	10.0	10.0	12.0	12.0	13.0	11.0	9.0	10.0	14.0	11.0	9.0	8.0	6.0	5.0	4.0	6.0	7.0	7.0	11.0	11.0	12.0	11.0	12.0	10.0	24	14.0
29	8.0	5.0	5.0	6.0	7.0	5.0	7.0	8.0	6.0	7.0	6.0	8.0	8.0	8.0	9.0	6.0	3.0	4.0	4.0	4.0	6.0	7.0	5.0	3.0	24	9.0
30	4.0	5.0	4.0	5.0	3.0	5.0	6.0	7.0	7.0	5.0	5.0	6.0	4.0	6.0	5.0	3.0	6.0	6.0	9.0	9.0	8.0	6.0	10.0	13.0	24	13.0
31	9.0	9.0	9.0	9.0	8.0	13.0	8.0	18.0	15.0	16.0	9.0	8.0	5.0	5.0	9.0	7.0	7.0	10.0	12.0	10.0	17.0	27.0	24.0	18.0	24	27.0
NO.:	31	31	31	31	31	31	31	29	29	29	29	29	29	30	31	31	31	31	31	31	31	31	31	31		
MAX:	30.0	20.0	23.0	23.0	22.0	18.0	20.0	18.0	20.0	17.0	14.0	13.0	16.0	10.0	13.0	12.0	13.0	15.0	12.0	19.0	25.0	27.0	24.0	36.0		
AVG:	7.52	6.74	7.00	6.87	6.42	6.58	7.10	7.38	7.52	7.31	6.00	5.00	4.79	4.43	4.13	3.68	3.90	4.03	4.81	6.81	7.97	8.10	7.97	8.26		

MONTHLY OBSERVATIONS: 731 MONTHLY MEAN: 6.26 MONTHLY MAX: 36.0

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: 37-063-0015 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: SPM
COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	18.0	16.0	16.0	14.0	16.0	17.0	11.0	12.0	13.0	21.0	19.0	15.0	13.0	13.0	11.0	13.0	16.0	13.0	18.0	14.0	18.0	19.0	17.0	18.0	24	21.0
2	19.0	20.0	19.0	17.0	19.0	14.0	16.0	17.0	16.0	18.0	17.0	13.0	9.0	6.0	7.0	8.0	7.0	6.0	9.0	10.0	8.0	10.0	12.0	9.0	24	20.0
3	9.0	7.0	8.0	8.0	7.0	11.0	9.0	13.0	17.0	19.0	11.0	11.0	12.0	10.0	10.0	9.0	10.0	10.0	16.0	17.0	17.0	21.0	28.0	20.0	24	28.0
4	20.0	18.0	15.0	10.0	9.0	11.0	11.0	12.0	12.0	13.0	8.0	6.0	8.0	11.0	10.0	9.0	9.0	11.0	12.0	10.0	13.0	11.0	12.0	10.0	24	20.0
5	15.0	14.0	11.0	12.0	12.0	13.0	15.0	11.0	9.0	10.0	12.0	14.0	8.0	6.0	6.0	6.0	8.0	11.0	9.0	23.0	12.0	11.0	13.0	14.0	24	23.0
6	15.0	14.0	18.0	12.0	10.0	9.0	9.0	9.0	9.0	13.0	15.0	15.0	11.0	12.0	AX	BA	BA	12.0	16.0	9.0	9.0	16.0	11.0	13.0	21	18.0
7	12.0	16.0	16.0	10.0	11.0	11.0	10.0	10.0	10.0	11.0	16.0	13.0	10.0	6.0	4.0	6.0	3.0	3.0	3.0	3.0	5.0	4.0	2.0	.0	24	16.0
8	1.0	1.0	.0	1.0	2.0	4.0	2.0	1.0	1.0	4.0	3.0	1.0	1.0	5.0	3.0	5.0	5.0	3.0	2.0	1.0	2.0	3.0	2.0	3.0	24	5.0
9	5.0	3.0	1.0	1.0	2.0	3.0	3.0	4.0	3.0	3.0	1.0	-1.0	.0	1.0	2.0	3.0	2.0	3.0	3.0	2.0	4.0	3.0	.0	-1.0	24	5.0
10	3.0	5.0	3.0	6.0	5.0	4.0	2.0	4.0	5.0	4.0	5.0	9.0	9.0	10.0	11.0	11.0	8.0	9.0	12.0	12.0	10.0	10.0	7.0	7.0	24	12.0
11	6.0	5.0	6.0	9.0	6.0	5.0	6.0	5.0	6.0	8.0	7.0	5.0	3.0	4.0	8.0	10.0	6.0	5.0	9.0	10.0	15.8	13.0	14.0	13.0	24	15.8
12	25.0	22.0	18.0	20.0	22.0	16.0	15.0	15.0	14.0	12.0	14.0	11.0	11.0	9.0	12.0	9.0	13.0	14.0	11.0	14.0	16.0	20.0	20.0	20.0	24	25.0
13	17.0	15.0	10.0	15.0	10.0	7.0	11.0	8.0	7.0	10.0	10.0	6.0	5.0	6.0	6.0	6.0	4.0	4.0	12.0	12.0	12.0	10.0	9.0	11.0	24	17.0
14	14.0	13.0	15.0	16.0	12.0	18.0	18.0	17.0	16.0	14.0	14.0	AZ	BA	BA	10.0	8.0	9.0	10.0	7.0	9.0	6.0	10.0	9.0	10.0	21	18.0
15	8.0	8.0	6.0	8.0	11.0	10.0	13.0	13.0	16.0	12.0	11.0	8.0	6.0	9.0	7.0	7.0	7.0	9.0	9.0	14.0	11.0	12.0	13.0	16.0	24	16.0
16	13.0	12.0	10.0	14.0	16.0	17.0	14.0	13.0	15.0	16.0	8.0	4.0	2.0	5.0	6.0	4.0	3.0	5.0	11.0	10.0	8.0	9.0	12.0	12.0	24	17.0
17	12.0	10.0	9.0	11.0	8.0	8.0	6.0	9.0	8.0	8.0	5.0	4.0	6.0	6.0	6.0	5.0	3.0	5.0	9.0	10.0	13.0	14.0	19.0	16.0	24	19.0
18	13.0	11.0	16.0	13.0	20.0	23.0	17.0	11.0	16.0	10.0	6.0	7.0	8.0	10.0	11.0	10.0	9.0	7.0	13.0	9.0	6.0	7.0	8.0	8.0	24	23.0
19	8.0	8.0	8.0	10.0	9.0	7.0	6.0	3.0	3.0	2.0	2.0	3.0	3.0	2.0	1.0	2.0	3.0	1.0	5.0	5.0	4.0	6.0	7.0	9.0	24	10.0
20	6.0	10.0	9.0	8.0	7.0	7.0	8.0	8.0	11.0	7.0	6.0	4.0	5.0	6.0	4.0	4.0	4.0	4.0	8.0	11.0	13.0	11.0	15.0	20.0	24	20.0
21	15.0	17.0	15.0	13.0	14.0	15.0	16.0	13.0	14.0	13.0	14.0	9.0	9.0	7.0	6.0	7.0	7.0	7.0	9.0	10.0	7.0	12.0	15.0	12.0	24	17.0
22	15.0	16.0	15.0	16.0	15.0	12.0	12.0	12.0	16.0	10.0	8.0	6.0	6.0	9.0	9.0	7.0	6.0	6.0	6.0	6.0	11.0	6.0	5.0	5.0	24	16.0
23	7.0	9.0	6.0	9.0	8.0	6.0	5.0	7.0	7.0	6.0	7.0	6.0	5.0	4.0	5.0	5.0	7.0	10.0	13.0	13.0	16.0	17.0	20.0	22.0	24	22.0
24	22.0	22.0	19.0	20.0	14.0	20.0	18.0	19.0	19.0	15.0	16.0	9.0	7.0	6.0	5.0	4.0	7.0	8.0	13.0	14.0	14.0	24.0	36.0	30.0	24	36.0
25	24.0	18.0	20.0	15.0	24.0	19.0	20.0	15.0	14.0	17.0	11.0	10.0	14.0	10.0	7.0	10.0	8.0	9.0	11.0	14.0	12.0	14.0	16.0	20.0	24	24.0
26	20.0	20.0	17.0	17.0	7.0	6.0	11.0	11.0	10.0	6.0	3.0	4.0	2.0	1.0	3.0	4.0	3.0	5.0	9.0	14.0	9.0	8.0	18.0	21.0	24	21.0
27	18.0	16.0	17.0	13.0	13.0	11.0	11.0	11.0	10.0	11.0	6.0	2.0	2.0	1.0	-1.0	2.0	2.0	4.0	7.0	8.0	11.0	10.0	15.0	15.0	24	18.0
28	20.0	20.0	10.0	8.0	8.0	8.0	7.0	12.0	12.0	11.0	13.0	11.0	8.0	6.0	9.0	8.0	6.0	8.0	16.0	14.0	8.0	13.0	15.0	20.0	24	20.0
29	16.0	17.0	18.0	17.0	17.0	16.0	23.0	22.0	16.0	21.0	12.0	8.0	7.0	AX	BA	BA	8.0	9.0	15.0	14.0	11.0	18.0	24.0	19.0	21	24.0
30	19.0	19.0	26.0	20.0	14.0	18.0	12.0	16.0	17.0	23.0	15.0	19.0	12.0	16.0	11.0	12.0	12.0	19.0	17.0	23.0	17.0	17.0	17.0	25.0	24	26.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	29	29	28	28	28	29	30	30	30	30	30	30	30		
MAX:	25.0	22.0	26.0	20.0	24.0	23.0	23.0	22.0	19.0	23.0	19.0	19.0	14.0	16.0	12.0	13.0	16.0	19.0	18.0	23.0	18.0	24.0	36.0	30.0		
AVG:	13.83	13.40	12.57	12.10	11.60	11.53	11.23	11.10	11.40	11.60	9.83	8.00	6.97	7.04	6.75	6.93	6.72	7.67	10.33	11.17	10.63	11.97	13.70	13.90		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: 10.54 MONTHLY MAX: 36.0

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: 37-063-0015 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: SPM
COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	22.0	21.0	19.0	18.0	19.0	23.0	21.0	23.0	16.0	17.0	13.0	12.0	7.0	5.0	10.0	7.0	15.0	10.0	11.0	18.0	16.0	21.0	16.0	12.0	24	23.0
2	14.0	16.0	16.0	15.0	12.0	14.0	14.0	17.0	15.0	13.0	11.0	20.0	19.0	17.0	17.0	16.0	15.0	10.0	13.0	16.0	19.0	19.0	15.0	18.0	24	20.0
3	19.0	19.0	14.0	18.0	19.0	18.0	16.0	14.0	21.0	19.0	21.0	19.0	19.0	17.0	18.0	11.0	13.0	12.0	13.0	16.0	24.0	20.0	28.0	20.0	24	28.0
4	17.0	20.0	21.0	22.0	19.0	18.0	22.0	20.0	16.0	18.0	16.0	17.0	17.0	12.0	11.0	9.0	8.0	9.0	16.0	11.0	9.0	14.0	21.0	11.0	24	22.0
5	20.0	16.0	17.0	14.0	15.0	15.0	15.0	11.0	14.0	19.0	18.0	16.0	18.0	12.0	10.0	8.0	8.0	12.0	17.0	15.0	12.0	12.0	11.0	8.0	24	20.0
6	6.0	2.0	.0	1.0	4.0	3.0	3.0	6.0	5.0	2.0	3.0	4.0	5.0	2.0	.0	2.0	6.0	4.0	6.0	5.0	4.0	6.0	7.0	9.0	24	9.0
7	7.0	7.0	11.0	10.0	5.0	3.0	3.0	2.0	2.0	9.0	7.0	9.0	6.0	3.0	3.0	AX	BA	BA	10.0	9.0	7.0	9.0	11.0	13.0	21	13.0
8	13.0	12.0	13.0	14.0	19.0	17.0	12.0	15.0	11.0	13.0	12.0	8.0	7.0	11.0	8.0	10.0	13.0	11.0	9.0	6.0	5.0	6.0	8.0	13.0	24	19.0
9	7.0	4.0	4.0	6.0	6.0	5.0	4.0	4.0	5.0	5.0	3.0	3.0	3.0	4.0	6.0	7.0	6.0	7.0	8.0	10.0	11.0	10.0	13.0	15.0	24	15.0
10	14.0	15.0	10.0	9.0	11.0	9.0	7.0	12.0	11.0	7.0	7.0	6.0	10.0	10.0	9.0	7.0	11.0	9.0	10.0	12.0	16.0	16.0	20.0	16.0	24	20.0
11	15.0	17.0	17.0	19.0	12.0	14.0	17.0	16.0	12.0	17.0	34.0	10.0	7.0	6.0	6.0	7.0	6.0	9.0	9.0	12.0	10.0	11.0	13.0	17.0	24	34.0
12	15.0	9.0	12.0	13.0	17.0	13.0	15.0	17.0	17.0	8.0	10.0	10.0	10.0	6.0	6.0	4.0	7.0	6.0	8.0	6.0	6.0	7.0	7.0	7.0	24	17.0
13	6.0	7.0	6.0	7.0	6.0	4.0	6.0	8.0	7.0	8.0	6.0	4.0	4.0	2.0	3.0	6.0	6.0	4.0	3.0	6.0	6.0	5.0	8.0	7.0	24	8.0
14	8.0	10.0	14.0	11.0	15.0	13.0	14.0	11.0	11.0	14.0	11.0	9.0	8.0	6.0	6.0	7.0	6.0	8.0	9.0	14.0	10.0	10.0	9.0	10.0	24	15.0
15	11.0	11.0	13.0	8.0	12.0	14.0	10.0	13.0	11.0	10.0	10.0	11.0	12.0	12.0	12.0	18.0	14.0	9.0	20.0	17.0	19.0	16.0	22.0	14.0	24	22.0
16	14.0	14.0	15.0	13.0	11.0	9.0	15.0	13.0	16.0	12.0	16.0	12.0	9.0	7.0	8.0	9.0	9.0	11.0	10.0	13.0	15.0	17.0	21.0	17.0	24	21.0
17	18.0	22.0	20.0	16.0	19.0	20.0	21.0	20.0	21.0	18.0	18.0	24.0	24.0	19.0	16.0	17.0	16.0	18.0	14.0	21.0	17.0	19.0	20.0	22.0	24	24.0
18	18.0	20.0	16.0	18.0	16.0	22.0	19.0	16.0	19.0	22.0	22.0	17.0	16.0	17.0	16.0	16.0	16.0	14.0	19.0	22.0	19.0	21.0	24.0	21.0	24	24.0
19	24.0	21.0	20.0	20.0	22.0	22.0	24.0	28.0	21.0	AX	BA	BA	13.0	9.0	7.0	6.0	6.0	7.0	15.0	7.0	14.0	10.0	13.0	10.0	21	28.0
20	13.0	9.0	10.0	9.0	7.0	14.0	11.0	17.0	10.0	7.0	9.0	9.0	7.0	7.0	7.0	6.0	5.0	8.0	9.0	7.0	10.0	9.0	8.0	16.0	24	17.0
21	16.0	9.0	6.0	6.0	10.0	13.0	13.0	15.0	16.0	11.0	12.0	11.0	11.0	7.0	9.0	11.0	12.0	10.0	13.0	9.0	14.0	14.0	15.0	17.0	24	17.0
22	14.0	14.0	16.0	16.0	15.0	16.0	16.0	16.0	12.0	14.0	17.0	6.0	12.0	8.0	6.0	4.0	6.0	11.0	11.0	11.0	14.0	13.0	10.0	15.0	24	17.0
23	12.0	14.0	13.0	16.0	15.0	13.0	11.0	14.0	11.0	12.0	12.0	10.0	7.0	7.0	7.0	10.0	8.0	8.0	9.0	6.0	8.0	9.0	10.0	7.0	24	16.0
24	2.0	2.0	2.0	3.0	2.0	1.0	3.0	3.0	3.0	4.0	6.0	5.0	4.0	5.0	4.0	4.0	4.0	6.0	7.0	5.0	10.0	9.0	9.0	12.0	24	12.0
25	15.0	13.0	11.0	13.0	8.0	6.0	5.0	9.0	6.0	4.0	6.0	8.0	8.0	6.0	6.0	6.0	4.0	3.0	5.0	5.0	5.0	6.0	6.0	6.0	24	15.0
26	6.0	4.0	2.0	4.0	5.0	4.0	6.0	4.0	7.0	8.0	5.0	3.0	4.0	6.0	8.0	4.0	2.0	4.0	7.0	8.0	10.0	15.0	17.0	18.0	24	18.0
27	20.0	17.0	18.0	18.0	10.0	12.0	10.0	9.0	10.0	6.0	6.0	6.0	4.0	5.0	6.0	6.0	6.0	10.0	10.0	7.0	4.0	7.0	9.0	10.0	24	20.0
28	11.0	11.0	11.0	14.0	14.0	13.0	11.0	9.0 6	15.0 6	8.0 6	7.0	8.0	12.0 6	7.0	4.0	6.0	6.0	9.0	8.0	9.0	10.0	7.0	10.0	16.0	24	16.0
29	12.0	15.0 6	18.0 6	19.0 6	20.0 6	11.0 6	16.0 6	14.0 6	12.0 6	14.0	8.0	9.0	10.0	9.0	10.0	12.0	15.0	10.0	15.0	15.0	16.0	17.0	23.0	26.0	24	26.0
30	24.0	24.0	27.0	18.0	22.0	21.0	21.0	22.0	25.0	20.0	22.0	13.0	17.0	16.0	19.0	16.0	11.0	16.0	16.0	18.0	9.0	11.0	10.0	14.0	24	27.0
31	11.0	9.0	8.0	8.0	10.0	8.0	7.0	7.0	8.0 6	7.0	11.0	9.0	8.0	7.0	6.0	8.0	6.0	7.0	5.0	6.0	9.0	6.0	7.0	9.0	24	11.0
NO.:	31	31	31	31	31	31	31	31	31	30	30	30	31	31	31	30	30	30	31	31	31	31	31	31		
MAX:	24.0	24.0	27.0	22.0	22.0	23.0	24.0	28.0	25.0	22.0	34.0	24.0	24.0	19.0	19.0	18.0	16.0	18.0	20.0	22.0	24.0	21.0	28.0	26.0		
AVG:	13.68	13.03	12.90	12.77	12.81	12.52	12.52	13.06	12.45	11.53	11.97	10.27	10.26	8.61	8.52	8.67	8.87	9.07	10.81	11.03	11.55	12.00	13.58	13.74		

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 11.52 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.

(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: (145) R & P Model 2025 PM-2.5 Sequential
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2017

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	6.1		11.8	2.1	5.8							
2			3.6									
3											11.3	16.1
4									10.7	6.9		
5								5.1				
6		10.0				5.4	AN					
7	9.4			2.7	4.3							
8			4.3									
9											.6 V	4.7
10									3.2	9.6		
11								8.6				
12		9.5				10.8	12.2					
13	6.8			8.2	2.7		10.6					
14			3.3									
15											9.1	7.1
16									5.7	4.1		
17								8.7				
18		9.8				8.0	8.5					
19	5.4			5.2	9.2							
20			6.0									
21											9.2	6.2
22									12.1	11.8		
23								10.0				
24		AN				5.7	8.9					
25	4.3			1.3 V	3.4							
26			2.1									
27											6.9	6.2
28									11.7	6.5		
29								3.0				
30						7.0	5.0					
31	8.0				7.3							
NO.:	6	3	6	5	6	5	5	5	5	5	5	5
MAX:	9.4	10.0	11.8	8.2	9.2	10.8	12.2	10.0	12.1	11.8	11.3	16.1
MEAN:	6.67	9.77	5.18	3.90	5.45	7.38	9.04	7.08	8.68	7.78	7.42	8.06

ANNUAL OBSERVATIONS: 61 ANNUAL MEAN: 7.05 ANNUAL MAX: 16.1

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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-081-0013 POC: 3
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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2017

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

DAY	HOUR 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	3.0	4.0	6.0	5.0	4.0	13.0	3.0	3.0	8.0	5.0	7.0	4.0	5.0	3.0	9.0	4.0	4.0	9.0	9.0	7.0	9.0	2.0	5.0	3.0	24	13.0
2	3.0	2.0	4.0	3.0	3.0	-1.0	2.0	.0	-1.0	.0	2.0	-2.0	.0	1.0	-1.0	2.0	2.0	1.0	3.0	6.0	5.0	1.0	2.0	2.0	24	6.0
3	1.0	1.0	1.0	1.0	.0	.0	-2.0	-3.0	1.0	1.0	AX	AX	BA	BA	2.0	.0	3.0	2.0	1.0	2.0	5.0	6.0	8.0	5.0	20	8.0
4	9.0	7.0	6.0	7.0	8.0	5.0	4.0	1.0	5.0	3.0	-4.0	6.0	-2.0	-1.0	.0	2.0	2.0	1.0	2.0	5.0	.0	-1.0	.0	-4.0	24	9.0
5	1.0	1.0	1.0	5.0	.0	1.0	2.0	-3.0	2.0	1.0	2.0	.0	.0	.0	-2.0	1.0	-1.0	4.0	5.0	3.0	3.0	7.0	9.0	9.0	24	9.0
6	5.0	5.0	4.0	3.0	6.0	2.0	4.0	6.0	4.0	1.0	-4.0	-2.0	1.0	1.0	.0	.0	4.0	7.0	7.0	4.0	1.0	2.0	8.0	3.0	24	8.0
7	3.0	4.0	5.0	1.0	2.0	1.0	2.0	4.0	7.0	4.0	3.0	4.0	7.0	5.0	2.0	9.0	3.0	12.0	13.0	18.0	27.0	15.0	13.0	11.0	24	27.0
8	8.0	11.0	8.0	5.0	6.0	3.0	2.0	5.0	4.0	-3.0	10.0	3.0	5.0	3.0	9.0	8.0	.0	11.0	8.0	18.0	24.0	25.0	13.0	7.0	24	25.0
9	3.0	4.0	11.0	6.0	5.0	9.0	4.0	11.0	8.0	9.0	8.0	5.0	3.0	8.0	9.0	7.0	6.0	11.0	11.0	9.0	13.0	19.0	29.0	33.0	24	33.0
10	20.0	19.0	14.0	14.0	8.0	12.0	12.0	14.0	14.0	6.0	19.0	10.0	13.0	6.0	8.0	5.0	8.0	12.0	5.0	5.0	9.0	15.0	19.0	18.0	24	20.0
11	18.0	11.0	12.0	8.0	14.0	7.0	10.0	6.0	9.0	8.0	17.0	26.0	12.0	14.0	16.0	13.0	10.0	12.0	8.0	14.0	14.0	13.0	11.0	9.0	24	26.0
12	10.0	9.0	7.0	7.0	7.0	6.0	4.0	6.0	5.0	1.0	9.0	17.0	11.0	7.0	12.0	6.0	7.0	5.0	6.0	3.0	2.0	2.0	6.0	5.0	24	17.0
13	6.0	4.0	9.0	9.0	8.0	9.0	6.0	8.0	7.0	8.0	14.0	13.0	8.0	5.0	9.0	9.0	3.0	6.0	2.0	.0	3.0	1.0	9.0	2.0	24	14.0
14	9.0	9.0	5.0	3.0	3.0	4.0	4.0	4.0	3.0	2.0	2.0	3.0	4.0	6.0	5.0	5.0	10.0	7.0	7.0	9.0	13.0	13.0	12.0	18.0	24	18.0
15	18.0	19.0	14.0	12.0	13.0	14.0	17.0	13.0	9.0	10.0	13.0	9.0	8.0	9.0	7.0	13.0	11.0	5.0	5.0	2.0	7.0	5.0	2.0	5.0	24	19.0
16	7.0	2.0	6.0	5.0	6.0	6.0	3.0	7.0	2.0	3.0	3.0	4.0	9.0	11.0	9.0	8.0	14.0	12.0	5.0	11.0	10.0	10.0	14.0	8.0	24	14.0
17	10.0	11.0	11.0	13.0	17.0	16.0	19.0	22.0	24.0	15.0	12.0	AX	BA	BA	14.0	12.0	12.0	9.0	14.0	12.0	13.0	15.0	11.0	14.0	21	24.0
18	11.0	10.0	9.0	10.0	11.0	13.0	12.0	14.0	9.0	2.0	4.0	4.0	.0	1.0	1.0	3.0	4.0	5.0	.0	2.0	2.0	1.0	4.0	4.0	24	14.0
19	3.0	2.0	1.0	1.0	11.0	3.0	1.0	-1.0	1.0	-1.0	4.0	1.0	5.0	2.0	4.0	1.0	8.0	3.0	4.0	3.0	6.0	5.0	8.0	12.0	24	12.0
20	12.0	10.0	9.0	8.0	8.0	9.0	10.0	8.0	8.0	11.0	11.0	9.0	10.0	8.0	10.0	14.0	12.0	8.0	8.0	10.0	13.0	8.0	11.0	18.0	24	18.0
21	16.0	14.0	14.0	13.0	15.0	9.0	8.0	12.0	11.0	11.0	10.0	12.0	8.0	6.0	9.0	12.0	9.0	8.0	4.0	2.0	2.0	3.0	1.0	2.0	24	16.0
22	3.0	.0	-1.0	-1.0	-3.0	.0	.0	2.0	-1.0	2.0	1.0	-2.0	.0	-1.0	4.0	1.0	4.0	5.0	1.0	3.0	5.0	4.0	.0	2.0	24	5.0
23	1.0	1.0	.0	-2.0	1.0	2.0	1.0	-3.0	1.0	-3.0	2.0	3.0	-1.0	4.0	7.0	8.0	4.0	.0	.0	.0	.0	-3.0	-1.0	.0	24	8.0
24	2.0	-2.0	-1.0	1.0	2.0	-3.0	-2.0	.0	4.0	-5.0	2.0	1.0	-5.0	2.0	-2.0	-1.0	5.0	4.0	-3.0	.0	.0	1.0	2.0	-2.0	24	5.0
25	-2.0	1.0	1.0	3.0	1.0	2.0	.0	1.0	3.0	-4.0	11.0	7.0	10.0	5.0	9.0	7.0	3.0	8.0	2.0	3.0	1.0	6.0	4.0	6.0	24	11.0
26	9.0	6.0	6.0	3.0	9.0	7.0	4.0	3.0	8.0	1.0	8.0	5.0	5.0	1.0	2.0	5.0	1.0	4.0	2.0	-1.0	3.0	.0	1.0	1.0	24	9.0
27	3.0	2.0	3.0	.0	4.0	3.0	1.0	3.0	2.0	-4.0	4.0	3.0	6.0	4.0	3.0	4.0	2.0	2.0	5.0	6.0	3.0	4.0	2.0	1.0	24	6.0
28	.0	2.0	3.0	3.0	3.0	2.0	4.0	4.0	2.0	1.0	1.0	6.0	3.0	5.0	2.0	3.0	-1.0	6.0	1.0	2.0	3.0	7.0	5.0	3.0	24	7.0
29	6.0	4.0	4.0	4.0	6.0	6.0	6.0	4.0	2.0	2.0	3.0	8.0	4.0	2.0	12.0	6.0	.0	5.0	3.0	5.0	2.0	5.0	4.0	5.0	24	12.0
30	.0	1.0	1.0	.0	3.0	-1.0	3.0	.0	-1.0	1.0	-3.0	5.0	2.0	.0	1.0	4.0	5.0	5.0	6.0	2.0	5.0	12.0	11.0	15.0	24	15.0
31	18.0	22.0	18.0	8.0	7.0	7.0	4.0	7.0	6.0	.0	5.0	8.0	12.0	6.0	4.0	5.0	7.0	2.0	1.0	1.0	5.0	7.0	-4.0	5.0	24	22.0
NO.:	31	31	31	31	31	31	31	31	31	31	30	29	29	29	31	31	31	31	31	31	31	31	31	31		
MAX:	20.0	22.0	18.0	14.0	17.0	16.0	19.0	22.0	24.0	15.0	19.0	26.0	13.0	14.0	16.0	14.0	14.0	12.0	14.0	18.0	27.0	25.0	29.0	33.0		
AVG:	6.97	6.32	6.16	5.10	6.06	5.35	4.77	5.10	5.35	2.84	5.87	5.86	4.93	4.24	5.61	5.68	5.19	6.16	4.68	5.35	6.71	6.77	7.06	7.10		

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: 5.64 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-081-0013 POC: 3
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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	5.0	5.0	6.0	4.0	9.0	7.0	5.0	3.0	8.0	8.0	10.0	17.0	17.0	18.0	24.0	8.0	18.0	4.0	3.0	3.0	8.0	7.0	9.0	8.0	24	24.0
2	9.0	7.0	7.0	11.0	9.0	9.0	7.0	9.0	8.0	10.0	1.0	12.0	5.0	AV	AV	AV	-2.0	9.0	8.0	2.0	5.0	7.0	4.0	4.0	21	12.0
3	.0	1.0	2.0	2.0	2.0	4.0	3.0	1.0	4.0	2.0	1.0	4.0	1.0	4.0	2.0	4.0	1.0	4.0	3.0	5.0	8.0	.0	4.0	-1.0	24	8.0
4	3.0	2.0	2.0	-1.0	4.0	1.0	3.0	4.0	3.0	.0	4.0	3.0	6.0	10.0	4.0	6.0	6.0	9.0	8.0	7.0	11.0	14.0	16.0	21.0	24	21.0
5	25.0	25.0	13.0	14.0	9.0	13.0	9.0	9.0	10.0	9.0	6.0	8.0	8.0	7.0	8.0	10.0	9.0	9.0	6.0	8.0	15.0	22.0	10.0	11.0	24	25.0
6	11.0	11.0	8.0	14.0	12.0	13.0	9.0	11.0	9.0	AX	BA	AV	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	9	14.0
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	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	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	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	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	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	0	
14	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	AT	4.0	5.0	9.0	16.0	12.0	14.0	12.0	14.0	18.0	20.0	24.0	28.0	12	28.0
15	23.0	18.0	13.0	7.0	9.0	10.0	7.0	4.0	7.0	4.0	2.0	3.0	2.0	5.0	7.0	7.0	4.0	5.0	4.0	1.0	3.0	2.0	3.0	4.0	24	23.0
16	2.0	5.0	3.0	1.0	2.0	.0	1.0	3.0	-5.0	4.0	1.0	.0	.0	2.0	3.0	.0	3.0	3.0	2.0	3.0	2.0	2.0	1.0	1.0	24	5.0
17	3.0	-1.0	-1.0	5.0	7.0	8.0	4.0	4.0	3.0	8.0	6.0	6.0	6.0	2.0	5.0	3.0	6.0	5.0	2.0	9.0	10.0	14.0	15.0	16.0	24	16.0
18	12.0	15.0	14.0	18.0	14.0	14.0	10.0	10.0	6.0	6.0	10.0	13.0	4.0	7.0	3.0	8.0	7.0	8.0	9.0	11.0	10.0	6.0	17.0	17.0	24	18.0
19	17.0	19.0	17.0	16.0	15.0	16.0	14.0	9.0	6.0	6.0	8.0	7.0	7.0	6.0	4.0	6.0	8.0	5.0	8.0	7.0	11.0	12.0	11.0	12.0	24	19.0
20	10.0	12.0	14.0	15.0	11.0	10.0	11.0	12.0	10.0	8.0	13.0	15.0	9.0	8.0	9.0	9.0	11.0	7.0	12.0	4.0	10.0	14.0	10.0	11.0	24	15.0
21	12.0	12.0	10.0	11.0	12.0	17.0	15.0	14.0	9.0	14.0	10.0	11.0	7.0	10.0	8.0	7.0	9.0	9.0	9.0	11.0	14.0	13.0	13.0	13.0	24	17.0
22	10.0	11.0	13.0	9.0	13.0	10.0	12.0	10.0	12.0	11.0	12.0	13.0	14.0	AZ	AZ	AZ	13.0	17.0	16.0	16.0	17.0	18.0	21.0	21.0	21	21.0
23	24.0	26.0	27.0	18.0	17.0	18.0	19.0	15.0	11.0	7.0	20.0	15.0	9.0	11.0	8.0	3.0	6.0	4.0	4.0	6.0	6.0	9.0	10.0	11.0	24	27.0
24	12.0	11.0	9.0	8.0	9.0	8.0	8.0	9.0	8.0	14.0	15.0	11.0	8.0	6.0	8.0	10.0	7.0	7.0	7.0	4.0	12.0	9.0	11.0	8.0	24	15.0
25	11.0	10.0	9.0	9.0	14.0	10.0	10.0	6.0	7.0	6.0	5.0	10.0	9.0	10.0	14.0	.0	12.0	-1.0	1.0	1.0	4.0	2.0	4.0	3.0	24	14.0
26	2.0	1.0	3.0	5.0	4.0	6.0	2.0	4.0	1.0	4.0	7.0	3.0	6.0	3.0	5.0	5.0	7.0	3.0	4.0	7.0	13.0	27.0	32.0	27.0	24	32.0
27	21.0	18.0	24.0	20.0	20.0	17.0	10.0	12.0	4.0	5.0	18.0	9.0	8.0	6.0	5.0	7.0	3.0	5.0	7.0	8.0	6.0	6.0	12.0	11.0	24	24.0
28	8.0	13.0	15.0	12.0	10.0	11.0	13.0	13.0	6.0	14.0	14.0	13.0 6	11.0	12.0	10.0	10.0	6.0	8.0	8.0	9.0	9.0	12.0	17.0	27.0	24	27.0
29																									0	
30																									0	
31																									0	
NO.:	20	20	20	20	20	20	20	20	20	19	19	19	20	18	18	18	20	20	20	20	20	20	20	20		
MAX:	25.0	26.0	27.0	20.0	20.0	18.0	19.0	15.0	12.0	14.0	20.0	17.0	17.0	18.0	24.0	16.0	18.0	17.0	16.0	16.0	18.0	27.0	32.0	28.0		
AVG:	11.00	11.05	10.40	9.90	10.10	10.10	8.60	8.10	6.35	7.37	8.58	9.11	7.05	7.33	7.56	6.61	7.30	6.70	6.65	6.80	9.60	10.80	12.20	12.65		

MONTHLY OBSERVATIONS: 471 MONTHLY MEAN: 8.85 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-081-0013 POC: 3
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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	26.0	24.0	33.0	37.0	26.0	21.0	17.0	17.0	17.0	18.0	15.0	18.0	10.0	14.0	13.0	11.0	12.0	8.0	4.0	2.0	1.0	3.0	3.0	5.0	24	37.0
2	5.0	3.0	5.0	4.0	3.0	2.0	8.0	2.0	.0	6.0	2.0	4.0	4.0	1.0	2.0	2.0	5.0	2.0	3.0	2.0	3.0	8.0	10.0	5.0	24	10.0
3	4.0	1.0	6.0	4.0	3.0	3.0	4.0	3.0	2.0	3.0	6.0	5.0	3.0	4.0	3.0	3.0	2.0	4.0	5.0	1.0	5.0	3.0	8.0	10.0	24	10.0
4	4.0	6.0	3.0	4.0	3.0	2.0	6.0	5.0	1.0	8.0	9.0	7.0	5.0	6.0	3.0	5.0	9.0	2.0	6.0	8.0	16.0	21.0	20.0	27.0	24	27.0
5	28.0	23.0	17.0	17.0	8.0	7.0	8.0	6.0	11.0	12.0	8.0	13.0	10.0	12.0	11.0	9.0	8.0	12.0	13.0	7.0	11.0	9.0	10.0	10.0	24	28.0
6	8.0	10.0	12.0	9.0	8.0	11.0	10.0	13.0	11.0	21.0	16.0	AX	BA	20.0	17.0	18.0	14.0	11.0	11.0	13.0	14.0	16.0	26.0	24.0	22	26.0
7	23.0	27.0	24.0	21.0	21.0	21.0	18.0	23.0	17.0	15.0	14.0	11.0	10.0	9.0	9.0	4.0	5.0	15.0	10.0	12.0	8.0	9.0	10.0	13.0	24	27.0
8	19.0	14.0	14.0	9.0	10.0	11.0	2.0	-1.0	-1.0	.0	2.0	4.0	5.0	3.0	4.0	6.0	4.0	3.0	-2.0	.0	1.0	4.0	1.0	3.0	24	19.0
9	5.0	3.0	2.0	-2.0	2.0	.0	3.0	7.0	-4.0	6.0	5.0	10.0	8.0	2.0	4.0	7.0	2.0	4.0	1.0	2.0	5.0	3.0	6.0	6.0	24	10.0
10	6.0	7.0	7.0	10.0	15.0	13.0	13.0	14.0	11.0	4.0	7.0	11.0	2.0	2.0	2.0	3.0	4.0	-1.0	2.0	-1.0	2.0	-2.0	2.0	2.0	24	15.0
11	2.0	2.0	3.0	4.0	1.0	1.0	1.0	2.0	3.0	6.0	1.0	5.0	6.0	3.0	2.0	5.0	7.0	6.0	5.0	7.0	15.0	11.0	14.0	6.0	24	15.0
12	4.0	6.0	4.0	4.0	5.0	5.0	4.0	9.0	1.0	2.0	4.0	10.0	9.0	8.0	11.0	6.0	7.0	1.0	9.0	4.0	5.0	12.0	6.0	6.0	24	12.0
13	6.0	9.0	8.0	10.0	6.0	8.0	7.0	9.0	5.0	12.0	9.0	6.0	10.0	13.0	4.0	4.0	12.0	8.0	12.0	5.0	7.0	3.0	6.0	4.0	24	13.0
14	.0	-2.0	.0	-1.0	1.0	4.0	3.0	2.0	1.0	3.0	10.0	4.0	4.0	7.0	3.0	5.0	8.0	6.0	3.0	2.0	3.0	2.0	2.0	1.0	24	10.0
15	3.0	3.0	4.0	1.0	4.0	4.0	5.0	5.0	2.0	4.0	3.0	3.0	4.0	2.0	3.0	4.0	6.0	2.0	8.0	.0	5.0	2.0	4.0	5.0	24	8.0
16	2.0	2.0	5.0	2.0	3.0	4.0	6.0	2.0	3.0	11.0	6.0	7.0	8.0	9.0	8.0	8.0	9.0	9.0	8.0	5.0	10.0	9.0	7.0	9.0	24	11.0
17	8.0	9.0	6.0	4.0	7.0	6.0	6.0	5.0	1.0	AX	BA	BA	13.0	17.0	3.0	12.0	9.0	13.0	9.0	9.0	15.0	12.0	11.0	14.0	21	17.0
18	14.0	13.0	12.0	14.0	16.0	19.0	19.0	20.0	23.0	18.0	25.0	26.0	29.0	22.0	22.0	13.0	14.0	8.0	-5.0	-1.0	6.0	4.0	7.0	.0	24	29.0
19	4.0	2.0	2.0	3.0	3.0	4.0	1.0	1.0	-3.0	4.0	8.0	6.0	5.0	.0	5.0	8.0	6.0	.0	1.0	2.0	3.0	3.0	1.0	2.0	24	8.0
20	3.0	6.0	3.0	5.0	5.0	6.0	6.0	5.0	-1.0	10.0	12.0	10.0	11.0	9.0	10.0	10.0	9.0	5.0	5.0	2.0	6.0	11.0	5.0	13.0	24	13.0
21	6.0	8.0	8.0	16.0	8.0	8.0	13.0	15.0	14.0	19.0	23.0	23.0	17.0	15.0	13.0	17.0	16.0	11.0	10.0	6.0	7.0	9.0	6.0	11.0	24	23.0
22	5.0	4.0	3.0	1.0	2.0	2.0	7.0	7.0	8.0	9.0	-1.0	3.0	3.0	6.0	6.0	4.0	3.0	2.0	7.0	-1.0	1.0	-1.0	4.0	2.0	24	9.0
23	6.0	3.0	5.0	4.0	1.0	4.0	6.0	.0	1.0	7.0	6.0	5.0	7.0	12.0	5.0	9.0	13.0	11.0	11.0	7.0	3.0	9.0	14.0	7.0	24	14.0
24	6.0	18.0	18.0	20.0	17.0	11.0	13.0	7.0	9.0	13.0	7.0	11.0	19.0	5.0	10.0	13.0	14.0	6.0	7.0	3.0	6.0	9.0	13.0	11.0	24	20.0
25	17.0	19.0	18.0	14.0	13.0	11.0	10.0	6.0	9.0	10.0	12.0	10.0	9.0	9.0	12.0	6.0	9.0	2.0	5.0	4.0	8.0	7.0	6.0	13.0	24	19.0
26	8.0	5.0	6.0	8.0	5.0	10.0	9.0	8.0	1.0	8.0	5.0	11.0	10.0	9.0	7.0	5.0	3.0	10.0	3.0	3.0	4.0	10.0	6.0	6.0	24	11.0
27	5.0	5.0	5.0	5.0	3.0	4.0	6.0	7.0	.0	7.0	6.0	8.0	7.0	13.0	16.0	13.0	12.0	7.0	9.0	11.0	7.0	10.0	10.0	9.0	24	16.0
28	7.0	10.0	10.0	-1.0	8.0	7.0	6.0	4.0	5.0	.0	.0	8.0	5.0	9.0	13.0	13.0	3.0	6.0	5.0	3.0	3.0	8.0	3.0	3.0	24	13.0
29	4.0	4.0	8.0	2.0	7.0	3.0	6.0	.0	2.0	11.0	11.0	7.0	7.0	8.0	14.0	5.0	6.0	11.0	5.0	6.0	4.0	8.0	10.0	15.0	24	15.0
30	14.0	13.0	13.0	12.0	10.0	19.0	16.0	12.0	8.0	3.0	3.0	7.0	4.0	8.0	4.0	6.0	6.0	14.0	13.0	17.0	12.0	13.0	AN	AN	22	19.0
31	12.0	7.0	10.0	4.0	AN	AN	AN	AN	AN	AN	AX	BA	9.0	19.0	13.0	16.0	-5.0	-2.0	3.0	-4.0	-3.0	3.0	-1.0	2.0	16	19.0
NO.:	31	31	31	31	30	30	30	30	30	29	29	28	30	31	31	31	31	31	31	31	31	31	30	30		
MAX:	28.0	27.0	33.0	37.0	26.0	21.0	19.0	23.0	23.0	21.0	25.0	26.0	29.0	22.0	22.0	18.0	16.0	15.0	13.0	17.0	16.0	21.0	26.0	27.0		
AVG:	8.52	8.52	8.84	7.87	7.47	7.70	7.97	7.17	5.23	8.62	8.07	9.04	8.43	8.90	8.13	8.06	7.48	6.32	6.00	4.39	6.23	7.35	7.67	8.13		

MONTHLY OBSERVATIONS: 729 MONTHLY MEAN: 7.58 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-081-0013 POC: 3
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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

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

DAY	HOUR 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	3.0	-3.0	.0	.0	2.0	-2.0	3.0	-1.0	2.0	8.0	3.0	6.0	6.0	.0	8.0	3.0	3.0	.0	.0	-3.0	-3.0	2.0	.0	.0	24	8.0
2	1.0	2.0	2.0	2.0	4.0	3.0	3.0	-2.0	2.0	2.0	8.0	8.0	8.0	8.0	5.0	9.0	2.0	8.0	2.0	.0	8.0	4.0	6.0	8.0	24	9.0
3	3.0	8.0	7.0	8.0	8.0	8.0	12.0	11.0	11.0	8.0	9.0	12.0	AX	BA	8.0	14.0	5.0	13.0	-1.0	6.0	5.0	9.0	5.0	4.0	22	14.0
4	3.0	6.0	6.0	4.0	7.0	6.0	6.0	9.0	4.0	12.0	12.0	9.0	6.0	8.0	5.0	10.0	4.0	4.0	5.0	3.0	1.0	1.0	5.0	7.0	24	12.0
5	7.0	11.0	7.0	8.0	9.0	11.0	9.0	6.0	11.0	13.0	11.0	12.0	9.0	11.0	9.0	12.0	6.0	.0	7.0	10.0	4.0	10.0	8.0	11.0	24	13.0
6	9.0	5.0	13.0	8.0	5.0	8.0	8.0	5.0	5.0	7.0	2.0	-1.0	-1.0	7.0	-4.0	7.0	4.0	.0	3.0	1.0	.0	-1.0	2.0	.0	24	13.0
7	1.0	2.0	2.0	3.0	2.0	2.0	2.0	-1.0	5.0	3.0	2.0	-3.0	10.0	4.0	2.0	2.0	2.0	3.0	5.0	2.0	4.0	3.0	4.0	6.0	24	10.0
8	2.0	3.0	3.0	6.0	3.0	2.0	3.0	5.0	3.0	6.0	6.0	9.0	9.0	2.0	6.0	4.0	4.0	5.0	6.0	2.0	5.0	19.0	25.0	30.0	24	30.0
9	30.0	31.0	21.0	16.0	11.0	12.0	9.0	4.0	2.0	10.0	15.0	14.0	9.0	5.0	7.0	3.0	6.0	4.0	3.0	1.0	5.0	6.0	2.0	9.0	24	31.0
10	5.0	7.0	8.0	6.0	8.0	6.0	7.0	5.0	9.0	9.0	14.0	15.0	14.0	9.0	15.0	8.0	12.0	9.0	6.0	3.0	4.0	5.0	4.0	3.0	24	15.0
11	7.0	12.0	12.0	8.0	8.0	8.0	7.0	4.0	7.0	8.0	9.0	10.0	11.0	11.0	13.0	9.0	5.0	8.0	7.0	3.0	3.0	9.0	2.0	5.0	24	13.0
12	6.0	8.0	9.0	7.0	7.0	5.0	8.0	6.0	11.0	17.0	13.0	10.0	10.0	5.0	9.0	6.0	8.0	1.0	8.0	3.0	4.0	8.0	10.0	8.0	24	17.0
13	8.0	10.0	7.0	3.0	5.0	4.0	11.0	7.0	7.0	12.0 6	13.0	11.0	11.0	12.0	10.0	10.0	10.0	4.0	10.0	4.0	6.0	8.0	9.0	10.0	24	13.0
14	10.0	11.0	9.0	8.0	8.0	12.0	8.0	7.0	7.0	8.0	11.0	12.0	18.0	14.0	15.0	16.0	15.0	12.0	17.0	11.0	11.0	9.0	14.0	19.0	24	19.0
15	18.0	15.0	16.0	15.0	14.0	10.0	12.0	9.0	12.0	14.0	17.0	14.0	18.0	13.0	8.0	13.0	15.0	5.0	9.0	8.0	7.0	8.0	5.0	10.0	24	18.0
16	11.0	11.0	11.0	9.0	12.0	10.0	11.0	9.0	11.0	14.0	18.0	17.0	12.0	37.0	23.0	18.0	15.0	13.0	22.0	18.0	17.0	17.0	13.0	9.0	24	37.0
17	11.0	9.0	11.0	9.0	11.0	13.0	12.0	7.0	12.0	16.0	12.0	21.0	16.0	12.0	12.0	8.0	1.0	2.0	4.0	7.0	.0	5.0	4.0	5.0	24	21.0
18	4.0	4.0	8.0	12.0	9.0	7.0	10.0	5.0	5.0	4.0	7.0	AX	BA	BA	7.0	12.0	10.0	7.0	8.0	9.0	8.0	6.0	8.0	6.0	21	12.0
19	4.0	4.0	3.0	1.0	7.0	6.0	2.0	3.0	4.0	5.0	2.0	6.0	6.0	1.0	3.0	11.0	5.0	8.0	12.0	11.0	12.0	9.0	16.0	15.0	24	16.0
20	8.0	13.0	13.0	12.0	14.0	18.0	20.0	21.0	12.0	13.0	20.0	20.0	19.0	17.0	16.0	19.0	16.0	10.0	12.0	10.0	3.0	11.0	8.0	10.0	24	21.0
21	9.0	13.0	14.0	13.0	14.0	13.0	14.0	10.0	15.0	18.0	22.0	24.0	16.0	10.0	19.0	10.0	7.0	4.0	8.0	3.0	6.0	1.0	7.0	6.0	24	24.0
22	12.0	7.0	9.0	9.0	13.0	6.0	10.0	12.0	8.0	13.0	18.0	20.0	20.0	12.0	13.0	14.0	14.0	-5.0	-1.0	3.0	2.0	-3.0	2.0	.0	24	20.0
23	1.0	-3.0	-1.0	3.0	3.0	3.0	5.0	2.0	6.0	6.0	3.0	6.0	4.0	5.0	3.0	5.0	3.0	2.0	.0	2.0	5.0	2.0	2.0	4.0	24	6.0
24	3.0	.0	.0	.0	2.0	1.0	2.0	-1.0	4.0	1.0	1.0	2.0	3.0	4.0	1.0	2.0	3.0	2.0	1.0	.0	-2.0	-1.0	.0	2.0	24	4.0
25	.0	2.0	.0	.0	3.0	2.0	.0	1.0	1.0	.0	2.0	1.0	3.0	3.0	2.0	1.0	2.0	6.0	1.0	2.0	3.0	1.0	4.0	3.0	24	6.0
26	2.0	2.0	4.0	2.0	3.0	2.0	2.0	-1.0	11.0	11.0	7.0	9.0	10.0	6.0	8.0	9.0	9.0	5.0	5.0	.0	9.0	7.0	10.0	11.0	24	11.0
27	10.0	11.0	12.0	19.0	17.0	16.0	13.0	10.0	17.0	18.0	21.0	23.0	23.0	52.0	30.0	6.0	14.0	8.0	12.0	12.0	11.0	15.0	8.0	12.0	24	52.0
28	13.0	11.0	9.0	12.0	12.0	12.0	7.0	10.0	17.0	19.0	23.0	22.0	16.0	14.0	17.0	13.0	16.0	14.0	15.0	15.0	14.0	12.0	18.0	19.0	24	23.0
29	17.0	18.0	20.0	20.0	22.0	22.0	21.0	19.0	17.0	16.0	21.0	20.0	24.0	20.0	18.0	16.0	14.0	17.0	26.0	15.0	17.0	16.0	15.0	15.0	24	26.0
30	10.0	9.0	9.0	8.0	7.0	5.0	9.0	6.0	7.0	11.0	5.0	6.0	14.0	4.0	5.0	8.0	5.0	-1.0	8.0	4.0	6.0	7.0	3.0	4.0	24	14.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	29	28	28	30	30	30	30	30	30	30	30	30	30		
MAX:	30.0	31.0	21.0	20.0	22.0	22.0	21.0	21.0	17.0	19.0	23.0	24.0	24.0	52.0	30.0	19.0	16.0	17.0	26.0	18.0	17.0	19.0	25.0	30.0		
AVG:	7.60	7.97	8.13	7.70	8.33	7.70	8.20	6.23	8.17	10.07	10.90	11.55	11.57	10.93	9.77	9.27	7.83	5.60	7.33	5.50	5.83	6.83	7.30	8.37		

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 8.26 MONTHLY MAX: 52.0

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: 37-081-0013 POC: 3
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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

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

DAY	HOUR 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	8.0	5.0	5.0	7.0	6.0	6.0	2.0	7.0	6.0	7.0	AX	BA	7.0	8.0	8.0	6.0	7.0	15.0	2.0	6.0	5.0	3.0	8.0	8.0	22	15.0
2	4.0	6.0	6.0	8.0	3.0	6.0	1.0	5.0	5.0	.0	6.0	5.0	4.0	5.0	8.0	4.0	6.0	7.0	-1.0	4.0	7.0	5.0	8.0	5.0	24	8.0
3	6.0	7.0	6.0	9.0	6.0	5.0	-3.0	6.0	7.0	9.0	8.0	5.0	5.0	7.0	8.0	6.0	5.0	11.0	-1.0	9.0	8.0	6.0	8.0	8.0	24	11.0
4	7.0	6.0	5.0	6.0	6.0	5.0	6.0	3.0	10.0	1.0	6.0	9.0	8.0	6.0	9.0	23.0	3.0	9.0	7.0	9.0	8.0	10.0	2.0	9.0	24	23.0
5	2.0	4.0	.0	3.0	4.0	2.0	7.0	.0	9.0	6.0	5.0	5.0	4.0	2.0	4.0	7.0	5.0	2.0	4.0	.0	4.0	4.0	2.0	4.0	24	9.0
6	4.0	.0	2.0	3.0	3.0	1.0	-3.0	.0	-1.0	2.0	3.0	-2.0	4.0	8.0	9.0	6.0	2.0	8.0	9.0	2.0	4.0	4.0	2.0	4.0	24	9.0
7	.0	5.0	5.0	5.0	7.0	5.0	-2.0	5.0	12.0	5.0	6.0	6.0	7.0	6.0	7.0	4.0	8.0	6.0	-1.0	5.0	3.0	13.0	5.0	4.0	24	13.0
8	4.0	5.0	4.0	7.0	5.0	6.0	-2.0	10.0	10.0	7.0	9.0	10.0	2.0	8.0	6.0	3.0	4.0	4.0	.0	2.0	5.0	4.0	5.0	4.0	24	10.0
9	2.0	3.0	4.0	6.0	10.0	4.0	5.0	6.0	4.0	4.0	12.0	11.0	6.0	6.0	9.0	10.0	11.0	13.0	11.0	14.0	12.0	12.0	9.0	16.0	24	16.0
10	16.0	13.0	12.0	14.0	11.0	8.0	10.0	13.0	18.0	18.0	21.0	AX	BA	19.0	16.0	19.0	13.0	18.0	17.0	22.0	16.0	18.0	21.0	23.0	22	23.0
11	17.0	21.0	23.0	24.0	15.0	16.0	20.0	17.0	21.0	20.0	15.0	13.0	16.0	17.0	14.0	12.0	11.0	15.0	15.0	11.0	1.0	8.0	8.0	7.0	24	24.0
12	9.0	2.0	6.0	1.0	.0	2.0	1.0	4.0	2.0	2.0	5.0	5.0	7.0	8.0	7.0	-1.0	6.0	3.0	1.0	-3.0	5.0	4.0	4.0	3.0	24	9.0
13	2.0	2.0	4.0	2.0	.0	1.0	1.0	-4.0	4.0	4.0	3.0	1.0	.0	4.0	3.0	3.0	5.0	5.0	4.0	1.0	3.0	5.0	4.0	6.0	24	6.0
14	6.0	7.0	8.0	4.0	4.0	3.0	.0	.0	11.0	10.0	10.0	7.0	6.0	7.0	8.0	6.0	11.0	8.0	10.0	11.0	10.0	7.0	9.0	10.0	24	11.0
15	8.0	12.0	15.0	11.0	8.0	11.0	3.0	8.0	14.0	11.0	12.0	15.0	10.0	11.0	12.0	8.0	14.0	11.0	11.0	11.0	12.0	12.0	12.0	13.0	24	15.0
16	9.0	9.0	9.0	10.0	11.0	9.0	2.0	6.0	16.0	AX	AX	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	9	16.0
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	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	0	
19	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	BA	BA	BA	BA	3.0	9.0	10.0	7.0	7.0	5.0	12.0	7	12.0
20	11.0	9.0	12.0	9.0	11.0	8.0	2.0	5.0	6.0	7.0	7.0	7.0	10.0	6.0	14.0	6.0	8.0	8.0	9.0	6.0	6.0	13.0	19.0	-2.0	24	19.0
21	5.0	9.0	9.0	10.0	11.0	6.0	5.0	5.0	15.0	5.0	3.0	1.0	6.0	6.0	9.0	10.0	12.0	19.0	15.0	12.0	11.0	10.0	10.0	10.0	24	19.0
22	10.0	7.0	9.0	7.0	5.0	3.0	1.0	.0	-1.0	1.0	2.0	6.0	9.0	6.0	7.0	12.0	3.0	2.0	4.0	7.0	6.0	6.0	6.0	5.0	24	12.0
23	4.0	4.0	1.0	1.0	4.0	1.0	-1.0	1.0	4.0	.0	5.0	7.0	-1.0	1.0	1.0	2.0	.0	.0	-1.0	3.0	-1.0	1.0	2.0	2.0	24	7.0
24	1.0	-2.0	1.0	-1.0	-1.0	.0	2.0	5.0	-1.0	-1.0	AZ	AZ	AZ	7.0	-1.0	4.0	11.0	1.0	5.0	4.0	3.0	2.0	2.0	2.0	21	11.0
25	2.0	1.0	2.0	1.0	.0	4.0	2.0	7.0	3.0	4.0	11.0	-1.0	3.0	5.0	-1.0	2.0	5.0	5.0	5.0	1.0	3.0	5.0	6.0	6.0	24	11.0
26	3.0	5.0	9.0	5.0	7.0	7.0	.0	10.0	11.0	11.0	8.0	9.0	9.0	8.0	9.0	5.0	8.0	5.0	7.0	8.0	10.0	10.0	15.0	13.0	24	15.0
27	13.0	12.0	9.0	13.0	10.0	7.0	7.0	8.0	11.0	13.0	12.0	12.0	9.0	11.0	3.0	12.0	10.0	9.0	13.0	11.0	13.0	12.0	16.0	4.0	24	16.0
28	7.0	7.0	7.0	6.0	7.0	2.0	2.0	4.0	4.0	5.0	4.0	7.0	4.0	2.0	5.0	4.0	5.0	1.0	5.0	7.0	3.0	7.0	4.0	2.0	24	7.0
29	2.0	.0	7.0	4.0	AN	AN	AN	9.0	6.0	7.0	9.0	7.0	6.0	8.0	8.0	7.0	10.0	10.0	8.0	4.0	7.0	16.0	6.0	7.0	21	16.0
30	9.0	5.0	6.0	7.0	5.0	4.0	8.0	6.0	6.0	7.0	9.0	12.0	6.0	8.0	8.0	11.0	12.0	11.0	9.0	10.0	10.0	12.0	6.0	10.0	24	12.0
31	8.0	9.0	8.0	8.0	10.0	7.0	2.0	16.0	2.0	12.0	6.0	13.0	6.0	9.0	12.0	12.0	2.0	12.0	9.0	5.0	10.0	10.0	8.0	9.0	24	16.0
NO.:	28	28	28	28	27	27	27	28	28	27	25	24	25	27	27	27	27	28	28	28	28	28	28	28		
MAX:	17.0	21.0	23.0	24.0	15.0	16.0	20.0	17.0	21.0	20.0	21.0	15.0	16.0	19.0	16.0	23.0	14.0	19.0	17.0	22.0	16.0	18.0	21.0	23.0		
AVG:	6.39	6.18	6.93	6.79	6.22	5.15	2.89	5.79	7.64	6.56	7.88	7.08	6.12	7.37	7.48	7.52	7.30	7.89	6.61	6.86	6.82	8.07	7.57	7.29		

MONTHLY OBSERVATIONS: 654 MONTHLY MEAN: 6.77 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-081-0013 POC: 3
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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

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

DAY	HOUR 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	4.0	4.0	4.0	3.0	1.0	4.0	1.0	3.0	4.0	4.0	2.0	-2.0	4.0	2.0	4.0	2.0	5.0	1.0	3.0	4.0	3.0	1.0	3.0	24	5.0
2	4.0	4.0	5.0	5.0	8.0	5.0	2.0	3.0	1.0	4.0	2.0	6.0	2.0	6.0	4.0	5.0	4.0	1.0	3.0	3.0	1.0	4.0	5.0	2.0	24	8.0
3	3.0	3.0	4.0	4.0	4.0	3.0	4.0	2.0	8.0	2.0	.0	4.0	3.0	3.0	2.0	7.0	3.0	5.0	4.0	5.0	4.0	4.0	3.0	4.0	24	8.0
4	4.0	3.0	3.0	6.0	5.0	5.0	5.0	6.0	5.0	4.0	6.0	6.0	2.0	4.0	5.0	2.0	4.0	4.0	6.0	4.0	6.0	6.0	2.0	2.0	24	6.0
5	-1.0	1.0	2.0	3.0	4.0	4.0	3.0	2.0	3.0	.0	4.0	.0	5.0	5.0	8.0	3.0	12.0	-4.0	5.0	3.0	2.0	4.0	2.0	2.0	24	12.0
6	4.0	7.0	2.0	3.0	5.0	3.0	4.0	1.0	5.0	4.0	AX	BA	BC	BC	8.0	6.0	6.0	10.0	7.0	7.0	6.0	7.0	8.0	8.0	20	10.0
7	5.0	5.0	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	2	5.0
8	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AX	BA	2.0	3.0	3.0	6.0	3.0	1.0	6.0	3.0	7.0	1.0	6.0	5.0	12	7.0
9	2.0	5.0	5.0	7.0	5.0	2.0	-2.0	4.0	8.0	10.0	8.0	5.0	1.0	3.0	4.0	7.0	5.0	6.0	13.0	10.0	13.0	17.0	12.0	13.0	24	17.0
10	8.0	13.0	9.0	10.0	9.0	11.0	8.0	15.0	14.0	18.0	13.0	8.0	10.0	11.0	11.0	9.0	12.0	11.0	12.0	12.0	13.0	17.0	15.0	17.0	24	18.0
11	14.0	11.0	11.0	11.0	7.0	8.0	2.0	9.0	18.0	12.0	12.0	9.0	12.0	12.0	10.0	6.0	12.0	7.0	8.0	8.0	13.0	13.0	14.0	10.0	24	18.0
12	14.0	11.0	7.0	11.0	10.0	8.0	5.0	6.0	8.0	13.0	9.0	7.0	12.0	13.0	9.0	11.0	15.0	8.0	9.0	12.0	11.0	12.0	10.0	12.0	24	15.0
13	13.0	10.0	10.0	13.0	12.0	17.0	14.0	8.0	15.0	20.0	19.0	16.0	16.0	19.0	19.0	12.0	3.0	5.0	7.0	10.0	7.0	4.0	6.0	4.0	24	20.0
14	9.0	4.0	6.0	9.0	7.0	5.0	-2.0	8.0	12.0	13.0	8.0	13.0	10.0	5.0	11.0	3.0	16.0	12.0	15.0	17.0	AN	5.0	4.0	6.0	23	17.0
15	5.0	5.0	6.0	1.0	9.0	6.0	-2.0	3.0	6.0	10.0	10.0	9.0	8.0	10.0	8.0	8.0	5.0	7.0	10.0	8.0	10.0	17.0	13.0	12.0	24	17.0
16	11.0	11.0	11.0	4.0	5.0	5.0	8.0	10.0	13.0	12.0	16.0	13.0	10.0	12.0	11.0	7.0	11.0	9.0	10.0	9.0	4.0	10.0	5.0	5.0	24	16.0
17	.0	6.0	11.0	5.0	9.0	7.0	7.0	8.0	9.0	6.0	6.0	10.0	11.0	10.0	11.0	12.0	8.0	7.0	12.0	6.0	2.0	5.0	6.0	5.0	24	12.0
18	4.0	7.0	11.0	10.0	12.0	9.0	13.0	12.0	10.0	13.0	13.0	11.0	11.0	11.0	10.0	8.0	4.0	7.0	8.0	8.0	5.0	8.0	12.0	-2.0	24	13.0
19	.0	.0	5.0	3.0	2.0	7.0	3.0	7.0	16.0	7.0	13.0	8.0	9.0	4.0	8.0	4.0	13.0	7.0	12.0	.0	5.0	-1.0	.0	3.0	24	16.0
20	7.0	2.0	5.0	8.0	1.0	3.0	3.0	5.0	6.0	3.0	6.0	10.0	8.0	8.0	7.0	8.0	6.0	9.0	12.0	9.0	12.0	4.0	6.0	6.0	24	12.0
21	2.0	4.0	3.0	6.0	3.0	4.0	4.0	3.0	2.0	6.0	4.0	5.0	11.0	4.0	9.0	11.0	8.0	7.0	8.0	6.0	5.0	6.0	3.0	4.0	24	11.0
22	4.0	6.0	7.0	6.0	4.0	4.0	7.0	6.0	8.0	8.0	7.0	10.0	9.0	4.0	1.0	5.0	.0	3.0	7.0	7.0	6.0	2.0	5.0	4.0	24	10.0
23	10.0	8.0	9.0	5.0	8.0	8.0	1.0	9.0	8.0	13.0	16.0	17.0	15.0	16.0	17.0	17.0	17.0	19.0	18.0	17.0	14.0	15.0	16.0	17.0	24	19.0
24	16.0	8.0	10.0	8.0	3.0	4.0	3.0	6.0	8.0	4.0	5.0	9.0	5.0	6.0	16.0	-1.0	5.0	1.0	5.0	2.0	2.0	4.0	8.0	2.0	24	16.0
25	5.0	2.0	2.0	3.0	1.0	3.0	1.0	2.0	-1.0	4.0	7.0	8.0	9.0	4.0	11.0	5.0	3.0	14.0	7.0	13.0	11.0	9.0	AN	AN	22	14.0
26	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	AX	6.0	10.0	5.0	5.0	8.0	7.0	5.0	6.0	12.0	5.0	8.0	8.0	12	12.0
27	9.0	6.0	6.0	7.0	7.0	6.0	4.0	9.0	3.0	7.0	6.0	4.0	6.0	6.0	7.0	4.0	7.0	3.0	6.0	5.0	6.0	5.0	7.0	10.0	24	10.0
28	9.0	7.0	7.0	6.0	9.0	6.0	-2.0	4.0	3.0	7.0	6.0	6.0	8.0	6.0	5.0	9.0	3.0	8.0	9.0	6.0	8.0	7.0	4.0	8.0	24	9.0
29	2.0	9.0	9.0	12.0	6.0	6.0	8.0	12.0	14.0	11.0	9.0	12.0	12.0	8.0	9.0	8.0	10.0	8.0	14.0	12.0	17.0	21.0	15.0	12.0	24	21.0
30	12.0	11.0	9.0	12.0	12.0	8.0	14.0	12.0	9.0	4.0	5.0	11.0	5.0	7.0	4.0	18.0	-4.0	1.0	4.0	2.0	5.0	8.0	6.0	2.0	24	18.0
31																									0	
NO.:	28	28	27	27	27	27	27	27	27	27	26	26	28	28	29	29	29	29	29	29	28	29	28	28		
MAX:	16.0	13.0	11.0	13.0	12.0	17.0	14.0	15.0	18.0	20.0	19.0	17.0	16.0	19.0	19.0	18.0	17.0	19.0	18.0	17.0	17.0	21.0	16.0	17.0		
AVG:	6.29	6.18	6.63	6.74	6.30	5.85	4.41	6.41	7.93	8.11	8.23	8.42	7.71	7.64	8.10	7.21	6.93	6.48	8.38	7.34	7.54	7.66	7.21	6.57		

MONTHLY OBSERVATIONS: 667 MONTHLY MEAN: 7.10 MONTHLY MAX: 21.0

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: 37-081-0013 POC: 3
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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	5.0	3.0	4.0	3.0	4.0	4.0	3.0	4.0	1.0	6.0	8.0	3.0	5.0	3.0	8.0	5.0	9.0	3.0	5.0	4.0	5.0	5.0	5.0	8.0	24	9.0
2	6.0	5.0	9.0	8.0	6.0	3.0	3.0	10.0	6.0	9.0	8.0	8.0	7.0	10.0	13.0	8.0	9.0	11.0	7.0	5.0	12.0	14.0	9.0	11.0	24	14.0
3	8.0	10.0	4.0	8.0	8.0	5.0	7.0	7.0	4.0	12.0	8.0	9.0	8.0	4.0	12.0	12.0	12.0	12.0	10.0	14.0	8.0	2.0	6.0	6.0	24	14.0
4	7.0	2.0	2.0	7.0	.0	2.0	2.0	2.0	10.0	6.0	9.0	5.0	7.0	9.0	13.0	12.0	8.0	9.0	9.0	11.0	12.0	16.0	13.0	10.0	24	16.0
5	6.0	6.0	8.0	3.0	5.0	4.0	6.0	8.0	11.0	12.0	14.0	15.0	12.0	AX	BA	6.0	11.0	11.0	29.0	-5.0	7.0	4.0	6.0	5.0	22	29.0
6	7.0	8.0	3.0	3.0	5.0	-1.0	3.0	1.0	3.0	8.0	9.0	10.0	6.0	6.0	7.0	13.0	5.0	13.0	5.0	8.0	9.0	5.0	10.0	9.0	24	13.0
7	7.0	9.0	8.0	6.0	9.0	7.0	4.0	4.0	12.0	3.0	.0	6.0	5.0	4.0	5.0	5.0	6.0	5.0	6.0	7.0	8.0	9.0	14.0	10.0	24	14.0
8	12.0	11.0	9.0	9.0	7.0	7.0	6.0	9.0	12.0	12.0	11.0	11.0	7.0	9.0	5.0	1.0	11.0	6.0	13.0	3.0	6.0	6.0	9.0	10.0	24	13.0
9	8.0	9.0	5.0	8.0	12.0	9.0	4.0	3.0	7.0	8.0	11.0	8.0	10.0	7.0	11.0	6.0	7.0	14.0	9.0	11.0	9.0	13.0	14.0	13.0	24	14.0
10	11.0	7.0	9.0	7.0	10.0	5.0	8.0	13.0	15.0	13.0	15.0	11.0	9.0	13.0	9.0	16.0	19.0	8.0	8.0	12.0	13.0	13.0	5.0	7.0	24	19.0
11	7.0	7.0	7.0	8.0	9.0	10.0	10.0	8.0	14.0	18.0	18.0	13.0	12.0	14.0	11.0	12.0	11.0	11.0	9.0	12.0	16.0	11.0	12.0	10.0	24	18.0
12	8.0	9.0	15.0	12.0	13.0	12.0	8.0	11.0	11.0	18.0	13.0	15.0	13.0	12.0	10.0	8.0	11.0	15.0	16.0	17.0	16.0	19.0	16.0	15.0	24	19.0
13	12.0	10.0	9.0	14.0	9.0	8.0	8.0	8.0	13.0	9.0	13.0	13.0	10.0	16.0	15.0	14.0	14.0	9.0	10.0	8.0	11.0	10.0	8.0	9.0	24	16.0
14	8.0	10.0	8.0	9.0	8.0	4.0	4.0	10.0	6.0	10.0	9.0	5.0	11.0	6.0	5.0	4.0	11.0	11.0	9.0	10.0	7.0	7.0	6.0	6.0	24	11.0
15	9.0	5.0	5.0	6.0	6.0	3.0	4.0	2.0	9.0	7.0	6.0	7.0	4.0	9.0	8.0	4.0	9.0	7.0	5.0	9.0	11.0	4.0	6.0	7.0	24	11.0
16	9.0	6.0	4.0	8.0	4.0	6.0	3.0	4.0	14.0	12.0	11.0	11.0	8.0	7.0	6.0	12.0	16.0	8.0	13.0	13.0	8.0	8.0	1.0	4.0	24	16.0
17	5.0	5.0	3.0	5.0	6.0	4.0	3.0	9.0	7.0	8.0	13.0	10.0	12.0	12.0	16.0	12.0	6.0	10.0	8.0	5.0	5.0	9.0	8.0	8.0	24	16.0
18	10.0	6.0	5.0	4.0	4.0	7.0	6.0	6.0	5.0	9.0	16.0	15.0	12.0	12.0	12.0	8.0	17.0	-1.0	7.0	5.0	11.0	9.0	9.0	6.0	24	17.0
19	9.0	9.0	8.0	9.0	8.0	6.0	2.0	7.0	12.0	13.0	12.0	11.0	8.0	7.0	8.0	12.0	13.0	12.0	13.0	8.0	14.0	14.0	15.0	17.0	24	17.0
20	12.0	14.0	14.0	12.0	12.0	10.0	7.0	AX	BA	17.0	13.0	11.0	14.0	11.0	13.0	-5.0	14.0	14.0	11.0	11.0	11.0	12.0	16.0	17.0	22	17.0
21	18.0	17.0	18.0	17.0	13.0	16.0	17.0	11.0	14.0	15.0	13.0	12.0	9.0	6.0	7.0	10.0	15.0	13.0	18.0	16.0	14.0	16.0	15.0	14.0	24	18.0
22	14.0	14.0	16.0	13.0	17.0	17.0	17.0	18.0	17.0	14.0	18.0	18.0	14.0	17.0	14.0	14.0	20.0	5.0	8.0	14.0	13.0	13.0	16.0	14.0	24	20.0
23	14.0	16.0	17.0	16.0	16.0	15.0	17.0	19.0	13.0	10.0	12.0	6.0	12.0	11.0	8.0	13.0	19.0	-5.0	3.0	8.0	9.0	6.0	6.0	3.0	24	19.0
24	5.0	7.0	7.0	7.0	8.0	6.0	7.0	8.0	5.0	9.0	9.0	8.0	10.0	14.0	9.0	9.0	12.0	11.0	13.0	14.0	10.0	9.0	7.0	11.0	24	14.0
25	14.0	13.0	11.0	11.0	11.0	10.0	12.0	12.0	13.0	11.0	15.0	9.0	17.0	17.0	15.0	10.0	11.0	11.0	13.0	10.0	11.0	12.0	15.0	10.0	24	17.0
26	13.0	16.0	11.0	12.0	11.0	10.0	6.0	8.0	8.0	9.0	10.0	7.0	14.0	10.0	14.0	17.0	13.0	10.0	13.0	14.0	12.0	13.0	14.0	12.0	24	17.0
27	16.0	13.0	11.0	12.0	11.0	9.0	11.0	8.0	10.0	12.0	13.0	16.0	14.0	12.0	16.0	17.0	15.0	18.0	26.0	4.0	11.0	9.0	8.0	6.0	24	26.0
28	8.0	12.0	13.0	14.0	12.0	16.0	18.0	14.0	13.0	17.0	12.0	20.0	17.0	11.0	18.0	20.0	15.0	19.0	12.0	5.0	7.0	9.0	7.0	7.0	24	20.0
29	8.0	9.0	12.0	8.0	4.0	7.0	1.0	-1.0	6.0	5.0	1.0	4.0	6.0	6.0	8.0	-3.0	4.0	5.0	6.0	5.0	4.0	8.0	4.0	4.0	24	12.0
30	1.0	5.0	3.0	6.0	7.0	4.0	3.0	3.0	5.0	5.0	7.0	4.0	6.0	1.0	6.0	2.0	5.0	7.0	8.0	3.0	3.0	6.0	6.0	8.0	24	8.0
31	6.0	5.0	5.0	6.0	6.0	6.0	3.0	4.0	12.0	9.0	5.0	5.0	6.0	5.0	6.0	7.0	7.0	7.0	7.0	4.0	6.0	7.0	6.0	5.0	24	12.0
NO.:	31	31	31	31	31	31	31	30	30	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31		
MAX:	18.0	17.0	18.0	17.0	17.0	17.0	18.0	19.0	17.0	18.0	18.0	20.0	17.0	17.0	18.0	20.0	20.0	19.0	29.0	17.0	16.0	19.0	16.0	17.0		
AVG:	9.13	8.97	8.48	8.74	8.42	7.45	6.87	7.67	9.60	10.52	10.71	9.87	9.84	9.37	10.27	9.06	11.45	9.32	10.61	8.55	9.65	9.61	9.42	9.10		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 9.28 MONTHLY MAX: 29.0

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: 37-081-0013 POC: 3
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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

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

DAY	HOUR 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	8.0	9.0	7.0	7.0	6.0	4.0	5.0	11.0	12.0	9.0	10.0	11.0	6.0	11.0	12.0	12.0	10.0	11.0	13.0	19.0	14.0	13.0	14.0	24	19.0
2	17.0	12.0	15.0	13.0	14.0	14.0	15.0	17.0	24.0	AX	BA	18.0	15.0	13.0	17.0	11.0	13.0	16.0	12.0	13.0	12.0	16.0	16.0	17.0	22	24.0
3	13.0	15.0	15.0	17.0	16.0	18.0	20.0	13.0	19.0	17.0	19.0	18.0	14.0	16.0	19.0	15.0	21.0	14.0	19.0	17.0	12.0	14.0	13.0	11.0	24	21.0
4	9.0	5.0	8.0	11.0	8.0	6.0	8.0	13.0	15.0	12.0	14.0	12.0	13.0	8.0	7.0	13.0	7.0	12.0	7.0	4.0	7.0	8.0	10.0	3.0	24	15.0
5	3.0	5.0	3.0	6.0	4.0	9.0	7.0	1.0	9.0	10.0	6.0	5.0	5.0	5.0	1.0	6.0	3.0	6.0	6.0	7.0	4.0	3.0	4.0	4.0	24	10.0
6	2.0	4.0	3.0	7.0	3.0	4.0	2.0	4.0	5.0	6.0	6.0	4.0	9.0	4.0	14.0	8.0	10.0	9.0	11.0	10.0	11.0	12.0	10.0	10.0	24	14.0
7	12.0	9.0	10.0	12.0	20.0	8.0	9.0	10.0	8.0	5.0	6.0	12.0	12.0	13.0	10.0	13.0	11.0	20.0	12.0	10.0	9.0	11.0	12.0	12.0	24	20.0
8	9.0	5.0	10.0	9.0	8.0	25.0	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	6	25.0
9	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	-3.0	8.0	7.0	5.0	2.0	7.0	8.0	6.0	5.0	6.0	5.0	7.0	12	8.0
10	4.0	7.0	6.0	3.0	5.0	8.0	7.0	6.0	2.0	11.0	9.0	10.0	10.0	5.0	9.0	9.0	8.0	7.0	9.0	4.0	7.0	8.0	10.0	8.0	24	11.0
11	9.0	9.0	7.0	10.0	10.0	9.0	13.0	7.0	6.0	9.0	11.0	7.0	10.0	4.0	6.0	11.0	.0	2.0	5.0	8.0	8.0	10.0	5.0	9.0	24	13.0
12	7.0	5.0	5.0	6.0	8.0	10.0	4.0	5.0	7.0	5.0	5.0	8.0	6.0	2.0	4.0	4.0	4.0	6.0	4.0	4.0	3.0	4.0	2.0	3.0	24	10.0
13	9.0	4.0	1.0	3.0	3.0	2.0	2.0	3.0	3.0	9.0	15.0	8.0	14.0	6.0	11.0	7.0	9.0	8.0	9.0	10.0	7.0	10.0	11.0	10.0	24	15.0
14	8.0	8.0	10.0	9.0	8.0	10.0	10.0	9.0	14.0	15.0	17.0	18.0	14.0	5.0	11.0	12.0	9.0	11.0	7.0	7.0	5.0	6.0	5.0	10.0	24	18.0
15	14.0	7.0	3.0	-2.0	.0	5.0	1.0	4.0	-3.0	4.0	10.0	10.0	7.0	10.0	6.0	3.0	1.0	1.0	7.0	6.0	8.0	3.0	5.0	8.0	24	14.0
16	2.0	4.0	3.0	2.0	6.0	4.0	2.0	2.0	11.0	10.0	11.0	7.0	13.0	11.0	11.0	10.0	7.0	10.0	8.0	11.0	9.0	8.0	12.0	13.0	24	13.0
17	9.0	9.0	8.0	9.0	7.0	9.0	9.0	8.0	17.0	13.0	10.0	11.0	5.0	8.0	7.0	7.0	11.0	9.0	10.0	13.0	14.0	9.0	11.0	7.0	24	17.0
18	11.0	13.0	8.0	10.0	13.0	12.0	13.0	12.0	16.0	12.0	11.0	11.0	7.0	6.0	6.0	9.0	5.0	9.0	11.0	8.0	1.0	3.0	5.0	3.0	24	16.0
19	1.0	2.0	7.0	6.0	3.0	6.0	2.0	3.0	10.0	7.0	5.0	11.0	7.0	11.0	12.0	8.0	7.0	11.0	8.0	8.0	12.0	11.0	8.0	11.0	24	12.0
20	12.0	11.0	10.0	12.0	10.0	7.0	6.0	6.0	13.0	14.0	9.0	7.0	9.0	9.0	10.0	7.0	14.0	12.0	12.0	12.0	10.0	14.0	13.0	11.0	24	14.0
21	11.0	12.0	11.0	12.0	15.0	15.0	8.0	7.0	16.0	17.0	18.0	12.0	19.0	17.0	1.0	20.0	17.0	15.0	12.0	11.0	11.0	11.0	10.0	13.0	24	20.0
22	13.0	12.0	14.0	13.0	15.0	11.0	11.0	9.0	13.0	17.0	17.0	AZ	7.0	18.0	13.0	16.0	15.0	15.0	15.0	13.0	16.0	12.0	11.0	12.0	23	18.0
23	11.0	9.0	11.0	9.0	10.0	12.0	11.0	11.0	15.0	21.0	15.0	12.0	17.0	11.0	4.0	7.0	4.0	13.0	5.0	4.0	5.0	6.0	8.0	10.0	24	21.0
24	9.0	9.0	14.0	11.0	9.0	10.0	4.0	5.0	8.0	10.0	8.0	6.0	8.0	10.0	10.0	8.0	17.0	10.0	6.0	14.0	13.0	12.0	12.0	9.0	24	17.0
25	12.0	10.0	9.0	8.0	11.0	11.0	8.0	5.0	9.0	8.0	8.0	11.0	10.0	9.0	11.0	9.0	9.0	12.0	9.0	12.0	10.0	11.0	13.0	8.0	24	13.0
26	10.0	13.0	14.0	11.0	8.0	15.0	9.0	12.0	12.0	10.0	12.0	12.0	9.0	11.0	12.0	7.0	15.0	8.0	14.0	11.0	14.0	10.0	13.0	14.0	24	15.0
27	13.0	11.0	11.0	10.0	9.0	9.0	7.0	7.0	5.0	10.0	8.0	9.0	10.0	6.0	10.0	4.0	5.0	10.0	8.0	5.0	9.0	7.0	9.0	9.0	24	13.0
28	6.0	6.0	8.0	10.0	9.0	9.0	8.0	4.0	4.0	11.0	7.0	7.0	8.0	9.0	13.0	7.0	7.0	8.0	9.0	9.0	9.0	7.0	4.0	7.0	24	13.0
29	9.0	7.0	5.0	-2.0	1.0	4.0	3.0	.0	6.0	5.0	4.0	4.0	3.0	2.0	5.0	1.0	4.0	5.0	1.0	3.0	6.0	1.0	3.0	1.0	24	9.0
30	.0	-1.0	.0	3.0	3.0	2.0	1.0	2.0	.0	2.0	6.0	3.0	5.0	8.0	10.0	6.0	9.0	10.0	8.0	8.0	9.0	9.0	10.0	5.0	24	10.0
31	7.0	8.0	7.0	9.0	7.0	11.0	6.0	6.0	9.0	1.0	1.0	8.0	-2.0	8.0	7.0	5.0	3.0	.0	3.0	3.0	7.0	9.0	7.0	3.0	24	11.0
NO.:	30	30	30	30	30	30	29	29	29	28	28	28	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	17.0	15.0	15.0	17.0	20.0	25.0	20.0	17.0	24.0	21.0	19.0	18.0	19.0	18.0	19.0	20.0	21.0	20.0	19.0	17.0	19.0	16.0	16.0	17.0		
AVG:	8.77	7.93	8.17	8.13	8.33	9.37	7.24	6.76	9.79	10.11	9.89	9.68	9.07	8.63	9.17	8.67	8.63	9.53	8.87	8.80	9.07	8.83	9.00	8.73		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: 8.79 MONTHLY MAX: 25.0

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: 37-081-0013 POC: 3
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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	7.0	3.0	5.0	3.0	6.0	7.0	6.0	6.0	8.0	11.0	5.0	6.0	9.0	11.0	.0	.0	4.0	3.0	4.0	7.0	4.0	8.0	5.0	7.0	24	11.0
2	6.0	.0	2.0	3.0	1.0	-1.0	.0	2.0	2.0	4.0	3.0	8.0	4.0	3.0	6.0	4.0	4.0	5.0	8.0	6.0	7.0	6.0	4.0	7.0	24	8.0
3	7.0	7.0	4.0	4.0	2.0	.0	1.0	6.0	5.0	6.0	8.0	.0	5.0	6.0	5.0	7.0	9.0	11.0	9.0	5.0	10.0	13.0	16.0	13.0	24	16.0
4	10.0	14.0	11.0	10.0	8.0	6.0	5.0	4.0	14.0	15.0	15.0	13.0	11.0	13.0	15.0	13.0	12.0	14.0	11.0	14.0	16.0	16.0	16.0	16.0	24	16.0
5	14.0	13.0	12.0	13.0	10.0	13.0	8.0	11.0	15.0	11.0	15.0	11.0	11.0	14.0	15.0	16.0	16.0	19.0	15.0	12.0	13.0	11.0	9.0	11.0	24	19.0
6	13.0	10.0	14.0	10.0	11.0	14.0	8.0	7.0	12.0	12.0	10.0	13.0	11.0	3.0	2.0	3.0	4.0	6.0	6.0	8.0	9.0	5.0	13.0	12.0	24	14.0
7	7.0	2.0	8.0	5.0	7.0	5.0	4.0	2.0	7.0	AX	BA	9.0	4.0	5.0	4.0	6.0	8.0	6.0	5.0	5.0	9.0	10.0	11.0	8.0	22	11.0
8	9.0	6.0	10.0	4.0	4.0	4.0	4.0	-2.0	3.0	8.0	4.0	6.0	1.0	3.0	7.0	5.0	1.0	8.0	4.0	6.0	23.0	12.0	6.0	12.0	24	23.0
9	4.0	6.0	6.0	3.0	6.0	4.0	4.0	5.0	9.0	6.0	6.0	9.0	4.0	7.0	4.0	9.0	3.0	9.0	6.0	2.0	5.0	6.0	7.0	6.0	24	9.0
10	9.0	5.0	3.0	7.0	2.0	6.0	.0	2.0	9.0	4.0	4.0	3.0	1.0	3.0	3.0	6.0	1.0	4.0	3.0	3.0	2.0	4.0	5.0	3.0	24	9.0
11	4.0	5.0	4.0	6.0	4.0	3.0	3.0	3.0	3.0	5.0	2.0	6.0	7.0	4.0	3.0	7.0	7.0	3.0	5.0	2.0	2.0	2.0	4.0	4.0	24	7.0
12	5.0	6.0	4.0	4.0	7.0	5.0	3.0	2.0	3.0	1.0	-3.0	3.0	3.0	3.0	.0	4.0	5.0	8.0	4.0	7.0	7.0	7.0	5.0	7.0	24	8.0
13	8.0	8.0	5.0	5.0	1.0	5.0	3.0	4.0	7.0	6.0	8.0	8.0	10.0	9.0	4.0	9.0	4.0	5.0	6.0	9.0	6.0	11.0	7.0	8.0	24	11.0
14	10.0	8.0	7.0	7.0	9.0	12.0	11.0	9.0	8.0	10.0	13.0	12.0	16.0	14.0	14.0	11.0	13.0	15.0	15.0	16.0	15.0	16.0	13.0	11.0	24	16.0
15	12.0	11.0	6.0	9.0	9.0	8.0	5.0	2.0	8.0	8.0	5.0	5.0	3.0	7.0	1.0	9.0	5.0	6.0	3.0	4.0	9.0	8.0	4.0	6.0	24	12.0
16	8.0	6.0	3.0	7.0	3.0	4.0	3.0	-2.0	7.0	10.0	6.0	4.0	5.0	6.0	12.0	5.0	6.0	8.0	5.0	6.0	8.0	6.0	6.0	9.0	24	12.0
17	7.0	9.0	7.0	7.0	4.0	6.0	6.0	6.0	7.0	7.0	9.0	8.0	12.0	8.0	8.0	10.0	5.0	10.0	5.0	7.0	9.0	9.0	9.0	6.0	24	12.0
18	9.0	5.0	8.0	8.0	8.0	7.0	6.0	12.0	9.0	10.0	10.0	7.0	9.0	14.0	9.0	7.0	9.0	8.0	8.0	7.0	7.0	7.0	11.0	14.0	24	14.0
19	7.0	11.0	11.0	9.0	6.0	11.0	8.0	6.0	8.0	AX	BA	8.0	9.0	11.0	9.0	11.0	11.0	13.0	11.0	15.0	12.0	10.0	13.0	7.0	22	15.0
20	11.0	11.0	10.0	11.0	13.0	14.0	17.0	9.0	15.0	16.0	14.0	13.0	11.0	11.0	11.0	7.0	10.0	11.0	11.0	12.0	11.0	13.0	10.0	12.0	24	17.0
21	9.0	9.0	9.0	4.0	9.0	2.0	6.0	3.0	9.0	8.0	10.0	7.0	11.0	12.0	6.0	9.0	7.0	9.0	10.0	13.0	12.0	10.0	11.0	13.0	24	13.0
22	11.0	10.0	11.0	11.0	10.0	8.0	10.0	10.0	16.0	15.0	14.0	13.0	10.0	15.0	8.0	14.0	11.0	9.0	10.0	14.0	15.0	10.0	11.0	11.0	24	16.0
23	13.0	17.0	14.0	12.0	11.0	11.0	10.0	8.0	13.0	13.0	13.0	13.0	11.0	7.0	5.0	8.0	11.0	8.0	6.0	10.0	10.0	9.0	13.0	12.0	24	17.0
24	9.0	9.0	9.0	10.0	11.0	9.0	5.0	4.0	7.0	7.0	7.0	6.0	7.0	2.0	10.0	5.0	6.0	9.0	8.0	9.0	7.0	8.0	2.0	11.0	24	11.0
25	6.0	9.0	8.0	5.0	8.0	7.0	7.0	6.0	5.0	10.0	12.0	10.0	7.0	9.0	7.0	14.0	11.0	8.0	11.0	8.0	11.0	12.0	15.0	11.0	24	15.0
26	10.0	9.0	10.0	10.0	11.0	11.0	8.0	5.0	8.0	6.0	4.0	6.0	8.0	9.0	7.0	9.0	10.0	6.0	7.0	5.0	4.0	6.0	11.0	8.0	24	11.0
27	7.0	5.0	5.0	6.0	5.0	2.0	2.0	-1.0	11.0	7.0	12.0	9.0	7.0	11.0	6.0	7.0	7.0	6.0	9.0	10.0	10.0	9.0	8.0	10.0	24	12.0
28	12.0	10.0	6.0	12.0	10.0	10.0	10.0	4.0	14.0	14.0	12.0	15.0	12.0	17.0	14.0	17.0	13.0	14.0	12.0	9.0	10.0	8.0	7.0	9.0	24	17.0
29	6.0	5.0	4.0	6.0	2.0	7.0	3.0	6.0	4.0	8.0	4.0	.0	4.0	7.0	2.0	6.0	8.0	8.0	9.0	9.0	14.0	16.0	14.0	11.0	24	16.0
30	9.0	11.0	8.0	3.0	5.0	5.0	2.0	-5.0	6.0	6.0	8.0	4.0	3.0	3.0	1.0	7.0	3.0	4.0	1.0	3.0	1.0	5.0	3.0	2.0	24	11.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	28	28	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	14.0	17.0	14.0	13.0	13.0	14.0	17.0	12.0	16.0	16.0	15.0	15.0	16.0	17.0	15.0	17.0	16.0	19.0	15.0	16.0	23.0	16.0	16.0	16.0		
AVG:	8.63	8.00	7.47	7.13	6.77	6.83	5.60	4.47	8.40	8.71	8.21	7.83	7.53	8.23	6.60	8.17	7.47	8.43	7.57	8.10	9.27	9.10	8.97	9.23		

MONTHLY OBSERVATIONS: 716 MONTHLY MEAN: 7.78 MONTHLY MAX: 23.0

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-081-0013 POC: 3
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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

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

DAY	HOUR 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	3.0	2.0	3.0	2.0	7.0	4.0	5.0	.0	6.0	6.0	2.0	1.0	2.0	3.0	5.0	6.0	7.0	3.0	5.0	5.0	8.0	9.0	4.0	6.0	24	9.0
2	6.0	2.0	6.0	5.0	5.0	4.0	1.0	.0	4.0	8.0	6.0	4.0	9.0	6.0	9.0	8.0	5.0	1.0	4.0	4.0	5.0	9.0	7.0	5.0	24	9.0
3	4.0	3.0	4.0	8.0	7.0	6.0	5.0	1.0	8.0	6.0	8.0	10.0	7.0	5.0	6.0	9.0	6.0	2.0	5.0	5.0	6.0	4.0	6.0	1.0	24	10.0
4	5.0	3.0	6.0	8.0	8.0	7.0	7.0	2.0	6.0	10.0	8.0	7.0	6.0	4.0	11.0	5.0	11.0	3.0	5.0	7.0	10.0	11.0	9.0	9.0	24	11.0
5	10.0	7.0	11.0	8.0	6.0	8.0	5.0	1.0	7.0	14.0	9.0	9.0	6.0	10.0	5.0	7.0	9.0	6.0	6.0	6.0	9.0	10.0	11.0	10.0	24	14.0
6	10.0	7.0	6.0	8.0	3.0	4.0	.0	5.0	7.0	10.0	6.0	7.0	9.0	9.0	8.0	8.0	11.0	11.0	2.0	5.0	8.0	9.0	13.0	12.0	24	13.0
7	10.0	11.0	12.0	9.0	9.0	9.0	3.0	8.0	8.0	12.0	10.0	5.0	1.0	4.0	10.0	7.0	6.0	8.0	7.0	2.0	4.0	4.0	4.0	1.0	24	12.0
8	9.0	8.0	9.0	10.0	7.0	4.0	4.0	6.0	6.0	6.0	6.0	9.0	9.0	12.0	10.0	4.0	12.0	8.0	3.0	4.0	4.0	4.0	4.0	3.0	24	12.0
9	6.0	6.0	3.0	4.0	5.0	5.0	4.0	5.0	5.0	5.0	4.0	7.0	5.0	7.0	11.0	7.0	9.0	4.0	5.0	6.0	8.0	7.0	9.0	4.0	24	11.0
10	6.0	7.0	9.0	11.0	14.0	13.0	11.0	8.0	11.0	8.0	10.0	10.0	13.0	11.0	6.0	11.0	14.0	8.0	10.0	10.0	10.0	16.0	11.0	10.0	24	16.0
11	12.0	12.0	10.0	8.0	7.0	12.0	10.0	12.0	18.0	14.0	17.0	12.0	14.0	10.0	9.0	15.0	12.0	7.0	10.0	8.0	12.0	13.0	13.0	13.0	24	18.0
12	11.0	8.0	11.0	10.0	10.0	7.0	10.0	9.0	12.0	11.0	12.0	12.0	13.0	7.0	11.0	8.0	5.0	10.0	3.0	6.0	3.0	2.0	.0	.0	24	13.0
13	-4.0	2.0	5.0	1.0	1.0	2.0	3.0	3.0	-1.0	4.0	3.0	6.0	7.0	5.0	6.0	5.0	8.0	9.0	8.0	8.0	8.0	7.0	9.0	7.0	24	9.0
14	5.0	4.0	5.0	3.0	5.0	5.0	3.0	6.0	4.0	5.0	1.0	5.0	1.0	7.0	9.0	10.0	15.0	16.0	14.0	13.0	13.0	17.0	15.0	13.0	24	17.0
15	12.0	17.0	12.0	14.0	14.0	11.0	14.0	13.0	10.0	11.0	15.0	16.0	7.0	14.0	13.0	10.0	9.0	10.0	8.0	7.0	12.0	8.0	5.0	9.0	24	17.0
16	8.0	9.0	9.0	11.0	11.0	2.0	3.0	1.0	.0	1.0	-1.0	4.0	4.0	7.0	-7.0MD	10.0	6.0	1.0	1.0	2.0	2.0	5.0	3.0	3.0	24	11.0
17	3.0	3.0	2.0	3.0	1.0	3.0	2.0	AX	BA	7.0	2.0	6.0	1.0	6.0	5.0	6.0	9.0	.0	6.0	9.0	6.0	6.0	9.0	7.0	22	9.0
18	4.0	2.0	5.0	4.0	7.0	5.0	2.0	-5.0	7.0	6.0	5.0	5.0	5.0	4.0	4.0	3.0	8.0	3.0	8.0	6.0	12.0	9.0	8.0	10.0	24	12.0
19	9.0	8.0	8.0	2.0	8.0	10.0	7.0	3.0	20.0	11.0	3.0	5.0	8.0	5.0	6.0	2.0	13.0	4.0	4.0	11.0	17.0	15.0	13.0	14.0	24	20.0
20	14.0	10.0	4.0	8.0	7.0	9.0	4.0	-2.0	8.0	8.0	7.0	6.0	7.0	3.0	4.0	7.0	13.0	4.0	7.0	11.0	14.0	10.0	14.0	14.0	24	14.0
21	13.0	12.0	8.0	11.0	10.0	12.0	11.0	2.0	11.0	10.0	14.0	13.0	10.0	12.0	11.0	11.0	17.0	12.0	42.0 V	50.0 V	48.0 V	39.0	23.0	21.0	24	50.0
22	20.0	18.0	21.0	19.0	18.0	23.0	18.0	10.0	16.0	14.0	12.0	11.0	6.0	10.0	10.0	7.0	6.0	4.0	3.0	11.0	13.0	16.0	10.0	9.0	24	23.0
23	9.0	7.0	6.0	6.0	10.0	8.0	7.0	4.0	8.0	2.0	3.0	1.0	8.0	4.0	4.0	6.0	6.0	10.0	5.0	-8.0MD	2.0	7.0	2.0	2.0	24	10.0
24	7.0	1.0	5.0	-1.0	9.0	9.0	8.0	10.0	11.0	8.0	4.0	9.0	4.0	6.0	5.0	7.0	8.0	5.0	6.0	6.0	2.0	7.0	4.0	8.0	24	11.0
25	4.0	4.0	5.0	2.0	4.0	3.0	5.0	-4.0	4.0	8.0	7.0	.0	3.0	4.0	2.0	8.0	8.0	4.0	5.0	4.0	6.0	5.0	5.0	2.0	24	8.0
26	5.0	3.0	6.0	7.0	6.0	5.0	5.0	.0	7.0	7.0	5.0	5.0	4.0	3.0	2.0	4.0	8.0	3.0	3.0	8.0	11.0	16.0	16.0	9.0	24	16.0
27	8.0	10.0	4.0	7.0	4.0	7.0	9.0	.0	15.0	14.0	11.0	8.0	10.0	8.0	10.0	10.0	11.0	6.0	10.0	21.0	22.0	19.0	20.0	12.0	24	22.0
28	13.0	9.0	7.0	10.0	9.0	8.0	7.0	7.0	7.0	9.0	6.0	11.0	2.0	6.0	3.0	3.0	2.0	4.0	6.0	6.0	7.0	7.0	5.0	5.0	24	13.0
29	4.0	2.0	3.0	5.0	5.0	3.0	6.0	4.0	7.0	8.0	8.0	-3.0	.0	-1.0	2.0	.0	5.0	.0	1.0	2.0	2.0	2.0	2.0	2.0	24	8.0
30	2.0	.0	2.0	.0	3.0	3.0	1.0	-5.0	5.0	AX	BA	3.0	4.0	5.0	7.0	4.0	9.0	5.0	7.0	16.0	11.0	12.0	9.0	7.0	22	16.0
31	9.0	8.0	4.0	4.0	7.0	10.0	6.0	4.0	10.0	9.0	9.0	10.0	9.0	11.0	10.0	7.0	16.0	8.0	12.0	17.0	14.0	13.0	16.0	16.0	24	17.0
NO.:	31	31	31	31	31	31	31	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	20.0	18.0	21.0	19.0	18.0	23.0	18.0	13.0	20.0	14.0	17.0	16.0	14.0	14.0	13.0	15.0	17.0	16.0	42.0	50.0	48.0	39.0	23.0	21.0		
AVG:	7.65	6.61	6.81	6.68	7.32	7.13	6.00	3.60	8.23	8.40	7.07	6.90	6.26	6.68	6.68	6.94	9.16	5.77	7.13	8.65	9.97	10.26	9.00	7.87		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 7.37 MONTHLY MAX: 50.0

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: 37-081-0013 POC: 3
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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

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

DAY	HOUR 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	15.0	15.0	14.0	13.0	13.0	13.0	12.0	10.0	15.0	9.0	16.0	11.0	17.0	14.0	8.0	8.0	8.0	9.0	11.0	7.0	11.0	20.0	18.0	18.0	24	20.0
2	16.0	14.0	15.0	13.0	11.0	10.0	14.0	11.0	10.0	17.0	9.0	5.0	8.0	4.0	7.0	5.0	9.0	10.0	10.0	10.0	14.0	18.0	18.0	19.0	24	19.0
3	15.0	16.0	13.0	11.0	17.0	11.0	8.0	8.0	8.0	14.0	16.0	10.0	9.0	7.0	7.0	9.0	15.0	9.0	10.0	16.0	10.0	7.0	10.0	6.0	24	17.0
4	7.0	3.0	6.0	7.0	9.0	11.0	13.0	5.0	7.0	5.0	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	10	13.0
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	0	
6	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	-2.0	12.0	6.0	15.0	8.0	10.0	10.0	13.0	11.0	13.0	12.0	9.0	12	15.0
7	9.0	8.0	11.0	7.0	7.0	8.0	8.0	13.0	11.0	11.0	8.0	1.0	4.0	-1.0	.0	4.0	1.0	4.0	2.0	2.0	3.0	-1.0	-3.0	1.0	24	13.0
8	.0	2.0	1.0	.0	-1.0	2.0	3.0	.0	1.0	-4.0	3.0	2.0	4.0	5.0	1.0	1.0	1.0	1.0	1.0	.0	-1.0	.0	-1.0	1.0	24	5.0
9	1.0	.0	-1.0	.0	.0	2.0	-2.0	2.0	-2.0	-4.0	2.0	.0	.0	.0	-1.0	2.0	-1.0	-1.0	-1.0	-2.0	.0	-1.0	.0	2.0	24	2.0
10	-4.0	-1.0	.0	3.0	3.0	2.0	3.0	.0	4.0	9.0	7.0	5.0	6.0	8.0	7.0	4.0	8.0	7.0	7.0	2.0	4.0	8.0	3.0	2.0	24	9.0
11	2.0	-1.0	-3.0	2.0	.0	3.0	-1.0	2.0	2.0	3.0	5.0	1.0	4.0	4.0	9.0	6.0	9.0	6.0	14.0	17.0	21.0	15.0	22.0	19.0	24	22.0
12	20.0	13.0	16.0	13.0	10.0	15.0	15.0	14.0	11.0	13.0	10.0	8.0	9.0	10.0	10.0	11.0	12.0	15.0	14.0	15.0	13.0	9.0	7.0	2.0	24	20.0
13	8.0	7.0	5.0	9.0	6.0	7.0	6.0	2.0	5.0	7.0	4.0	3.0	10.0	-1.0	.0	4.0	4.0	4.0	4.0	2.0	4.0	7.0	8.0	3.0	24	10.0
14	3.0	8.0	9.0	10.0	7.0	11.0	11.0	10.0	8.0	11.0	8.0	7.0	7.0	7.0	8.0	5.0	5.0	5.0	3.0	7.0	6.0	6.0	8.0	8.0	24	11.0
15	7.0	8.0	4.0	6.0	10.0	9.0	9.0	6.0	4.0	7.0	7.0	8.0	7.0	5.0	7.0	10.0	8.0	2.0	10.0	13.0	12.0	19.0	21.0	19.0	24	21.0
16	12.0	16.0	15.0	12.0	8.0	10.0	10.0	8.0	10.0	11.0	AX	BA	1.0	2.0	-1.0	3.0	2.0	2.0	1.0	-1.0	3.0	4.0	8.0	4.0	22	16.0
17	5.0	.0	.0	5.0	5.0	2.0	1.0	.0	5.0	2.0	5.0	2.0	4.0	4.0	2.0	7.0	12.0	5.0	6.0	9.0	10.0	23.0	34.0	41.0	24	41.0
18	22.0	15.0	14.0	11.0	8.0	10.0	11.0	7.0	4.0	9.0	7.0	13.0	12.0	14.0	12.0	7.0	7.0	11.0	11.0	7.0	9.0	9.0	7.0	8.0	24	22.0
19	7.0	11.0	5.0	1.0	4.0	-4.0	-2.0	-2.0	1.0	1.0	1.0	.0	-1.0	1.0	.0	1.0	4.0	-4.0	1.0	5.0	2.0	9.0	2.0	14.0	24	14.0
20	9.0	3.0	5.0	2.0	5.0	3.0	6.0	2.0	1.0	11.0	3.0	3.0	1.0	4.0	3.0	6.0	3.0	1.0	11.0	13.0	16.0	23.0	17.0	19.0	24	23.0
21	11.0	10.0	9.0	9.0	11.0	7.0	5.0	7.0	5.0	11.0	1.0	1.0	11.0	5.0	4.0	3.0	10.0	4.0	13.0	18.0	10.0	8.0	19.0	13.0	24	19.0
22	12.0	12.0	8.0	8.0	6.0	10.0	9.0	4.0	3.0	8.0	7.0	6.0	6.0	5.0	11.0	8.0	10.0	1.0	2.0	2.0	3.0	3.0	6.0	2.0	24	12.0
23	3.0	5.0	6.0	3.0	3.0	6.0	9.0	.0	5.0	3.0	2.0	7.0	10.0	7.0	2.0	9.0	12.0	10.0	30.0	37.0	39.0	47.0	36.0	35.0	24	47.0
24	22.0	20.0	25.0	21.0	15.0	14.0	16.0	11.0	12.0	21.0	9.0	11.0	12.0	13.0	8.0	9.0	15.0	9.0	14.0	12.0	21.0	27.0	40.0	43.0	24	43.0
25	34.0	28.0	27.0	20.0	21.0	17.0	19.0	10.0	10.0	15.0	18.0	16.0	9.0	6.0	10.0	7.0	10.0	13.0	13.0	14.0	16.0	14.0	14.0	17.0	24	34.0
26	16.0	6.0	9.0	8.0	9.0	7.0	5.0	.0	.0	6.0	.0	.0	5.0	4.0	2.0	4.0	10.0	1.0	8.0	2.0	6.0	10.0	4.0	4.0	24	16.0
27	5.0	6.0	6.0	8.0	5.0	10.0	5.0	-1.0	-3.0	9.0	6.0	-1.0	1.0	2.0	1.0	4.0	3.0	3.0	4.0	6.0	13.0	18.0	18.0	22.0	24	22.0
28	21.0	12.0	14.0	16.0	11.0	11.0	14.0	5.0	2.0	16.0	15.0	6.0	7.0	4.0	6.0	6.0	9.0	7.0	7.0	11.0	11.0	19.0	20.0	22.0	24	22.0
29	19.0	15.0	15.0	15.0	11.0	11.0	12.0	8.0	4.0	13.0	7.0	AZ	BA	5.0	8.0	7.0	12.0	10.0	10.0	11.0	15.0	20.0	22.0	19.0	22	22.0
30	12.0	12.0	11.0	12.0	8.0	9.0	12.0	13.0	3.0	13.0	11.0	11.0	9.0	15.0	15.0	12.0	10.0	14.0	13.0	11.0	12.0	20.0	21.0	14.0	24	21.0
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	28	26	25	27	28	28	28	28	28	28	28	28	28	28	28		
MAX:	34.0	28.0	27.0	21.0	21.0	17.0	19.0	14.0	15.0	21.0	18.0	16.0	17.0	15.0	15.0	15.0	15.0	15.0	30.0	37.0	39.0	47.0	40.0	43.0		
AVG:	11.04	9.39	9.25	8.75	7.93	8.11	8.25	5.54	5.21	8.82	7.19	5.44	6.30	5.89	5.43	6.32	7.71	6.00	8.54	9.25	10.50	13.36	13.96	13.79		

MONTHLY OBSERVATIONS: 666 MONTHLY MEAN: 8.44 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-081-0013 POC: 3
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: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2017

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

DAY	HOUR 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	16.0	17.0	16.0	16.0	12.0	12.0	14.0	11.0	8.0	8.0	5.0	6.0	4.0	6.0	8.0	5.0	5.0	7.0	10.0	8.0	10.0	8.0	10.0	10.0	24	17.0
2	12.0	11.0	12.0	10.0	11.0	11.0	10.0	11.0	11.0	9.0	7.0	11.0	10.0	13.0	8.0	6.0	8.0	12.0	11.0	16.0	15.0	18.0	24.0	26.0	24	26.0
3	24.0	25.0	21.0	19.0	18.0	19.0	17.0	18.0	13.0	21.0	18.0	9.0	6.0	6.0	2.0	6.0	13.0	7.0	9.0	10.0	14.0	12.0	17.0	18.0	24	25.0
4	16.0	13.0	13.0	14.0	13.0	17.0	12.0	11.0	9.0	17.0	13.0	9.0	12.0	6.0	9.0	10.0	5.0	7.0	8.0	8.0	10.0	12.0	9.0	13.0	24	17.0
5	13.0	14.0	16.0	10.0	13.0	12.0	15.0	13.0	11.0	AX	BA	14.0	12.0	14.0	7.0	13.0	13.0	9.0	11.0	10.0	4.0	5.0	1.0	2.0	22	16.0
6	6.0	4.0	3.0	7.0	9.0	.0	2.0	-1.0	1.0	.0	3.0	1.0	1.0	5.0	3.0	.0	3.0	-1.0	1.0	4.0	5.0	9.0	11.0	7.0	24	11.0
7	1.0	2.0	2.0	4.0	4.0	.0	3.0	3.0	.0	3.0	4.0	4.0	1.0	-1.0	8.0	4.0	3.0	3.0	3.0	10.0	7.0	11.0	10.0	7.0	24	11.0
8	7.0	11.0	8.0	9.0	11.0	8.0	7.0	5.0	6.0	6.0	10.0	5.0	8.0	3.0	7.0	8.0	2.0	4.0	7.0	2.0	.0	2.0	3.0	2.0	24	11.0
9	.0	2.0	3.0	-1.0	1.0	2.0	2.0	2.0	2.0	3.0	1.0	1.0	3.0	6.0	8.0	7.0	9.0	9.0	8.0	9.0	6.0	9.0	9.0	7.0	24	9.0
10	6.0	3.0	2.0	3.0	4.0	-3.0	4.0	1.0	-1.0	4.0	4.0	7.0	2.0	2.0	2.0	5.0	8.0	6.0	9.0	14.0	16.0	18.0	17.0	15.0	24	18.0
11	15.0	11.0	14.0	11.0	10.0	10.0	7.0	10.0	6.0	18.0	10.0	7.0	5.0	5.0	7.0	.0	8.0	7.0	4.0	7.0	10.0	5.0	9.0	7.0	24	18.0
12	6.0	6.0	9.0	8.0	8.0	9.0	13.0	6.0	9.0	9.0	9.0	3.0	10.0	-1.0	.0	6.0	2.0	1.0	-2.0	-2.0	3.0	3.0	5.0	3.0	24	13.0
13	1.0	1.0	1.0	2.0	-2.0	5.0	3.0	-1.0	-5.0	-1.0	1.0	1.0	1.0	-1.0	1.0	4.0	-1.0	.0	4.0	5.0	6.0	4.0	4.0	3.0	24	6.0
14	2.0	3.0	2.0	3.0	4.0	2.0	6.0	2.0	.0	5.0	6.0	5.0	4.0	7.0	4.0	8.0	9.0	5.0	8.0	6.0	3.0	7.0	5.0	8.0	24	9.0
15	7.0	8.0	8.0	5.0	6.0	8.0	7.0	4.0	8.0	9.0	11.0	11.0	8.0	17.0	10.0	6.0	9.0	11.0	15.0	12.0	15.0	7.0	8.0	9.0	24	17.0
16	6.0	8.0	5.0	9.0	9.0	4.0	7.0	4.0	-1.0	12.0	7.0	8.0	6.0	11.0	11.0	6.0	7.0	8.0	12.0	15.0	19.0	24.0	25.0	26.0	24	26.0
17	19.0	20.0	14.0	16.0	14.0	18.0	17.0	15.0	14.0	19.0	19.0	14.0	21.0	13.0	14.0	16.0	13.0	16.0	16.0	31.0	32.0	21.0	22.0	17.0	24	32.0
18	16.0	18.0	17.0	18.0	13.0	16.0	15.0	14.0	15.0	22.0	12.0	16.0	14.0	15.0	10.0	12.0	14.0	12.0	14.0	14.0	19.0	21.0	17.0	20.0	24	22.0
19	22.0	16.0	17.0	15.0	17.0	15.0	11.0	10.0	12.0	16.0	5.0	9.0	7.0	10.0	5.0	6.0	5.0	8.0	7.0	4.0	11.0	11.0	10.0	14.0	24	22.0
20	9.0	10.0	13.0	8.0	9.0	2.0	3.0	7.0	6.0	7.0	7.0	5.0	7.0	5.0	3.0	6.0	5.0	5.0	2.0	3.0	8.0	6.0	9.0	9.0	24	13.0
21	4.0	1.0	3.0	7.0	9.0	11.0	12.0	9.0	.0	AX	BA	11.0	11.0	9.0	12.0	10.0	9.0	7.0	6.0	6.0	10.0	9.0	13.0	9.0	22	13.0
22	8.0	11.0	8.0	6.0	4.0	11.0	9.0	6.0	10.0	9.0	11.0	6.0	6.0	13.0	8.0	11.0	3.0	9.0	9.0	11.0	13.0	11.0	16.0	14.0	24	16.0
23	12.0	13.0	14.0	13.0	12.0	11.0	11.0	13.0	6.0	8.0	5.0	9.0	4.0	8.0	5.0	10.0	2.0	7.0	5.0	7.0	7.0	4.0	2.0	.0	24	14.0
24	.0	3.0	1.0	3.0	3.0	-3.0	1.0	-1.0	-5.0	7.0	-1.0	2.0	3.0	3.0	.0	.0	2.0	3.0	3.0	4.0	4.0	7.0	7.0	8.0	24	8.0
25	8.0	4.0	3.0	-1.0	-1.0	-1.0	-1.0	3.0	3.0	2.0	1.0	.0	3.0	4.0	1.0	3.0	1.0	1.0	4.0	5.0	4.0	1.0	5.0	2.0	24	8.0
26	-2.0	2.0	.0	.0	4.0	6.0	2.0	3.0	.0	.0	5.0	4.0	2.0	10.0	1.0	6.0	6.0	4.0	8.0	10.0	12.0	20.0	18.0	12.0	24	20.0
27	14.0	16.0	10.0	12.0	7.0	9.0	6.0	6.0	3.0	6.0	2.0	5.0	2.0	4.0	3.0	-1.0	8.0	2.0	3.0	6.0	3.0	3.0	4.0	4.0	24	16.0
28	5.0	4.0	4.0	2.0	1.0	5.0	1.0	3.0	-1.0	5.0	7.0	6.0	2.0	8.0	10.0	4.0	11.0	3.0	5.0	6.0	3.0	7.0	12.0	9.0	24	12.0
29	11.0	6.0	5.0	10.0	6.0	8.0	11.0	7.0	8.0	7.0	9.0	10.0	13.0	9.0	18.0	10.0	11.0	10.0	14.0	23.0	23.0	26.0	38.0	39.0	24	39.0
30	31.0	24.0	18.0	17.0	16.0	19.0	19.0	16.0	17.0	16.0	14.0	20.0	13.0	11.0	8.0	8.0	5.0	.0	5.0	12.0	13.0	21.0	5.0	10.0	24	31.0
31	5.0	4.0	4.0	6.0	5.0	7.0	1.0	5.0	5.0	5.0	4.0	3.0	4.0	4.0	5.0	7.0	5.0	3.0	5.0	4.0	.0	5.0	1.0	6.0	24	7.0
NO.:	31	31	31	31	31	31	31	31	31	29	29	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	31.0	25.0	21.0	19.0	18.0	19.0	19.0	18.0	17.0	22.0	19.0	20.0	21.0	17.0	18.0	16.0	14.0	16.0	16.0	31.0	32.0	26.0	38.0	39.0		
AVG:	9.68	9.39	8.58	8.42	8.06	8.06	7.97	6.94	5.48	8.69	7.21	7.16	6.61	7.23	6.39	6.52	6.55	5.97	7.23	9.03	9.84	10.55	11.16	10.84		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 8.06 MONTHLY MAX: 39.0

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: 37-101-0002 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: (145) R & P Model 2025 PM-2.5 Sequential
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2017

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	6.0			2.4	5.5	9.8	AS		5.2	3.7		
2			3.0					12.7				
3		4.4				12.5	AS				10.8	12.5
4	3.6			6.3	5.5				11.7	5.9		
5			9.5					7.2				
6		8.2				8.3	AN				11.0	6.5
7	4.4 V			2.1	4.1				7.1	5.4		
8			4.0					5.8				
9		2.4				6.6	AN				1.2 V	2.8
10	6.3			5.3	12.6				3.6	8.3		
11			4.2					5.5				
12		10.8				10.4	AN				6.2	6.5
13	5.6			8.3	BJ		9.1		5.4	4.5		
14			2.8					10.1				
15		9.2				8.9	9.1				8.1	10.0
16	4.7			11.2	14.6		6.3		12.9	4.5		
17			8.0					11.0				
18		14.9				7.6	5.5				8.1	15.0
19	4.2			6.9	8.7				10.5	7.0		
20			7.9		9.7			14.4				
21		9.0				4.2	15.1				8.7	7.7
22	3.1			9.0	5.9				13.3	10.7		
23			5.2					8.8				
24		6.2				AN	8.7				9.0	3.1
25	3.9			1.9 V	AN			11.2	5.7	4.4		
26			4.3					10.0				
27		7.7				9.0	9.5				7.7	5.5
28	4.1			11.6	12.7				13.4	10.9		
29			6.8					1.9 V				
30						5.5	5.1				15.4	14.7
31	10.4				9.4					7.6		
NO.:	11	9	10	10	10	10	8	11	10	11	10	10
MAX:	10.4	14.9	9.5	11.6	14.6	12.5	15.1	14.4	13.4	10.9	15.4	15.0
MEAN:	5.12	8.09	5.57	6.50	8.87	8.28	8.55	8.96	8.88	6.63	8.62	8.43

ANNUAL OBSERVATIONS: 120 ANNUAL MEAN: 7.67 ANNUAL MAX: 15.4

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: 37-101-0002 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2017

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

DAY	HOUR 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	8.0	9.0	5.0	7.0	5.0	5.0	1.0	7.0	3.0	4.0	5.0	5.0	8.0	7.0	10.0	10.0	9.0	7.0	6.0	9.0	8.0	17.0	14.0	24	17.0
2	9.0	6.0	5.0	4.0	2.0	6.0	2.0	1.0	2.0	3.0	-1.0	-1.0	-1.0	1.0	2.0	1.0	3.0	.0	2.0	2.0	1.0	1.0	3.0	3.0	24	9.0
3	.0	.0	4.0	4.0	6.0	5.0	6.0	3.0	3.0	4.0	5.0	9.0	AX	BA	BA	7.0	3.0	1.0	2.0	7.0	6.0	4.0	3.0	7.0	21	9.0
4	7.0	9.0	10.0	8.0	9.0	6.0	7.0	5.0	5.0	7.0	7.0	6.0	6.0	2.0	-2.0	3.0	.0	-3.0	-2.0	-1.0	6.0	-5.0	1.0	7.0	24	10.0
5	-1.0	-1.0	1.0	2.0	1.0	-1.0	.0	3.0	-1.0	1.0	3.0	5.0	.0	-1.0	2.0	.0	4.0	4.0	3.0	-4.0	5.0	6.0	8.0	6.0	24	8.0
6	8.0	8.0	8.0	7.0	4.0	3.0	4.0	7.0	5.0	5.0	3.0	4.0	6.0	6.0	2.0	1.0	4.0	5.0	8.0	8.0	6.0	11.0	5.0	6.0	24	11.0
7	5.0	6.0	6.0	4.0	6.0	4.0	4.0	7.0	2.0	3.0	1.0	5.0	3.0	4.0	2.0	2.0	2.0	4.0	8.0	10.0	11.0	11.0	11.0	11.0	24	11.0
8	8.0	7.0	7.0	6.0	6.0	5.0	6.0	7.0	2.0	8.0	5.0	9.0	8.0	6.0	11.0	10.0	7.0	11.0	4.0	9.0	7.0	10.0	10.0	16.0	24	16.0
9	19.0	17.0	11.0	10.0	10.0	8.0	9.0	6.0	6.0	5.0	10.0	.0	12.0	10.0	8.0	7.0	5.0	4.0	6.0	7.0	3.0	10.0	6.0	10.0	24	19.0
10	9.0	11.0	9.0	16.0	14.0	12.0	12.0	9.0	12.0	15.0	14.0	17.0	10.0	17.0	20.0	11.0	5.0	5.0	-1.0	AN	3.0	8.0	8.0	9.0	23	20.0
11	14.0	9.0	7.0	5.0	5.0	3.0	2.0	5.0	2.0	7.0	15.0	14.0	18.0	16.0	4.0	4.0	12.0	.0	-8.0MD	-1.0	.0	2.0	8.0	11.0	24	18.0
12	8.0	1.0	1.0	1.0	4.0	3.0	5.0	-1.0	1.0	5.0	9.0	18.0	17.0	-1.0	16.0	.0	2.0	-8.0MD	-4.0	-5.0	1.0	4.0	-1.0	5.0	24	18.0
13	6.0	3.0	.0	4.0	7.0	3.0	6.0	9.0	7.0	10.0	17.0	28.0	32.0	25.0	6.0	7.0	1.0	AN	-2.0	-2.0	4.0	8.0	.0	5.0	23	32.0
14	3.0	2.0	1.0	3.0	1.0	-1.0	4.0	4.0	2.0	3.0	3.0	5.0	4.0	11.0	2.0	6.0	9.0	7.0	9.0	9.0	9.0	6.0	10.0	4.0	24	11.0
15	13.0	15.0	14.0	14.0	14.0	13.0	16.0	17.0	17.0	15.0	15.0	12.0	9.0	11.0	11.0	14.0	2.0	4.0	.0	3.0	6.0	6.0	2.0	3.0	24	17.0
16	7.0	7.0	8.0	6.0	8.0	5.0	8.0	2.0	6.0	6.0	5.0	3.0	7.0	8.0	2.0	6.0	4.0	6.0	5.0	11.0	9.0	11.0	12.0	10.0	24	12.0
17	10.0	11.0	15.0	15.0	11.0	15.0	18.0	22.0	25.0	26.0	AX	BA	BA	BA	13.0	12.0	12.0	12.0	12.0	13.0	13.0	13.0	13.0	10.0	20	26.0
18	10.0	7.0	6.0	10.0	13.0	12.0	11.0	11.0	13.0	12.0	14.0	8.0	10.0	3.0	1.0	3.0	4.0	3.0	-3.0	1.0	2.0	-1.0	4.0	2.0	24	14.0
19	3.0	.0	1.0	1.0	1.0	2.0	5.0	.0	1.0	3.0	7.0	3.0	8.0	12.0	12.0	8.0	7.0	6.0	.0	-1.0	4.0	5.0	6.0	6.0	24	12.0
20	8.0	6.0	13.0	16.0	13.0	13.0	16.0	17.0	17.0	12.0	13.0	14.0	13.0	21.0	12.0	15.0	14.0	11.0	6.0	9.0	15.0	12.0	9.0	11.0	24	21.0
21	7.0	7.0	8.0	8.0	6.0	5.0	7.0	5.0	6.0	3.0	5.0	3.0	9.0	10.0	11.0	13.0	18.0	20.0	18.0	5.0	9.0	11.0	12.0	13.0	24	20.0
22	13.0	21.0	6.0	10.0	10.0	12.0	-2.0	2.0	.0	-2.0	6.0	6.0	.0	5.0	8.0	4.0	2.0	8.0	3.0	6.0	4.0	3.0	7.0	.0	24	21.0
23	2.0	5.0	-1.0	2.0	-2.0	2.0	2.0	3.0	4.0	-3.0	1.0	4.0	8.0	8.0	6.0	3.0	2.0	4.0	2.0	2.0	.0	-5.0	-3.0	-2.0	24	8.0
24	-8.0MD	.0	-2.0	-2.0	2.0	1.0	-1.0	2.0	-2.0	3.0	-2.0	2.0	7.0	5.0	5.0	6.0	-1.0	2.0	-4.0	-2.0	-1.0	-2.0	1.0	.0	24	7.0
25	-9.0MD	.0	2.0	1.0	3.0	3.0	2.0	3.0	6.0	3.0	7.0	11.0	12.0	9.0	8.0	5.0	9.0	4.0	1.0	4.0	9.0	6.0	10.0	8.0	24	12.0
26	5.0	6.0	3.0	7.0	4.0	10.0	9.0	9.0	10.0	6.0	10.0	10.0	8.0	13.0	-4.0	5.0	2.0	-2.0	-5.0	-2.0	1.0	-2.0	2.0	4.0	24	13.0
27	3.0	-1.0	2.0	1.0	1.0	.0	-2.0	4.0	1.0	6.0	5.0	7.0	7.0	7.0	6.0	11.0	4.0	3.0	3.0	-1.0	2.0	6.0	5.0	2.0	24	11.0
28	4.0	7.0	5.0	2.0	3.0	3.0	4.0	6.0	2.0	9.0	11.0	10.0	8.0	5.0	9.0	9.0	7.0	4.0	-1.0	4.0	-1.0	5.0	5.0	9.0	24	11.0
29	10.0	12.0	9.0	7.0	4.0	8.0	8.0	6.0	5.0	13.0	10.0	18.0	12.0	13.0	13.0	36.0	8.0	23.0	5.0	-1.0	6.0	18.0	25.0	19.0	24	36.0
30	3.0	-5.0	3.0	3.0	3.0	-7.0MD	.0	1.0	-3.0	7.0	2.0	4.0	4.0	6.0	6.0	4.0	6.0	3.0	2.0	-5.0	5.0	4.0	1.0	2.0	24	7.0
31	4.0	2.0	6.0	5.0	6.0	7.0	6.0	8.0	10.0	15.0	14.0	16.0	24.0	24.0	24.0	29.0	27.0	3.0	14.0	19.0	25.0	34.0	15.0	18.0	24	34.0
NO.:	31	31	31	31	31	31	31	31	31	31	30	30	29	29	30	31	31	30	31	30	31	31	31	31		
MAX:	19.0	21.0	15.0	16.0	14.0	15.0	18.0	22.0	25.0	26.0	17.0	28.0	32.0	25.0	24.0	36.0	27.0	23.0	18.0	19.0	25.0	34.0	25.0	19.0		
AVG:	6.13	6.00	5.71	5.97	5.87	5.32	5.77	5.94	5.58	6.87	7.27	8.50	9.17	9.10	7.43	8.13	6.26	5.10	2.90	3.67	5.77	6.71	6.94	7.39		

MONTHLY OBSERVATIONS: 735 MONTHLY MEAN: 6.38 MONTHLY MAX: 36.0

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: 37-101-0002 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	18.0	18.0	20.0	19.0	22.0	32.0	26.0	27.0	20.0	17.0	AX	BA	BA	BA	29.0	21.0	14.0	4.0	6.0	7.0	8.0	14.0	15.0	10.0	20	32.0
2	8.0	7.0	7.0	1.0	10.0	4.0	8.0	7.0	5.0	12.0	11.0	12.0	15.0	13.0	9.0	9.0	7.0	.0	5.0	3.0	7.0	9.0	9.0	10.0	24	15.0
3	7.0	8.0	12.0	5.0	2.0	5.0	-1.0	4.0	8.0	7.0	7.0	8.0	6.0	11.0	2.0	7.0	13.0	6.0	3.0	11.0	9.0	9.0	8.0	5.0	24	13.0
4	3.0	4.0	3.0	1.0	-1.0	1.0	3.0	2.0	2.0	7.0	5.0	3.0	6.0	11.0	6.0	8.0	7.0	6.0	-5.0	2.0	7.0	10.0	17.0	10.0	24	17.0
5	13.0	8.0	13.0	16.0	18.0	17.0	17.0	18.0	14.0	12.0	12.0	18.0	17.0	22.0	20.0	16.0	16.0	8.0	.0	-1.0	1.0	2.0	10.0	-1.0	24	22.0
6	12.0	18.0	20.0	11.0	12.0	9.0	11.0	14.0	11.0	17.0	25.0	23.0	32.0	21.0	15.0	12.0	5.0	.0	-2.0	-2.0	-4.0	10.0	13.0	10.0	24	32.0
7	11.0	13.0	7.0	10.0	14.0	14.0	14.0	16.0	14.0	25.0	29.0	23.0	31.0	31.0	27.0	14.0	18.0	5.0	6.0	3.0	10.0	12.0	10.0	8.0	24	31.0
8	10.0	8.0	6.0	9.0	8.0	6.0	12.0	11.0	8.0	12.0	14.0	19.0	24.0	16.0	10.0	12.0	-1.0	.0	2.0	-3.0	3.0	4.0	12.0	10.0	24	24.0
9	11.0	1.0	8.0	12.0	14.0	-4.0	-2.0	-3.0	-5.0	-2.0	-1.0	-2.0	3.0	.0	2.0	3.0	-5.0	3.0	-2.0	-3.0	-5.0	3.0	1.0	3.0	24	14.0
10	1.0	6.0	4.0	.0	6.0	2.0	6.0	8.0	6.0	4.0	2.0	4.0	8.0	8.0	10.0	9.0	4.0	5.0	6.0	4.0	5.0	9.0	5.0	6.0	24	10.0
11	7.0	5.0	3.0	2.0	2.0	5.0	6.0	7.0	6.0	10.0	17.0	24.0	37.0	25.0	21.0	13.0	14.0	12.0	12.0	7.0	11.0	19.0	17.0	11.0	24	37.0
12	12.0	18.0	16.0	23.0	24.0	21.0	18.0	18.0	19.0	28.0	33.0	28.0	26.0	27.0	23.0	18.0	12.0	9.0	4.0	7.0	8.0	-4.0	9.0	7.0	24	33.0
13	6.0	-4.0	-5.0	-3.0	-3.0	-4.0	2.0	.0	-3.0	6.0	-1.0	AZ	BA	BA	6.0	2.0	5.0	6.0	3.0	26.0	4.0	-4.0	6.0	4.0	21	26.0
14	7.0	4.0	6.0	8.0	5.0	.0	2.0	5.0	2.0	9.0	7.0	-4.0	7.0	14.0	12.0	11.0	18.0	28.0	16.0	11.0	14.0	11.0	14.0	13.0	24	28.0
15	13.0	17.0	15.0	19.0	20.0	16.0	17.0	20.0	18.0	11.0	1.0	5.0	6.0	9.0	3.0	5.0	7.0	3.0	2.0	-1.0	1.0	1.0	2.0	-5.0	24	20.0
16	5.0	-1.0	2.0	4.0	3.0	-1.0	4.0	5.0	6.0	7.0	3.0	6.0	1.0	4.0	6.0	5.0	4.0	3.0	1.0	.0	-2.0	1.0	2.0	2.0	24	7.0
17	3.0	3.0	10.0	9.0	6.0	10.0	6.0	10.0	3.0	8.0	6.0	8.0	12.0	17.0	15.0	9.0	6.0	14.0	7.0	8.0	12.0	10.0	13.0	12.0	24	17.0
18	14.0	8.0	10.0	11.0	12.0	6.0	15.0	13.0	9.0	36.0	21.0	27.0	26.0	15.0	17.0	14.0	11.0	22.0	9.0	17.0	27.0	33.0	28.0	27.0	24	36.0
19	9.0	14.0	8.0	9.0	6.0	8.0	5.0	12.0	16.0	15.0	13.0	12.0	22.0	12.0	11.0	8.0	.0	1.0	.0	-5.0	1.0	6.0	5.0	7.0	24	22.0
20	14.0	18.0	15.0	16.0	14.0	15.0	14.0	13.0	8.0	17.0	13.0	14.0	15.0	11.0	12.0	10.0	9.0	1.0	3.0	-3.0	2.0	7.0	9.0	7.0	24	18.0
21	14.0	18.0	16.0	12.0	7.0	7.0	6.0	7.0	2.0	10.0	16.0	15.0	15.0	18.0	13.0	5.0	4.0	3.0	7.0	.0	3.0	5.0	11.0	25.0	24	25.0
22	25.0	15.0	20.0	11.0	16.0	3.0	8.0	11.0	31.0	10.0	12.0	13.0	20.0	10.0	8.0	3.0	8.0	4.0	4.0	11.0	26.0	10.0	5.0	5.0	24	31.0
23	7.0	8.0	2.0	5.0	8.0	12.0	12.0	5.0	2.0	7.0	11.0	16.0	16.0	7.0	11.0	1.0	11.0	-1.0	.0	-4.0	-1.0	.0	2.0	10.0	24	16.0
24	8.0	10.0	5.0	7.0	12.0	7.0	9.0	8.0	10.0	14.0	12.0	16.0	13.0	15.0	8.0	5.0	-5.0	8.0	3.0	-3.0	7.0	6.0	9.0	5.0	24	16.0
25	.0	6.0	3.0	4.0	5.0	-1.0	.0	5.0	5.0	9.0	10.0	17.0	19.0	15.0	15.0	14.0	9.0	6.0	3.0	4.0	-1.0	-5.0	-3.0	-2.0	24	19.0
26	-1.0	3.0	-1.0	-2.0	4.0	4.0	5.0	1.0	4.0	4.0	.0	7.0	4.0	7.0	5.0	5.0	2.0	2.0	4.0	-4.0	1.0	5.0	4.0	7.0	24	7.0
27	9.0	8.0	8.0	12.0	19.0	29.0	22.0	9.0	9.0	12.0	12.0	9.0	12.0	10.0	11.0	8.0	6.0	4.0	6.0	2.0	4.0	2.0	8.0	5.0	24	29.0
28	8.0	12.0	6.0	6.0	9.0	2.0	6.0	5.0	3.0	14.0	13.0	AX	BA	BA	7.0	5.0	4.0	4.0	4.0	4.0	9.0	11.0	9.0	9.0	21	14.0
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	28	27	25	25	25	28	28	28	28	28	28	28	28	28	28		
MAX:	25.0	18.0	20.0	23.0	24.0	32.0	26.0	27.0	31.0	36.0	33.0	28.0	37.0	31.0	29.0	21.0	18.0	28.0	16.0	26.0	27.0	33.0	28.0	27.0		
AVG:	9.07	9.04	8.54	8.46	9.79	8.04	8.96	9.21	8.32	12.07	11.22	12.84	15.72	13.96	11.93	9.00	7.25	5.93	3.82	3.50	5.96	7.00	8.93	7.86		

MONTHLY OBSERVATIONS: 662 MONTHLY MEAN: 8.94 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-101-0002 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

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

DAY	HOUR 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	17.0	13.0	14.0	15.0	8.0	10.0	12.0	9.0	8.0	7.0	13.0	11.0	12.0	8.0	9.0	6.0	10.0	11.0	7.0	7.0	2.0	2.0	1.0	24	17.0
2	3.0	4.0	2.0	5.0	5.0	3.0	3.0	-3.0	.0	3.0	3.0	3.0	5.0	5.0	4.0	3.0	1.0	4.0	-2.0	1.0	-4.0	-4.0	4.0	15.0	24	15.0
3	6.0	5.0	1.0	3.0	-1.0	5.0	1.0	2.0	.0	10.0	11.0	8.0	8.0	1.0	5.0	1.0	6.0	4.0	3.0	.0	-4.0	1.0	1.0	3.0	24	11.0
4	5.0	5.0	3.0	1.0	3.0	5.0	5.0	3.0	-2.0	11.0	6.0	7.0	5.0	7.0	6.0	6.0	6.0	6.0	15.0	-4.0	36.0	4.0	12.0	9.0	24	36.0
5	15.0	10.0	16.0	23.0	14.0	6.0	10.0	13.0	6.0	12.0	7.0	6.0	7.0	8.0	11.0	10.0	8.0	10.0	10.0	-2.0	30.0	9.0	18.0	15.0	24	30.0
6	8.0	14.0	10.0	11.0	6.0	9.0	11.0	13.0	7.0	13.0	15.0	15.0	19.0	22.0	21.0	19.0	3.0	16.0	16.0	17.0	17.0	14.0	15.0	11.0	24	22.0
7	14.0	13.0	10.0	5.0	11.0	14.0	10.0	12.0	8.0	22.0	22.0	22.0	13.0	13.0	12.0	9.0	7.0	4.0	8.0	-3.0	5.0	1.0	2.0	5.0	24	22.0
8	4.0	-1.0	.0	5.0	4.0	2.0	4.0	6.0	12.0	-5.0	-1.0	2.0	9.0	9.0	7.0	3.0	3.0	2.0	-2.0	.0	-5.0	.0	.0	5.0	24	12.0
9	5.0	3.0	-1.0	2.0	4.0	5.0	4.0	2.0	4.0	13.0	15.0	15.0	13.0	12.0	6.0	3.0	11.0	3.0	1.0	-4.0	-1.0	1.0	10.0	5.0	24	15.0
10	4.0	4.0	6.0	7.0	6.0	11.0	14.0	14.0	20.0	19.0	19.0	21.0	19.0	14.0	.0	2.0	1.0	3.0	-1.0	-3.0	-1.0	-2.0	.0	-5.0	24	21.0
11	-1.0	2.0	6.0	1.0	3.0	2.0	4.0	2.0	1.0	5.0	4.0	2.0	3.0	8.0	4.0	4.0	5.0	2.0	3.0	.0	-3.0	6.0	8.0	19.0	24	19.0
12	15.0	15.0	10.0	8.0	5.0	3.0	3.0	1.0	4.0	4.0	4.0	5.0	6.0	9.0	5.0	6.0	10.0	6.0	7.0	-4.0	6.0	6.0	9.0	8.0	24	15.0
13	10.0	9.0	9.0	8.0	8.0	6.0	8.0	7.0	8.0	15.0	13.0	10.0	9.0	11.0	11.0	13.0	15.0	11.0	8.0	6.0	4.0	3.0	4.0	3.0	24	15.0
14	2.0	2.0	1.0	3.0	.0	1.0	1.0	-2.0	3.0	4.0	4.0	12.0	12.0	15.0	12.0	16.0	.0	2.0	1.0	-5.0	1.0	-5.0	2.0	.0	24	16.0
15	2.0	-2.0	-1.0	4.0	-1.0	3.0	.0	1.0	5.0	7.0	5.0	3.0	4.0	1.0	6.0	9.0	6.0	4.0	5.0	1.0	4.0	3.0	5.0	2.0	24	9.0
16	3.0	6.0	3.0	2.0	5.0	4.0	6.0	4.0	12.0	16.0	12.0	AX	BA	BA	11.0	8.0	9.0	7.0	12.0	4.0	5.0	8.0	6.0	8.0	21	16.0
17	7.0	12.0	9.0	9.0	9.0	10.0	9.0	6.0	7.0	15.0	12.0	14.0	9.0	14.0	14.0	14.0	4.0	16.0	14.0	12.0	11.0	7.0	11.0	10.0	24	16.0
18	9.0	12.0	11.0	14.0	9.0	14.0	11.0	12.0	17.0	15.0	17.0	21.0	23.0	25.0	29.0	31.0	32.0	29.0	26.0	21.0	8.0	7.0	9.0	18.0	24	32.0
19	9.0	2.0	3.0	3.0	3.0	3.0	2.0	.0	3.0	4.0	5.0	7.0	4.0	9.0	14.0	6.0	5.0	7.0	6.0	-2.0	2.0	-5.0	-2.0	5.0	24	14.0
20	5.0	7.0	4.0	6.0	7.0	5.0	8.0	21.0	12.0	20.0	17.0	11.0	15.0	16.0	14.0	10.0	7.0	10.0	11.0	-5.0	-2.0	1.0	10.0	13.0	24	21.0
21	17.0	19.0	14.0	12.0	13.0	10.0	12.0	15.0	14.0	BA	BA	BA	20.0	17.0	15.0	10.0	16.0	15.0	14.0	11.0	12.0	14.0	16.0	13.0	21	20.0
22	14.0	8.0	11.0	12.0	11.0	11.0	4.0	4.0	6.0	7.0	6.0	7.0	9.0	5.0	7.0	5.0	4.0	2.0	3.0	-4.0	-1.0	1.0	3.0	3.0	24	14.0
23	3.0	4.0	5.0	4.0	14.0	6.0	2.0	5.0	6.0	9.0	11.0	7.0	10.0	9.0	11.0	6.0	6.0	5.0	7.0	-5.0	-5.0	4.0	13.0	6.0	24	14.0
24	6.0	9.0	14.0	20.0	20.0	28.0	37.0	54.0	28.0	24.0	24.0	20.0	17.0	16.0	17.0	25.0	24.0	23.0	15.0	5.0	4.0	8.0	5.0	5.0	24	54.0
25	3.0	4.0	3.0	4.0	2.0	1.0	3.0	-3.0	4.0	23.0	14.0	14.0	12.0	7.0	11.0	5.0	7.0	5.0	2.0	2.0	1.0	6.0	2.0	3.0	24	23.0
26	3.0	1.0	-2.0	2.0	4.0	3.0	4.0	2.0	9.0	21.0	18.0	12.0	11.0	14.0	7.0	10.0	4.0	7.0	3.0	-2.0	-2.0	1.0	1.0	.0	24	21.0
27	3.0	1.0	3.0	1.0	4.0	.0	3.0	7.0	10.0	7.0	10.0	AX	BA	BA	9.0	9.0	45.0	5.0	6.0	2.0	2.0	5.0	3.0	2.0	21	45.0
28	4.0	.0	3.0	5.0	6.0	1.0	2.0	4.0	5.0	2.0	5.0	10.0	12.0	10.0	9.0	16.0	-4.0	11.0	16.0	3.0	8.0	7.0	9.0	15.0	24	16.0
29	12.0	9.0	6.0	4.0	8.0	4.0	3.0	2.0	9.0	7.0	9.0	8.0	5.0	8.0	9.0	7.0	4.0	10.0	6.0	2.0	5.0	8.0	13.0	7.0	24	13.0
30	8.0	8.0	7.0	10.0	8.0	6.0	5.0	6.0	7.0	6.0	4.0	5.0	2.0	5.0	12.0	8.0	7.0	12.0	6.0	6.0	5.0	4.0	2.0	5.0	24	12.0
31	3.0	4.0	2.0	2.0	5.0	5.0	3.0	7.0	6.0	5.0	3.0	8.0	15.0	17.0	9.0	6.0	8.0	3.0	3.0	2.0	-2.0	.0	-2.0	.0	24	17.0
NO.:	31	31	31	31	31	31	31	31	31	30	30	28	29	29	31	31	31	31	31	31	31	31	31	31		
MAX:	17.0	19.0	16.0	23.0	20.0	28.0	37.0	54.0	28.0	24.0	24.0	22.0	23.0	25.0	29.0	31.0	45.0	29.0	26.0	21.0	36.0	14.0	18.0	19.0		
AVG:	6.84	6.65	5.84	6.77	6.77	6.26	6.52	7.39	7.74	10.73	10.03	10.29	10.59	11.00	10.19	9.32	8.58	8.19	7.52	1.90	4.61	3.71	6.16	6.74		

MONTHLY OBSERVATIONS: 735 MONTHLY MEAN: 7.48 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-101-0002 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

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

DAY	HOUR 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	-1.0	.0	1.0	-5.0	1.0	1.0	6.0	7.0	2.0	1.0	-1.0	4.0	7.0	5.0	-2.0	4.0	1.0	-4.0	2.0	3.0	3.0	.0	1.0	24	7.0
2	-2.0	-1.0	.0	2.0	2.0	-4.0	-1.0	3.0	4.0	5.0	3.0	5.0	6.0	5.0	6.0	4.0	2.0	2.0	1.0	1.0	38.0	58.0	18.0	7.0	24	58.0
3	5.0	4.0	6.0	-1.0	2.0	6.0	11.0	8.0	8.0	15.0	11.0	12.0	9.0	10.0	15.0	7.0	7.0	-2.0	-3.0	4.0	2.0	-2.0	4.0	7.0	24	15.0
4	3.0	5.0	4.0	6.0	4.0	3.0	3.0	6.0	10.0	9.0	13.0	10.0	13.0	10.0	9.0	7.0	6.0	10.0	-6.0MD	-2.0	4.0	9.0	6.0	8.0	24	13.0
5	11.0	8.0	8.0	11.0	4.0	9.0	5.0	16.0	23.0	23.0	16.0	9.0	17.0	10.0	12.0	19.0	14.0	8.0	8.0	10.0	10.0	14.0	12.0	9.0	24	23.0
6	10.0	7.0	10.0	12.0	7.0	2.0	6.0	12.0	4.0	5.0	8.0	1.0	4.0	1.0	3.0	3.0	-3.0	.0	-2.0	.0	-1.0	-3.0	-8.0MD	-3.0	24	12.0
7	-1.0	-2.0	3.0	.0	2.0	.0	-1.0	6.0	.0	1.0	1.0	3.0	5.0	3.0	3.0	.0	5.0	1.0	-1.0	-3.0	-2.0	-1.0	1.0	4.0	24	6.0
8	-2.0	3.0	.0	8.0	6.0	2.0	4.0	11.0	6.0	5.0	5.0	6.0	7.0	5.0	5.0	3.0	6.0	4.0	-3.0	3.0	-3.0	5.0	8.0	9.0	24	11.0
9	8.0	11.0	11.0	16.0	11.0	12.0	13.0	21.0	33.0	25.0	14.0	18.0	11.0	6.0	9.0	6.0	8.0	12.0	5.0	6.0	8.0	2.0	4.0	4.0	24	33.0
10	3.0	5.0	5.0	2.0	-1.0	3.0	5.0	12.0	16.0	13.0	10.0	9.0	4.0	7.0	9.0	4.0	2.0	.0	-1.0	-2.0	3.0	8.0	1.0	2.0	24	16.0
11	3.0	1.0	.0	3.0	-1.0	4.0	.0	10.0	13.0	AX	BA	BA	8.0	6.0	8.0	14.0	11.0	9.0	4.0	6.0	9.0	7.0	2.0	1.0	21	14.0
12	4.0	4.0	4.0	5.0	.0	2.0	4.0	7.0	14.0	10.0	8.0	7.0	9.0	7.0	10.0	8.0	9.0	6.0	20.0	7.0	14.0	.0	4.0	8.0	24	20.0
13	8.0	7.0	10.0	8.0	6.0	9.0	12.0	15.0	12.0	13.0	8.0	11.0	10.0	11.0	11.0	11.0	9.0	10.0	3.0	6.0	5.0	5.0	8.0	10.0	24	15.0
14	13.0	2.0	8.0	6.0	10.0	5.0	6.0	9.0	11.0	9.0	15.0	10.0	9.0	9.0	16.0	12.0	14.0	6.0	6.0	9.0	9.0	18.0	8.0	9.0	24	18.0
15	10.0	6.0	5.0	10.0	7.0	8.0	7.0	11.0	10.0	7.0	11.0	13.0	15.0	12.0	8.0	12.0	12.0	8.0	10.0	7.0	5.0	8.0	10.0	8.0	24	15.0
16	5.0	9.0	9.0	10.0	8.0	6.0	8.0	13.0	15.0	13.0	12.0	13.0	14.0	21.0	24.0	17.0	21.0	8.0	8.0	4.0	7.0	9.0	9.0	8.0	24	24.0
17	8.0	6.0	9.0	11.0	12.0	7.0	7.0	11.0	11.0	5.0	13.0	14.0	17.0	17.0	14.0	12.0	11.0	10.0	1.0	2.0	2.0	7.0	11.0	12.0	24	17.0
18	5.0	10.0	10.0	7.0	5.0	5.0	4.0	8.0	5.0	5.0	10.0	9.0	6.0	13.0	5.0	4.0	4.0	2.0	.0	3.0	1.0	1.0	-4.0	2.0	24	13.0
19	4.0	3.0	.0	5.0	5.0	2.0	6.0	6.0	7.0	5.0	6.0	10.0	7.0	11.0	11.0	4.0	16.0	11.0	8.0	5.0	6.0	9.0	14.0	10.0	24	16.0
20	12.0	12.0	7.0	7.0	9.0	12.0	7.0	16.0	18.0	9.0	12.0	13.0	11.0	12.0	16.0	8.0	12.0	12.0	7.0	6.0	12.0	15.0	13.0	18.0	24	18.0
21	19.0	17.0	16.0	14.0	14.0	12.0	13.0	19.0	18.0	18.0	12.0	19.0	17.0	22.0	14.0	17.0	14.0	8.0	31.0	9.0	8.0	10.0	7.0	12.0	24	31.0
22	12.0	8.0	10.0	11.0	6.0	12.0	8.0	7.0	12.0	10.0	15.0	20.0	24.0	17.0	14.0	8.0	10.0	7.0	-6.0MD	-5.0	-3.0	-3.0	.0	1.0	24	24.0
23	2.0	2.0	1.0	-2.0	2.0	3.0	4.0	2.0	.0	7.0	4.0	3.0	.0	5.0	4.0	6.0	8.0	2.0	.0	4.0	5.0	2.0	5.0	6.0	24	8.0
24	3.0	6.0	.0	3.0	1.0	-2.0	-1.0	.0	1.0	2.0	-1.0	5.0	2.0	-4.0	.0	.0	2.0	-1.0	.0	3.0	1.0	-2.0	.0	-2.0	24	6.0
25	3.0	1.0	3.0	.0	.0	1.0	.0	2.0	-3.0	3.0	.0	6.0	2.0	6.0	2.0	-4.0	6.0	-1.0	-1.0	.0	2.0	.0	.0	1.0	24	6.0
26	1.0	2.0	5.0	3.0	1.0	.0	.0	10.0	5.0	8.0	5.0	AX	BA	BA	6.0	8.0	10.0	11.0	6.0	2.0	4.0	10.0	11.0	12.0	21	12.0
27	9.0	12.0	10.0	9.0	8.0	5.0	7.0	11.0	14.0	15.0	16.0	27.0	23.0	12.0	8.0	5.0	7.0	9.0	10.0	9.0	7.0	12.0	8.0	7.0	24	27.0
28	9.0	6.0	6.0	9.0	8.0	8.0	10.0	15.0	11.0	17.0	14.0	14.0	12.0	18.0	19.0	16.0	14.0	14.0	13.0	11.0	15.0	16.0	12.0	15.0	24	19.0
29	12.0	8.0	8.0	14.0	11.0	10.0	16.0	15.0	14.0	13.0	13.0	16.0	14.0	12.0	12.0	13.0	10.0	9.0	6.0	11.0	9.0	8.0	4.0	6.0	24	16.0
30	3.0	1.0	7.0	4.0	5.0	6.0	8.0	8.0	6.0	12.0	10.0	8.0	5.0	4.0	9.0	11.0	-4.0	8.0	7.0	-2.0	1.0	3.0	.0	.0	24	12.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	29	29	28	29	29	30	30	30	30	30	30	30	30	30	30		
MAX:	19.0	17.0	16.0	16.0	14.0	12.0	16.0	21.0	33.0	25.0	16.0	27.0	24.0	22.0	24.0	19.0	21.0	14.0	31.0	11.0	38.0	58.0	18.0	18.0		
AVG:	6.00	5.40	5.83	6.47	4.97	4.97	5.73	9.87	10.17	9.79	9.14	10.36	9.83	9.48	9.57	7.77	8.23	6.13	4.23	3.87	6.03	7.60	5.60	6.40		

MONTHLY OBSERVATIONS: 714 MONTHLY MEAN: 7.20 MONTHLY MAX: 58.0

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: 37-101-0002 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

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

DAY	HOUR 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	2.0	4.0	6.0	4.0	5.0	4.0	5.0	5.0	7.0	12.0	10.0	26.0	AN	6.0	4.0	10.0	5.0	9.0	2.0	4.0	6.0	9.0	-4.0	23	26.0
2	2.0	-1.0	-3.0	.0	.0	1.0	1.0	5.0	9.0	12.0	4.0	6.0	5.0	9.0	5.0	4.0	7.0	4.0	4.0	2.0	.0	3.0	-1.0	9.0	24	12.0
3	5.0	6.0	3.0	6.0	7.0	7.0	6.0	8.0	12.0	11.0	7.0	8.0	3.0	6.0	7.0	7.0	7.0	9.0	6.0	6.0	1.0	1.0	8.0	5.0	24	12.0
4	11.0	5.0	5.0	5.0	6.0	4.0	6.0	5.0	10.0	14.0	8.0	10.0	8.0	7.0	14.0	6.0	8.0	7.0	2.0	4.0	6.0	2.0	5.0	8.0	24	14.0
5	8.0	2.0	3.0	4.0	8.0	2.0	-4.0	3.0	4.0	8.0	10.0	6.0	7.0	12.0	8.0	7.0	7.0	3.0	3.0	AN	-5.0	-1.0	1.0	AN	22	12.0
6	1.0	5.0	.0	5.0	-1.0	2.0	2.0	2.0	5.0	5.0	.0	-1.0	-4.0	7.0	4.0	5.0	6.0	5.0	2.0	4.0	5.0	AN	8.0	5.0	23	8.0
7	7.0	4.0	2.0	5.0	5.0	3.0	1.0	.0	8.0	6.0	10.0	8.0	.0	5.0	4.0	10.0	1.0	5.0	6.0	-3.0	.0	AN	1.0	3.0	23	10.0
8	8.0	3.0	4.0	5.0	3.0	4.0	6.0	4.0	13.0	11.0	9.0	5.0	11.0	5.0	9.0	4.0	4.0	7.0	3.0	-3.0	.0	AN	-1.0	5.0	23	13.0
9	9.0	7.0	9.0	8.0	10.0	4.0	9.0	6.0	7.0	10.0	14.0	6.0	8.0	8.0	11.0	9.0	15.0	6.0	3.0	6.0	4.0	8.0	10.0	13.0	24	15.0
10	10.0	14.0	15.0	8.0	10.0	12.0	9.0	6.0	17.0	17.0	19.0	19.0	15.0	18.0	18.0	19.0	21.0	16.0	15.0	11.0	11.0	17.0	15.0	17.0	24	21.0
11	20.0	16.0	17.0	19.0	16.0	17.0	19.0	22.0	31.0	AZ	AZ	BA	BA	18.0	19.0	24.0	9.0	15.0	16.0	12.0	15.0	15.0	13.0	2.0	20	31.0
12	4.0	5.0	-1.0	2.0	-3.0	1.0	-2.0	2.0	8.0	4.0	3.0	5.0	4.0	6.0	10.0	5.0	7.0	5.0	9.0	5.0	1.0	5.0	-1.0	1.0	24	10.0
13	1.0	-3.0	3.0	4.0	-3.0	3.0	1.0	2.0	4.0	.0	3.0	5.0	1.0	7.0	6.0	4.0	-1.0	3.0	2.0	-3.0	1.0	1.0	2.0	3.0	24	7.0
14	6.0	9.0	5.0	4.0	5.0	7.0	6.0	5.0	13.0	14.0	7.0	13.0	9.0	7.0	13.0	12.0	10.0	9.0	5.0	2.0	2.0	4.0	9.0	5.0	24	14.0
15	9.0	8.0	6.0	8.0	8.0	11.0	12.0	12.0	25.0	15.0	13.0	11.0	17.0	11.0	14.0	12.0	12.0	16.0	14.0	12.0	10.0	15.0	14.0	16.0	24	25.0
16	12.0	13.0	14.0	10.0	13.0	15.0	9.0	14.0	20.0	22.0	15.0	15.0	14.0	14.0	13.0	11.0	17.0	12.0	18.0	8.0	18.0	33.0	21.0	17.0	24	33.0
17	23.0	23.0	16.0	19.0	17.0	19.0	16.0	17.0	23.0	21.0	14.0	16.0	13.0	12.0	14.0	14.0	11.0	11.0	8.0	4.0	15.0	8.0	11.0	7.0	24	23.0
18	11.0	10.0	6.0	11.0	11.0	9.0	7.0	11.0	12.0	12.0	14.0	14.0	12.0	18.0	15.0	17.0	16.0	13.0	11.0	6.0	11.0	8.0	13.0	7.0	24	18.0
19	9.0	6.0	9.0	4.0	7.0	7.0	6.0	7.0	11.0	12.0	12.0	9.0	12.0	12.0	10.0	12.0	6.0	12.0	10.0	14.0	4.0	5.0	7.0	10.0	24	14.0
20	15.0	9.0	11.0	8.0	9.0	15.0	13.0	11.0	17.0	15.0	17.0	13.0	12.0	9.0	9.0	7.0	9.0	10.0	1.0	3.0	7.0	6.0	11.0	11.0	24	17.0
21	8.0	11.0	5.0	9.0	5.0	4.0	7.0	9.0	5.0	10.0	13.0	10.0	12.0	14.0	14.0	13.0	13.0	12.0	11.0	9.0	8.0	8.0	11.0	12.0	24	14.0
22	9.0	12.0	12.0	10.0	9.0	12.0	10.0	10.0	7.0	7.0	7.0	5.0	5.0	3.0	8.0	7.0	9.0	4.0	5.0	.0	1.0	5.0	13.0	-3.0	24	13.0
23	-3.0	-1.0	2.0	6.0	3.0	4.0	1.0	.0	4.0	5.0	1.0	2.0	8.0	5.0	-1.0	9.0	5.0	AO	AO	AO	AO	-1.0	.0	2.0	20	9.0
24	3.0	2.0	AO	AO	AO	3.0	4.0	2.0	-1.0	3.0	AX	BA	BA	5.0	7.0	5.0	7.0	6.0	-1.0	.0	2.0	1.0	8.0	5.0	18	8.0
25	4.0	1.0	7.0	AO	AO	AO	3.0	6.0	8.0	7.0	8.0	4.0	6.0	4.0	-3.0	7.0	7.0	1.0	11.0	5.0	-3.0	2.0	2.0	4.0	21	11.0
26	4.0	5.0	5.0	3.0	5.0	6.0	7.0	10.0	12.0	11.0	10.0	9.0	7.0	6.0	8.0	8.0	12.0	9.0	9.0	5.0	7.0	8.0	14.0	13.0	24	14.0
27	13.0	15.0	16.0	11.0	16.0	14.0	7.0	17.0	19.0	16.0	17.0	15.0	15.0	14.0	11.0	11.0	11.0	15.0	11.0	15.0	17.0	15.0	12.0	14.0	24	19.0
28	17.0	18.0	18.0	15.0	22.0	28.0	18.0	25.0	28.0	24.0	25.0	18.0	12.0	8.0	7.0	7.0	6.0	4.0	12.0	8.0	2.0	7.0	8.0	5.0	24	28.0
29	9.0	6.0	8.0	6.0	4.0	4.0	3.0	7.0	12.0	12.0	7.0	6.0	14.0	6.0	4.0	10.0	9.0	9.0	17.0	27.0	13.0	24.0	10.0	12.0	24	27.0
30	14.0	10.0	18.0	16.0	8.0	12.0	9.0	8.0	5.0	4.0	18.0	13.0	12.0	17.0	15.0	10.0	9.0	8.0	9.0	11.0	14.0	17.0	13.0	11.0	24	18.0
31	12.0	11.0	14.0	15.0	13.0	9.0	12.0	7.0	10.0	12.0	14.0	12.0	17.0	AN	3.0	AN	9.0	10.0	10.0	4.0	6.0	9.0	8.0	12.0	22	17.0
NO.:	31	31	30	29	29	30	31	31	31	30	29	29	29	29	31	30	31	30	30	29	30	28	31	30		
MAX:	23.0	23.0	18.0	19.0	22.0	28.0	19.0	25.0	31.0	24.0	25.0	19.0	26.0	18.0	19.0	24.0	21.0	16.0	18.0	27.0	18.0	33.0	21.0	17.0		
AVG:	8.55	7.52	7.77	8.00	7.48	8.13	6.71	8.00	11.71	10.90	10.72	9.38	9.69	9.41	9.10	9.33	9.00	8.37	8.03	6.07	5.90	8.25	8.19	7.57		

MONTHLY OBSERVATIONS: 719 MONTHLY MEAN: 8.49 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-101-0002 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

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

DAY	HOUR 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	6.0	6.0	8.0	9.0	8.0	14.0	17.0	15.0	17.0	16.0	15.0	17.0	12.0	11.0	11.0	6.0	6.0	5.0	6.0	6.0	9.0	15.0	13.0	24	17.0
2	13.0	14.0	16.0	11.0	14.0	15.0	10.0	18.0	12.0	9.0	12.0	9.0	9.0	8.0	7.0	7.0	7.0	9.0	20.0	45.0	36.0	9.0	10.0	5.0	24	45.0
3	8.0	14.0	13.0	11.0	13.0	10.0	15.0	18.0	18.0	16.0	16.0	19.0	10.0	16.0	13.0	8.0	14.0	11.0	7.0	7.0	7.0	9.0	15.0	16.0	24	19.0
4	15.0	18.0	17.0	15.0	14.0	13.0	19.0	25.0	26.0	23.0	18.0	16.0	16.0	11.0	12.0	15.0	9.0	7.0	7.0	8.0	AO	10.0	10.0	7.0	23	26.0
5	7.0	9.0	3.0	4.0	4.0	5.0	10.0	8.0	10.0	13.0	8.0	3.0	8.0	7.0	10.0	10.0	4.0	6.0	2.0	1.0	AO	AO	AO	6.0	21	13.0
6	1.0	1.0	2.0	2.0	2.0	2.0	6.0	2.0	12.0	10.0	9.0	10.0	13.0	8.0	10.0	5.0	8.0	8.0	9.0	15.0	11.0	12.0	8.0	14.0	24	15.0
7	10.0	8.0	8.0	8.0	8.0	.0	2.0	8.0	8.0	10.0	9.0	13.0	5.0	9.0	2.0	11.0	6.0	3.0	5.0	2.0	2.0	4.0	-1.0	.0	24	13.0
8	3.0	3.0	2.0	.0	4.0	.0	3.0	5.0	3.0	5.0	5.0	AX	BA	BA	5.0	3.0	5.0	.0	3.0	2.0	7.0	1.0	6.0	6.0	21	7.0
9	6.0	5.0	4.0	9.0	5.0	6.0	4.0	12.0	12.0	13.0	11.0	9.0	10.0	4.0	8.0	4.0	7.0	5.0	-1.0	3.0	2.0	9.0	8.0	12.0	24	13.0
10	10.0	10.0	9.0	8.0	8.0	10.0	9.0	16.0	34.0	2.0	16.0	11.0	11.0	11.0	11.0	16.0	14.0	14.0	7.0	10.0	12.0	12.0	7.0	7.0	24	34.0
11	6.0	6.0	3.0	6.0	1.0	5.0	10.0	12.0	13.0	11.0	12.0	10.0	10.0	11.0	10.0	11.0	7.0	15.0	4.0	7.0	9.0	10.0	9.0	6.0	24	15.0
12	4.0	4.0	6.0	4.0	8.0	5.0	11.0	18.0	19.0	11.0	16.0	15.0	16.0	12.0	11.0	14.0	12.0	14.0	10.0	10.0	9.0	10.0	17.0	15.0	24	19.0
13	10.0	8.0	2.0	7.0	10.0	9.0	11.0	17.0	19.0	11.0	17.0	17.0	16.0	15.0	15.0	21.0	17.0	19.0	8.0	20.0	24.0	19.0	9.0	11.0	24	24.0
14	11.0	8.0	8.0	4.0	8.0	5.0	13.0	13.0	15.0	14.0	15.0	12.0	12.0	7.0	9.0	11.0	9.0	2.0	7.0	.0	5.0	8.0	7.0	6.0	24	15.0
15	4.0	6.0	3.0	5.0	4.0	4.0	13.0	9.0	8.0	13.0	18.0	15.0	17.0	13.0	15.0	10.0	4.0	18.0	8.0	8.0	10.0	9.0	12.0	11.0	24	18.0
16	12.0	10.0	14.0	12.0	13.0	10.0	14.0	15.0	11.0	12.0	13.0	14.0	10.0	8.0	8.0	6.0	13.0	8.0	6.0	AN	5.0	6.0	5.0	3.0	23	15.0
17	5.0	6.0	1.0	6.0	8.0	10.0	9.0	7.0	11.0	3.0	10.0	15.0	4.0	5.0	4.0	4.0	12.0	-1.0	5.0	-1.0	.0	4.0	4.0	3.0	24	15.0
18	6.0	7.0	10.0	6.0	7.0	7.0	7.0	7.0	10.0	14.0	15.0	10.0	11.0	10.0	8.0	9.0	3.0	3.0	7.0	5.0	6.0	4.0	7.0	2.0	24	15.0
19	6.0	5.0	1.0	7.0	3.0	7.0	10.0	11.0	9.0	7.0	13.0	12.0	17.0	15.0	16.0	AN	7.0	5.0	6.0	6.0	-1.0	AN	7.0	6.0	22	17.0
20	11.0	7.0	-3.0	AN	3.0	4.0	6.0	3.0	5.0	8.0	AX	AX	BA	BA	6.0	3.0	6.0	6.0	7.0	9.0	6.0	5.0	6.0	7.0	19	11.0
21	8.0	9.0	5.0	5.0	5.0	2.0	3.0	4.0	6.0	3.0	5.0	12.0	6.0	4.0	3.0	9.0	6.0	.0	2.0	2.0	7.0	9.0	-3.0	2.0	24	12.0
22	6.0	5.0	10.0	6.0	2.0	6.0	9.0	10.0	8.0	12.0	14.0	7.0	12.0	6.0	6.0	10.0	6.0	9.0	3.0	6.0	3.0	9.0	4.0	10.0	24	14.0
23	10.0	9.0	9.0	8.0	12.0	7.0	10.0	11.0	7.0	14.0	16.0	18.0	16.0	19.0	19.0	20.0	18.0	17.0	9.0	11.0	11.0	15.0	8.0	8.0	24	20.0
24	6.0	6.0	3.0	8.0	8.0	7.0	4.0	10.0	9.0	11.0	11.0	4.0	3.0	5.0	9.0	-5.0	1.0	-4.0	AN	1.0	5.0	5.0	-1.0	3.0	23	11.0
25	AN	5.0	6.0	1.0	4.0	4.0	1.0	9.0	4.0	9.0	13.0	8.0	5.0	8.0	7.0	5.0	4.0	5.0	7.0	9.0	9.0	7.0	8.0	11.0	23	13.0
26	1.0	7.0	10.0	10.0	7.0	9.0	10.0	13.0	12.0	10.0	7.0	9.0	4.0	6.0	9.0	13.0	5.0	8.0	.0	.0	2.0	8.0	9.0	8.0	24	13.0
27	15.0	12.0	11.0	14.0	9.0	11.0	13.0	18.0	7.0	9.0	9.0	7.0	8.0	7.0	13.0	10.0	7.0	1.0	2.0	3.0	6.0	10.0	20.0	-4.0	24	20.0
28	7.0	8.0	6.0	5.0	6.0	5.0	9.0	10.0	8.0	8.0	11.0	5.0	10.0	10.0	6.0	10.0	6.0	6.0	-3.0	11.0	9.0	10.0	8.0	9.0	24	11.0
29	9.0	9.0	8.0	11.0	8.0	12.0	6.0	14.0	14.0	14.0	12.0	11.0	11.0	7.0	8.0	11.0	11.0	11.0	3.0	5.0	10.0	9.0	11.0	11.0	24	14.0
30	4.0	6.0	8.0	7.0	13.0	14.0	12.0	13.0	13.0	10.0	11.0	7.0	2.0	.0	-3.0	.0	5.0	4.0	-2.0	.0	-1.0	2.0	1.0	7.0	24	14.0
31																									0	
NO.:	29	30	30	29	30	30	30	30	30	30	29	28	28	28	30	29	30	30	29	29	28	28	29	30		
MAX:	15.0	18.0	17.0	15.0	14.0	15.0	19.0	25.0	34.0	23.0	18.0	19.0	17.0	19.0	19.0	21.0	18.0	19.0	20.0	45.0	36.0	19.0	20.0	16.0		
AVG:	7.72	7.70	6.70	7.17	7.33	7.07	9.10	11.77	11.93	10.73	12.34	11.18	10.32	9.07	8.93	9.03	7.97	7.17	5.28	7.28	7.75	8.36	7.79	7.37		

MONTHLY OBSERVATIONS: 703 MONTHLY MEAN: 8.62 MONTHLY MAX: 45.0

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: 37-101-0002 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

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

DAY	HOUR 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	3.0	3.0	4.0	2.0	6.0	4.0	6.0	4.0	6.0	5.0	11.0	2.0	8.0	11.0	7.0	5.0	9.0	10.0	5.0	5.0	8.0	9.0	6.0	6.0	24	11.0
2	1.0	4.0	4.0	5.0	2.0	4.0	5.0	12.0	13.0	11.0	14.0	8.0	12.0	6.0	5.0	4.0	10.0	5.0	1.0	4.0	4.0	8.0	9.0	10.0	24	14.0
3	9.0	8.0	8.0	8.0	6.0	11.0	15.0	12.0	16.0	14.0	15.0	4.0	14.0	15.0	11.0	9.0	-4.0	1.0	.0	4.0	3.0	12.0	7.0	8.0	24	16.0
4	8.0	3.0	5.0	9.0	7.0	9.0	11.0	12.0	15.0	15.0	12.0	12.0	10.0	14.0	12.0	11.0	10.0	10.0	3.0	1.0	8.0	6.0	11.0	4.0	24	15.0
5	7.0	5.0	3.0	4.0	11.0	5.0	7.0	11.0	AX	AX	BA	BA	17.0	15.0	15.0	11.0	7.0	14.0	7.0	8.0	9.0	14.0	9.0	1.0	20	17.0
6	6.0	3.0	3.0	3.0	2.0	4.0	6.0	13.0	15.0	12.0	8.0	13.0	13.0	14.0	14.0	8.0	13.0	9.0	6.0	7.0	3.0	2.0	3.0	7.0	24	15.0
7	3.0	6.0	8.0	5.0	7.0	6.0	10.0	13.0	11.0	10.0	10.0	9.0	6.0	7.0	10.0	6.0	4.0	2.0	.0	-2.0	1.0	4.0	5.0	-5.0	24	13.0
8	10.0	11.0	10.0	12.0	9.0	7.0	19.0	6.0	17.0	17.0	15.0	7.0	9.0	10.0	10.0	6.0	10.0	8.0	3.0	10.0	-5.0	13.0	16.0	11.0	24	19.0
9	5.0	7.0	8.0	4.0	11.0	6.0	10.0	11.0	11.0	9.0	9.0	11.0	9.0	9.0	11.0	5.0	12.0	10.0	12.0	7.0	8.0	7.0	6.0	6.0	24	12.0
10	5.0	9.0	10.0	8.0	6.0	11.0	11.0	8.0	8.0	11.0	11.0	15.0	8.0	13.0	9.0	11.0	8.0	6.0	.0	3.0	1.0	4.0	3.0	4.0	24	15.0
11	7.0	5.0	4.0	5.0	6.0	7.0	8.0	11.0	12.0	AX	BA	BC	BC	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	9	12.0
12	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
13	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
14	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
15	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
16	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
17	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AX	BA	BA	21.0	11.0	11.0	7.0	12.0	25.0	6.0	9.0	5.0	6.0	9.0	11	25.0
18	4.0	5.0	7.0	5.0	7.0	7.0	10.0	8.0	13.0	9.0	10.0	14.0	13.0	11.0	7.0	-1.0	6.0	9.0	2.0	4.0	5.0	6.0	6.0	9.0	24	14.0
19	6.0	7.0	7.0	9.0	6.0	7.0	7.0	15.0	13.0	13.0	19.0	1.0	13.0	9.0	13.0	10.0	12.0	14.0	4.0	11.0	6.0	10.0	6.0	9.0	24	19.0
20	12.0	8.0	7.0	6.0	10.0	7.0	4.0	17.0	20.0	20.0	15.0	15.0	17.0	14.0	14.0	12.0	15.0	11.0	9.0	13.0	17.0	13.0	15.0	15.0	24	20.0
21	18.0	15.0	13.0	13.0	16.0	18.0	16.0	20.0	22.0	24.0	26.0	20.0	21.0	21.0	20.0	22.0	9.0	9.0	14.0	12.0	14.0	17.0	14.0	15.0	24	26.0
22	13.0	17.0	13.0	19.0	16.0	17.0	15.0	18.0	17.0	19.0	22.0	15.0	20.0	18.0	17.0	18.0	14.0	14.0	10.0	14.0	14.0	13.0	13.0	13.0	24	22.0
23	13.0	11.0	15.0	13.0	13.0	11.0	9.0	17.0	23.0	21.0	24.0	21.0	17.0	20.0	16.0	13.0	18.0	7.0	13.0	AO	3.0	5.0	6.0	10.0	23	24.0
24	6.0	7.0	3.0	5.0	5.0	3.0	6.0	6.0	8.0	11.0	16.0	15.0	9.0	12.0	11.0	10.0	15.0	13.0	10.0	13.0	12.0	12.0	14.0	11.0	24	16.0
25	14.0	18.0	10.0	10.0	12.0	11.0	10.0	15.0	20.0	16.0	13.0	14.0	17.0	19.0	13.0	15.0	12.0	12.0	13.0	9.0	15.0	14.0	13.0	11.0	24	20.0
26	9.0	10.0	10.0	8.0	5.0	6.0	8.0	8.0	AX	BA	BA	9.0	12.0	12.0	9.0	17.0	14.0	14.0	11.0	8.0	14.0	16.0	11.0	11.0	21	17.0
27	10.0	10.0	12.0	-1.0	7.0	8.0	9.0	15.0	12.0	8.0	11.0	8.0	13.0	12.0	12.0	14.0	15.0	14.0	13.0	10.0	12.0	14.0	11.0	10.0	24	15.0
28	7.0	10.0	10.0	11.0	11.0	11.0	11.0	10.0	17.0	19.0	16.0	15.0	18.0	14.0	19.0	21.0	12.0	13.0	12.0	13.0	10.0	3.0	8.0	12.0	24	21.0
29	14.0	15.0	16.0	17.0	13.0	17.0	16.0	7.0	8.0	10.0	-1.0	1.0	4.0	4.0	12.0	9.0	7.0	6.0	2.0	.0	-5.0	5.0	3.0	5.0	24	17.0
30	5.0	4.0	8.0	5.0	9.0	7.0	4.0	10.0	11.0	7.0	9.0	6.0	6.0	6.0	6.0	6.0	6.0	10.0	-1.0	5.0	-5.0	4.0	8.0	7.0	24	11.0
31	8.0	8.0	9.0	6.0	8.0	7.0	3.0	15.0	10.0	13.0	14.0	9.0	7.0	6.0	5.0	9.0	5.0	6.0	2.0	5.0	6.0	11.0	18.0	34.0	24	34.0
NO.:	25	25	25	25	25	25	25	25	23	22	22	23	24	25	25	25	25	25	25	24	25	25	25	25		
MAX:	18.0	18.0	16.0	19.0	16.0	18.0	19.0	20.0	23.0	24.0	26.0	21.0	21.0	21.0	20.0	22.0	18.0	14.0	25.0	14.0	17.0	17.0	18.0	34.0		
AVG:	8.12	8.36	8.28	7.64	8.44	8.44	9.44	11.76	13.83	13.36	13.59	10.61	12.21	12.52	11.56	10.48	9.84	9.56	7.04	7.08	6.68	9.08	9.08	9.32		

MONTHLY OBSERVATIONS: 588 MONTHLY MEAN: 9.79 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-101-0002 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	19.0	28.0	16.0	8.0	8.0	12.0	7.0	18.0	16.0	14.0	15.0	11.0	11.0	13.0	12.0	9.0	9.0	10.0	.0	6.0	6.0	9.0	18.0	21.0	24	28.0
2	18.0	27.0	13.0	14.0	14.0	10.0	6.0	21.0	19.0	10.0	9.0	11.0	9.0	9.0	16.0	12.0	10.0	10.0	9.0	7.0	11.0	15.0	17.0	16.0	24	27.0
3	16.0	18.0	17.0	16.0	17.0	14.0	13.0	16.0	15.0	17.0	19.0	23.0	18.0	14.0	12.0	12.0	8.0	15.0	8.0	5.0	8.0	8.0	9.0	10.0	24	23.0
4	5.0	11.0	4.0	2.0	5.0	9.0	6.0	10.0	14.0	13.0	11.0	9.0	9.0	11.0	14.0	13.0	9.0	12.0	6.0	2.0	6.0	5.0	7.0	5.0	24	14.0
5	10.0	5.0	8.0	8.0	6.0	4.0	7.0	7.0	11.0	14.0	11.0	8.0	10.0	11.0	12.0	16.0	8.0	7.0	10.0	8.0	7.0	5.0	7.0	3.0	24	16.0
6	1.0	7.0	8.0	8.0	8.0	7.0	8.0	8.0	8.0	13.0	14.0	8.0	6.0	12.0	8.0	13.0	11.0	8.0	5.0	9.0	8.0	11.0	11.0	11.0	24	14.0
7	9.0	13.0	10.0	13.0	11.0	10.0	13.0	11.0	7.0	10.0	16.0	18.0	16.0	13.0	13.0	17.0	12.0	7.0	10.0	6.0	3.0	9.0	8.0	13.0	24	18.0
8	9.0	11.0	7.0	5.0	6.0	10.0	6.0	5.0	8.0	4.0	.0	6.0	5.0	7.0	3.0	4.0	9.0	3.0	7.0	3.0	6.0	6.0	9.0	8.0	24	11.0
9	13.0	7.0	10.0	8.0	6.0	7.0	8.0	11.0	14.0	AZ	BA	BA	11.0	11.0	12.0	7.0	4.0	11.0	7.0	4.0	5.0	3.0	9.0	7.0	21	14.0
10	9.0	2.0	9.0	9.0	7.0	11.0	10.0	17.0	10.0	10.0	8.0	10.0	7.0	6.0	9.0	9.0	9.0	5.0	-5.0	4.0	7.0	5.0	5.0	10.0	24	17.0
11	2.0	2.0	-1.0	2.0	-1.0	3.0	4.0	5.0	7.0	13.0	11.0	14.0	12.0	7.0	8.0	9.0	8.0	3.0	6.0	4.0	1.0	6.0	5.0	6.0	24	14.0
12	5.0	3.0	6.0	2.0	5.0	.0	2.0	6.0	4.0	12.0	9.0	6.0	6.0	10.0	8.0	5.0	2.0	15.0	-9.0MD	-1.0	-1.0	2.0	3.0	3.0	24	15.0
13	4.0	5.0	6.0	4.0	5.0	6.0	5.0	8.0	10.0	10.0	12.0	.0	4.0	14.0	16.0	9.0	10.0	12.0	9.0	6.0	14.0	12.0	13.0	8.0	24	16.0
14	13.0	13.0	15.0	15.0	15.0	16.0	18.0	16.0	14.0	18.0	10.0	17.0	19.0	11.0	15.0	9.0	12.0	15.0	2.0	.0	3.0	3.0	6.0	6.0	24	19.0
15	10.0	11.0	8.0	10.0	12.0	9.0	13.0	14.0	15.0	14.0	17.0	9.0	29.0	18.0	10.0	7.0	2.0	11.0	3.0	5.0	-3.0	1.0	4.0	3.0	24	29.0
16	.0	2.0	1.0	4.0	1.0	2.0	7.0	9.0	8.0	10.0	3.0	14.0	4.0	11.0	11.0	11.0	11.0	11.0	8.0	6.0	9.0	12.0	14.0	12.0	24	14.0
17	14.0	13.0	13.0	15.0	17.0	16.0	17.0	23.0	19.0	13.0	13.0	14.0	14.0	19.0	9.0	-4.0	.0	5.0	6.0	4.0	6.0	5.0	8.0	6.0	24	23.0
18	17.0	14.0	10.0	12.0	13.0	7.0	14.0	12.0	15.0	19.0	16.0	14.0	13.0	9.0	13.0	11.0	11.0	9.0	7.0	10.0	11.0	12.0	17.0	13.0	24	19.0
19	11.0	5.0	9.0	7.0	6.0	7.0	9.0	12.0	16.0	10.0	11.0	11.0	14.0	11.0	11.0	11.0	13.0	11.0	37.0	16.0	17.0	16.0	13.0	13.0	24	37.0
20	16.0	12.0	11.0	10.0	12.0	14.0	13.0	18.0	21.0	16.0	11.0	12.0	15.0	14.0	16.0	15.0	10.0	13.0	18.0	15.0	23.0	18.0	16.0	18.0	24	23.0
21	22.0	24.0	19.0	16.0	10.0	8.0	10.0	33.0	19.0	18.0	20.0	16.0	14.0	12.0	6.0	19.0	14.0	14.0	8.0	5.0	12.0	12.0	12.0	11.0	24	33.0
22	10.0	8.0	9.0	16.0	11.0	10.0	5.0	11.0	10.0	17.0	12.0	11.0	6.0	8.0	10.0	5.0	7.0	6.0	2.0	4.0	5.0	6.0	6.0	7.0	24	17.0
23	5.0	5.0	10.0	6.0	7.0	10.0	6.0	11.0	AX	BA	BA	17.0	17.0	15.0	15.0	18.0	.0	1.0	4.0	5.0	12.0	12.0	7.0	6.0	21	18.0
24	3.0	6.0	9.0	8.0	8.0	10.0	8.0	10.0	16.0	10.0	15.0	12.0	12.0	9.0	14.0	14.0	8.0	12.0	7.0	12.0	12.0	11.0	11.0	14.0	24	16.0
25	15.0	16.0	13.0	17.0	-2.0	11.0	13.0	15.0	16.0	12.0	12.0	9.0	13.0	10.0	12.0	13.0	10.0	6.0	11.0	10.0	11.0	14.0	14.0	13.0	24	17.0
26	14.0	14.0	14.0	10.0	13.0	13.0	11.0	14.0	15.0	14.0	14.0	14.0	9.0	10.0	8.0	5.0	8.0	10.0	7.0	6.0	10.0	9.0	10.0	8.0	24	15.0
27	13.0	13.0	11.0	7.0	11.0	9.0	5.0	9.0	12.0	11.0	10.0	11.0	10.0	7.0	10.0	6.0	9.0	7.0	3.0	5.0	4.0	10.0	11.0	9.0	24	13.0
28	8.0	7.0	9.0	9.0	9.0	10.0	6.0	BA	BA	12.0	15.0	9.0	14.0	9.0	9.0	12.0	10.0	4.0	-2.0	5.0	10.0	11.0	9.0	5.0	22	15.0
29	3.0	4.0	4.0	AN	.0	.0	1.0	2.0	1.0	2.0	9.0	4.0	4.0	7.0	2.0	-1.0	.0	-1.0	2.0	3.0	2.0	.0	3.0	AN	22	9.0
30	1.0	5.0	2.0	1.0	7.0	3.0	3.0	6.0	4.0	5.0	10.0	10.0	10.0	10.0	5.0	4.0	1.0	11.0	4.0	2.0	8.0	9.0	4.0	10.0	24	11.0
31	8.0	10.0	11.0	5.0	9.0	7.0	7.0	6.0	11.0	14.0	13.0	15.0	10.0	5.0	.0	8.0	12.0	7.0	6.0	11.0	6.0	7.0	8.0	7.0	24	15.0
NO.:	31	31	31	30	31	31	31	30	29	29	29	30	31	31	31	31	31	31	31	31	31	31	31	30		
MAX:	22.0	28.0	19.0	17.0	17.0	16.0	18.0	33.0	21.0	19.0	20.0	23.0	29.0	19.0	16.0	19.0	14.0	15.0	37.0	16.0	23.0	18.0	18.0	21.0		
AVG:	9.77	10.35	9.39	8.90	8.26	8.55	8.42	12.13	12.24	12.24	11.93	11.43	11.32	10.74	10.29	9.61	7.97	8.71	6.32	6.03	7.71	8.52	9.48	9.40		

MONTHLY OBSERVATIONS: 734 MONTHLY MEAN: 9.55 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-101-0002 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

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

DAY	HOUR 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	7.0	6.0	10.0	11.0	5.0	5.0	10.0	11.0	14.0	7.0	6.0	12.0	19.0	-2.0	6.0	7.0	-2.0	1.0	4.0	.0	3.0	2.0	2.0	24	19.0
2	1.0	5.0	3.0	6.0	5.0	4.0	3.0	5.0	6.0	1.0	5.0	13.0	16.0	19.0	14.0	12.0	8.0	9.0	4.0	4.0	6.0	10.0	10.0	7.0	24	19.0
3	6.0	11.0	9.0	6.0	9.0	6.0	6.0	3.0	9.0	7.0	3.0	6.0	3.0	2.0	7.0	4.0	4.0	4.0	-2.0	-1.0	3.0	6.0	10.0	4.0	24	11.0
4	11.0	11.0	8.0	7.0	9.0	13.0	6.0	16.0	18.0	18.0	14.0	16.0	17.0	18.0	15.0	15.0	10.0	15.0	9.0	13.0	16.0	12.0	12.0	12.0	24	18.0
5	14.0	12.0	12.0	12.0	14.0	12.0	13.0	18.0	21.0	16.0	14.0	19.0	14.0	13.0	12.0	10.0	9.0	10.0	5.0	7.0	18.0	5.0	7.0	8.0	24	21.0
6	8.0	5.0	7.0	7.0	10.0	7.0	8.0	8.0	9.0	10.0	14.0	12.0	12.0	13.0	14.0	8.0	AN	6.0	2.0	11.0	11.0	11.0	10.0	13.0	23	14.0
7	9.0	7.0	7.0	8.0	9.0	4.0	6.0	13.0	12.0	10.0	4.0	11.0	8.0	11.0	9.0	10.0	10.0	10.0	-5.0	1.0	6.0	11.0	6.0	9.0	24	13.0
8	10.0	10.0	8.0	10.0	10.0	8.0	4.0	17.0	7.0	AX	BA	BA	5.0	10.0	4.0	8.0	3.0	6.0	.0	-4.0	2.0	10.0	8.0	6.0	21	17.0
9	6.0	8.0	10.0	5.0	5.0	6.0	7.0	15.0	12.0	16.0	8.0	11.0	9.0	8.0	12.0	.0	5.0	8.0	1.0	4.0	6.0	.0	7.0	5.0	24	16.0
10	5.0	3.0	7.0	3.0	6.0	6.0	3.0	7.0	9.0	4.0	9.0	8.0	6.0	4.0	4.0	5.0	-1.0	2.0	1.0	AN	2.0	1.0	2.0	7.0	23	9.0
11	6.0	5.0	5.0	4.0	8.0	5.0	6.0	4.0	6.0	4.0	4.0	4.0	7.0	6.0	6.0	6.0	10.0	3.0	5.0	6.0	7.0	4.0	8.0	3.0	24	10.0
12	6.0	2.0	7.0	7.0	4.0	4.0	8.0	3.0	6.0	4.0	3.0	1.0	2.0	11.0	5.0	7.0	5.0	-3.0	1.0	4.0	.0	6.0	2.0	3.0	24	11.0
13	4.0	5.0	4.0	.0	3.0	5.0	2.0	14.0	11.0	14.0	10.0	14.0	12.0	4.0	8.0	1.0	3.0	6.0	1.0	3.0	1.0	11.0	11.0	9.0	24	14.0
14	7.0	7.0	6.0	8.0	10.0	7.0	8.0	7.0	4.0	7.0	10.0	15.0	13.0	16.0	6.0	9.0	15.0	9.0	8.0	7.0	9.0	12.0	10.0	11.0	24	16.0
15	9.0	9.0	12.0	9.0	8.0	7.0	17.0	15.0	18.0	23.0	14.0	18.0	16.0	16.0	13.0	11.0	12.0	14.0	14.0	14.0	15.0	17.0	17.0	18.0	24	23.0
16	16.0	15.0	15.0	11.0	11.0	16.0	10.0	19.0	20.0	21.0	12.0	16.0	10.0	10.0	10.0	7.0	9.0	8.0	7.0	16.0	14.0	15.0	14.0	14.0	24	21.0
17	16.0	17.0	12.0	17.0	13.0	17.0	12.0	8.0	8.0	14.0	11.0	11.0	7.0	10.0	9.0	5.0	4.0	2.0	3.0	5.0	7.0	7.0	8.0	4.0	24	17.0
18	4.0	6.0	11.0	7.0	8.0	4.0	7.0	8.0	10.0	12.0	9.0	9.0	12.0	11.0	4.0	14.0	7.0	8.0	2.0	6.0	5.0	4.0	7.0	12.0	24	14.0
19	9.0	8.0	8.0	8.0	9.0	10.0	8.0	13.0	14.0	18.0	18.0	15.0	19.0	17.0	15.0	14.0	11.0	8.0	8.0	7.0	8.0	13.0	12.0	11.0	24	19.0
20	12.0	11.0	11.0	12.0	12.0	10.0	11.0	18.0	19.0	19.0	20.0	20.0	15.0	19.0	13.0	8.0	15.0	10.0	2.0	9.0	15.0	9.0	12.0	12.0	24	20.0
21	16.0	11.0	9.0	13.0	12.0	10.0	13.0	12.0	14.0	13.0	AX	BA	BA	18.0	4.0	.0	15.0	12.0	3.0	6.0	8.0	9.0	5.0	8.0	21	18.0
22	10.0	14.0	12.0	10.0	9.0	9.0	11.0	13.0	18.0	15.0	19.0	20.0	17.0	11.0	13.0	12.0	12.0	14.0	13.0	15.0	26.0	31.0	27.0	21.0	24	31.0
23	15.0	16.0	9.0	14.0	12.0	16.0	15.0	19.0	20.0	16.0	13.0	12.0	12.0	10.0	7.0	9.0	2.0	7.0	6.0	14.0	13.0	10.0	10.0	15.0	24	20.0
24	11.0	10.0	11.0	13.0	14.0	14.0	10.0	15.0	15.0	14.0	11.0	8.0	10.0	9.0	7.0	10.0	8.0	10.0	4.0	5.0	9.0	6.0	7.0	9.0	24	15.0
25	7.0	10.0	7.0	8.0	11.0	11.0	13.0	13.0	12.0	11.0	10.0	9.0	8.0	10.0	3.0	7.0	12.0	3.0	2.0	1.0	7.0	1.0	-1.0	4.0	24	13.0
26	3.0	4.0	3.0	3.0	5.0	7.0	4.0	6.0	5.0	9.0	7.0	11.0	5.0	10.0	10.0	4.0	6.0	1.0	-3.0	3.0	4.0	6.0	5.0	5.0	24	11.0
27	4.0	7.0	4.0	3.0	4.0	7.0	5.0	13.0	9.0	8.0	11.0	7.0	11.0	7.0	5.0	8.0	4.0	.0	-2.0	1.0	6.0	6.0	4.0	6.0	24	13.0
28	11.0	9.0	7.0	3.0	5.0	15.0	13.0	16.0	22.0	14.0	19.0	17.0	17.0	20.0	15.0	15.0	16.0	13.0	11.0	14.0	16.0	20.0	21.0	14.0	24	22.0
29	6.0	9.0	5.0	3.0	3.0	4.0	5.0	7.0	8.0	7.0	8.0	12.0	5.0	13.0	8.0	2.0	4.0	7.0	AN	13.0	19.0	15.0	12.0	12.0	23	19.0
30	10.0	9.0	7.0	12.0	9.0	12.0	10.0	15.0	7.0	7.0	12.0	12.0	8.0	5.0	7.0	5.0	.0	2.0	-4.0	5.0	6.0	6.0	10.0	4.0	24	15.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	29	28	28	29	30	30	30	29	30	29	29	30	30	30	30		
MAX:	16.0	17.0	15.0	17.0	14.0	17.0	17.0	19.0	22.0	23.0	20.0	20.0	19.0	20.0	15.0	15.0	16.0	15.0	14.0	16.0	26.0	31.0	27.0	21.0		
AVG:	8.73	8.77	8.07	7.97	8.60	8.70	8.30	11.67	12.00	11.93	10.68	11.89	10.62	11.67	8.57	7.73	7.76	6.73	3.34	6.66	8.83	9.23	9.17	8.93		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: 9.02 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-101-0002 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	5.0	3.0	4.0	4.0	5.0	3.0	5.0	5.0	10.0	5.0	9.0	6.0	8.0	8.0	7.0	2.0	-1.0	1.0	AN	2.0	4.0	6.0	4.0	8.0	23	10.0
2	6.0	5.0	7.0	4.0	9.0	8.0	10.0	5.0	11.0	5.0	8.0	9.0	10.0	7.0	7.0	4.0	4.0	1.0	-4.0	3.0	3.0	5.0	5.0	6.0	24	11.0
3	5.0	7.0	6.0	3.0	5.0	7.0	5.0	10.0	14.0	BA	1.0	9.0	11.0	5.0	2.0	3.0	4.0	1.0	-4.0	-1.0	5.0	3.0	3.0	5.0	23	14.0
4	7.0	4.0	2.0	5.0	-4.0	7.0	1.0	12.0	7.0	7.0	9.0	12.0	8.0	5.0	8.0	8.0	7.0	6.0	4.0	1.0	3.0	8.0	7.0	5.0	24	12.0
5	7.0	3.0	6.0	8.0	5.0	5.0	7.0	13.0	16.0	9.0	AX	BA	BA	7.0	5.0	29.0	5.0	2.0	22.0	3.0	3.0	6.0	5.0	2.0	21	29.0
6	4.0	5.0	1.0	3.0	-1.0	2.0	3.0	5.0	15.0	3.0	10.0	5.0	10.0	4.0	5.0	4.0	5.0	1.0	-4.0	1.0	8.0	9.0	9.0	15.0	24	15.0
7	16.0	11.0	11.0	10.0	6.0	9.0	5.0	11.0	10.0	9.0	12.0	9.0	10.0	11.0	-10.0MD	-3.0	3.0	2.0	4.0	5.0	5.0	3.0	2.0	7.0	24	16.0
8	3.0	9.0	4.0	3.0	4.0	4.0	5.0	3.0	9.0	4.0	11.0	-1.0	.0	5.0	9.0	5.0	2.0	6.0	4.0	6.0	7.0	5.0	9.0	6.0	24	11.0
9	5.0	7.0	5.0	3.0	1.0	7.0	5.0	9.0	5.0	6.0	5.0	6.0	9.0	11.0	8.0	4.0	-1.0	3.0	5.0	3.0	1.0	4.0	6.0	7.0	24	11.0
10	6.0	5.0	4.0	7.0	9.0	8.0	8.0	9.0	11.0	16.0	12.0	16.0	14.0	23.0	-4.0	9.0	8.0	6.0	7.0	5.0	6.0	8.0	4.0	4.0	24	23.0
11	3.0	4.0	4.0	7.0	8.0	6.0	8.0	8.0	9.0	8.0	8.0	11.0	9.0	6.0	9.0	8.0	11.0	6.0	6.0	9.0	11.0	7.0	11.0	11.0	24	11.0
12	5.0	6.0	10.0	12.0	7.0	10.0	11.0	10.0	14.0	18.0	14.0	16.0	10.0	11.0	3.0	6.0	2.0	9.0	-2.0	.0	3.0	-7.0MD	2.0	3.0	24	18.0
13	4.0	6.0	4.0	.0	1.0	-1.0	.0	7.0	4.0	2.0	8.0	6.0	13.0	6.0	12.0	2.0	2.0	9.0	8.0	9.0	11.0	7.0	7.0	8.0	24	13.0
14	4.0	3.0	2.0	3.0	4.0	.0	3.0	4.0	4.0	3.0	4.0	5.0	11.0	2.0	11.0	1.0	7.0	7.0	3.0	6.0	7.0	4.0	5.0	-5.0	24	11.0
15	9.0	8.0	3.0	6.0	9.0	11.0	6.0	6.0	8.0	9.0	9.0	7.0	16.0	11.0	13.0	9.0	7.0	2.0	5.0	5.0	4.0	8.0	7.0	9.0	24	16.0
16	11.0	5.0	4.0	9.0	7.0	8.0	6.0	12.0	11.0	-7.0MD	1.0	-3.0	4.0	1.0	3.0	1.0	3.0	2.0	AN	3.0	6.0	2.0	7.0	2.0	23	12.0
17	2.0	3.0	1.0	1.0	3.0	3.0	.0	2.0	7.0	7.0	5.0	4.0	10.0	4.0	5.0	2.0	4.0	AN	.0	4.0	3.0	5.0	4.0	4.0	23	10.0
18	3.0	4.0	2.0	4.0	6.0	5.0	2.0	3.0	8.0	10.0	9.0	7.0	AX	BA	BA	1.0	3.0	AN	43.0 V	4.0	4.0	4.0	9.0	10.0	20	43.0
19	7.0	11.0	8.0	7.0	6.0	6.0	10.0	7.0	21.0	9.0	10.0	14.0	10.0	8.0	4.0	4.0	4.0	13.0	-2.0	2.0	3.0	4.0	4.0	7.0	24	21.0
20	6.0	3.0	4.0	5.0	5.0	6.0	4.0	8.0	5.0	14.0	14.0	13.0	11.0	7.0	4.0	7.0	9.0	-1.0	-1.0	1.0	8.0	7.0	8.0	13.0	24	14.0
21	13.0	10.0	12.0	14.0	13.0	13.0	15.0	13.0	23.0	18.0	19.0	16.0	11.0	12.0	8.0	9.0	16.0	6.0	8.0	15.0	12.0	13.0	11.0	14.0	24	23.0
22	18.0	14.0	12.0	17.0	18.0	15.0	14.0	15.0	16.0	17.0	17.0	13.0	7.0	8.0	8.0	6.0	4.0	4.0	-2.0	8.0	6.0	5.0	10.0	6.0	24	18.0
23	8.0	10.0	3.0	2.0	10.0	4.0	6.0	4.0	3.0	5.0	4.0	11.0	11.0	.0	3.0	4.0	3.0	1.0	1.0	4.0	7.0	5.0	-8.0MD	-2.0	24	11.0
24	-2.0	-3.0	2.0	-2.0	2.0	5.0	2.0	6.0	7.0	7.0	9.0	9.0	12.0	3.0	1.0	7.0	5.0	-4.0	-3.0	4.0	4.0	3.0	9.0	6.0	24	12.0
25	7.0	-2.0	1.0	4.0	4.0	8.0	5.0	.0	8.0	10.0	7.0	7.0	8.0	5.0	-2.0	3.0	6.0	.0	AN	.0	7.0	8.0	11.0	5.0	23	11.0
26	6.0	3.0	4.0	4.0	6.0	28.0	2.0	5.0	11.0	10.0	10.0	9.0	6.0	6.0	6.0	.0	4.0	AN	-3.0	3.0	10.0	16.0	14.0	12.0	23	28.0
27	10.0	9.0	9.0	10.0	16.0	20.0	13.0	11.0	20.0	18.0	18.0	14.0	10.0	8.0	5.0	11.0	7.0	-2.0	-1.0	7.0	7.0	4.0	9.0	4.0	24	20.0
28	9.0	20.0	29.0	29.0	27.0	23.0	20.0	12.0	18.0	14.0	15.0	11.0	4.0	1.0	14.0	9.0	10.0	4.0	4.0	12.0	5.0	5.0	7.0	7.0	24	29.0
29	3.0	3.0	1.0	2.0	5.0	4.0	4.0	1.0	4.0	10.0	8.0	5.0	8.0	10.0	12.0	18.0	AN	-5.0	-1.0	-8.0	-7.0MD	-2.0	-3.0	.0	23	18.0
30	2.0	3.0	4.0	.0	5.0	3.0	7.0	.0	-1.0	10.0	7.0	6.0	8.0	1.0	7.0	2.0	8.0	AN	2.0	5.0	2.0	2.0	5.0	6.0	23	10.0
31	3.0	5.0	9.0	6.0	8.0	8.0	6.0	6.0	7.0	12.0	13.0	11.0	12.0	9.0	9.0	6.0	9.0	-1.0	2.0	5.0	9.0	8.0	12.0	12.0	24	13.0
NO.:	31	31	31	31	31	31	31	31	31	30	30	30	29	30	30	31	30	27	28	31	31	31	31	31		
MAX:	18.0	20.0	29.0	29.0	27.0	28.0	20.0	15.0	23.0	18.0	19.0	16.0	16.0	23.0	14.0	29.0	16.0	13.0	43.0	15.0	12.0	16.0	14.0	15.0		
AVG:	6.29	5.94	5.74	6.13	6.74	7.90	6.39	7.16	10.16	8.93	9.53	8.77	9.34	6.83	5.73	5.84	5.33	2.93	3.61	4.06	5.39	5.32	6.29	6.35		

MONTHLY OBSERVATIONS: 729 MONTHLY MEAN: 6.55 MONTHLY MAX: 43.0

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: 37-101-0002 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

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

DAY	HOUR 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	9.0	14.0	11.0	10.0	8.0	14.0	12.0	14.0	18.0	20.0	22.0	20.0	17.0	3.0	11.0	8.0	4.0	-1.0	2.0	2.0	7.0	11.0	5.0	7.0	24	22.0
2	10.0	9.0	13.0	8.0	7.0	9.0	8.0	11.0	12.0	14.0	13.0	9.0	.0	11.0	4.0	.0	1.0	-10.0MD	.0	12.0	5.0	10.0	3.0	6.0	24	14.0
3	6.0	10.0	6.0	4.0	7.0	9.0	8.0	6.0	8.0	21.0	AX	BA	BA	9.0	11.0	12.0	13.0	11.0	12.0	16.0	15.0	19.0	26.0	24.0	21	26.0
4	14.0	20.0	18.0	16.0	10.0	14.0	10.0	13.0	14.0	14.0	14.0	13.0	10.0	10.0	7.0	11.0	10.0	9.0	3.0	10.0	7.0	6.0	6.0	9.0	24	20.0
5	7.0	8.0	11.0	11.0	12.0	8.0	8.0	5.0	4.0	6.0	10.0	10.0	9.0	9.0	9.0	8.0	6.0	6.0	8.0	4.0	8.0	8.0	7.0	5.0	24	12.0
6	1.0	12.0	9.0	7.0	6.0	5.0	5.0	5.0	12.0	17.0	BA	BA	BA	12.0	10.0	24.0	11.0	13.0	21.0	26.0	15.0	15.0	15.0	15.0	21	26.0
7	18.0	17.0	16.0	18.0	17.0	21.0	21.0	16.0	21.0	21.0	22.0	22.0	28.0	28.0	24.0	28.0	21.0	6.0	8.0	8.0	AN	1.0	1.0	3.0	23	28.0
8	.0	.0	3.0	2.0	4.0	1.0	3.0	1.0	4.0	5.0	3.0	6.0	3.0	2.0	.0	3.0	1.0	.0	2.0	4.0	2.0	2.0	4.0	5.0	24	6.0
9	3.0	8.0	3.0	5.0	1.0	6.0	-1.0	4.0	3.0	3.0	8.0	4.0	4.0	2.0	2.0	-1.0	5.0	1.0	1.0	1.0	-1.0	.0	1.0	6.0	24	8.0
10	2.0	4.0	1.0	4.0	3.0	4.0	1.0	3.0	5.0	8.0	8.0	13.0	7.0	9.0	10.0	13.0	7.0	3.0	8.0	9.0	7.0	-2.0	7.0	.0	24	13.0
11	2.0	.0	4.0	3.0	2.0	4.0	6.0	2.0	2.0	6.0	6.0	5.0	2.0	10.0	8.0	11.0	4.0	2.0	6.0	10.0	7.0	10.0	8.0	13.0	24	13.0
12	12.0	7.0	10.0	8.0	9.0	12.0	10.0	6.0	8.0	14.0	10.0	5.0	11.0	10.0	9.0	11.0	8.0	11.0	8.0	9.0	8.0	14.0	12.0	8.0	24	14.0
13	15.0	11.0	14.0	8.0	8.0	6.0	4.0	7.0	8.0	10.0	9.0	9.0	16.0	13.0	13.0	10.0	-7.0MD	3.0	5.0	8.0	9.0	9.0	8.0	15.0	24	16.0
14	12.0	12.0	15.0	17.0	19.0	21.0	15.0	19.0	21.0	17.0	21.0	14.0	15.0	10.0	9.0	11.0	4.0	4.0	12.0	12.0	11.0	15.0	12.0	11.0	24	21.0
15	12.0	11.0	11.0	10.0	6.0	8.0	10.0	10.0	6.0	12.0	18.0	18.0	12.0	13.0	9.0	11.0	6.0	1.0	7.0	10.0	19.0	17.0	9.0	14.0	24	19.0
16	14.0	15.0	14.0	15.0	12.0	12.0	16.0	11.0	10.0	20.0	AZ	BA	BA	7.0	5.0	4.0	5.0	-5.0	7.0	19.0	12.0	14.0	11.0	11.0	21	20.0
17	7.0	6.0	9.0	6.0	3.0	6.0	5.0	5.0	3.0	6.0	10.0	13.0	11.0	8.0	2.0	4.0	-2.0	-2.0	4.0	15.0	16.0	16.0	17.0	14.0	24	17.0
18	12.0	19.0	13.0	16.0	15.0	15.0	15.0	22.0	10.0	18.0	20.0	16.0	12.0	7.0	9.0	4.0	5.0	6.0	10.0	6.0	11.0	8.0	10.0	5.0	24	22.0
19	5.0	7.0	7.0	9.0	4.0	8.0	1.0	-3.0	AN	.0	7.0	5.0	6.0	1.0	6.0	4.0	-7.0MD	-4.0	-9.0MD	1.0	-1.0	2.0	.0	2.0	23	9.0
20	4.0	5.0	5.0	8.0	5.0	8.0	7.0	.0	4.0	12.0	10.0	8.0	9.0	9.0	5.0	7.0	2.0	1.0	1.0	7.0	5.0	21.0	51.0 V	28.0	24	51.0
21	17.0	14.0	14.0	13.0	11.0	14.0	10.0	14.0	30.0	20.0	15.0	13.0	17.0	7.0	7.0	8.0	10.0	6.0	10.0	8.0	7.0	8.0	10.0	10.0	24	30.0
22	10.0	12.0	12.0	10.0	13.0	12.0	12.0	11.0	8.0	12.0	14.0	12.0	10.0	5.0	5.0	5.0	3.0	1.0	-8.0MD	5.0	3.0	-1.0	5.0	5.0	24	14.0
23	5.0	5.0	5.0	6.0	6.0	4.0	6.0	7.0	10.0	4.0	14.0	5.0	7.0	10.0	6.0	10.0	7.0	6.0	9.0	13.0	10.0	13.0	12.0	6.0	24	14.0
24	12.0	13.0	8.0	14.0	15.0	18.0	16.0	14.0	9.0	14.0	14.0	13.0	14.0	10.0	12.0	6.0	.0	AN	13.0	10.0	10.0	11.0	16.0	19.0	23	19.0
25	21.0	18.0	17.0	15.0	17.0	19.0	16.0	13.0	8.0	18.0	23.0	21.0	17.0	13.0	21.0	15.0	15.0	7.0	13.0	28.0	27.0	26.0	18.0	18.0	24	28.0
26	22.0	22.0	8.0	17.0	11.0	8.0	8.0	5.0	5.0	8.0	8.0	14.0	8.0	11.0	5.0	2.0	1.0	-10.0MD	10.0	15.0	15.0	10.0	13.0	8.0	24	22.0
27	12.0	11.0	13.0	17.0	13.0	10.0	10.0	2.0	2.0	12.0	13.0	12.0	12.0	9.0	9.0	8.0	-2.0	-7.0MD	5.0	5.0	8.0	11.0	6.0	10.0	24	17.0
28	9.0	11.0	9.0	16.0	14.0	14.0	12.0	10.0	15.0	18.0	22.0	16.0	15.0	8.0	7.0	2.0	1.0	2.0	8.0	-5.0	10.0	11.0	12.0	13.0	24	22.0
29	11.0	17.0	18.0	19.0	13.0	14.0	13.0	14.0	13.0	24.0	30.0	AX	BA	BA	12.0	8.0	7.0	6.0	29.0	19.0	20.0	18.0	36.0	21.0	21	36.0
30	25.0	17.0	17.0	17.0	19.0	16.0	20.0	15.0	20.0	24.0	23.0	21.0	20.0	12.0	9.0	12.0	7.0	8.0	12.0	17.0	16.0	21.0	9.0	18.0	24	25.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	29	30	27	26	26	29	30	30	30	29	30	30	29	30	30	30		
MAX:	25.0	22.0	18.0	19.0	19.0	21.0	21.0	22.0	30.0	24.0	30.0	22.0	28.0	28.0	24.0	28.0	21.0	13.0	29.0	28.0	27.0	26.0	51.0	28.0		
AVG:	10.30	11.17	10.47	10.97	9.67	10.67	9.57	8.73	10.10	13.27	14.33	12.19	11.23	9.24	8.53	8.63	4.87	2.55	7.23	10.13	9.93	10.80	11.67	10.97		

MONTHLY OBSERVATIONS: 705 MONTHLY MEAN: 9.86 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-101-0002 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	22.0	23.0	23.0	22.0	20.0	20.0	20.0	16.0	22.0	24.0	20.0	17.0	15.0	14.0	11.0	10.0	9.0	5.0	8.0	10.0	11.0	13.0	11.0	13.0	24	24.0
2	4.0	10.0	15.0	13.0	12.0	15.0	10.0	15.0	12.0	15.0	13.0	11.0	11.0	4.0	10.0	12.0	19.0	12.0	19.0	13.0	18.0	14.0	18.0	19.0	24	19.0
3	18.0	17.0	17.0	21.0	15.0	16.0	15.0	18.0	10.0	11.0	13.0	20.0	19.0	17.0	15.0	15.0	9.0	8.0	10.0	16.0	14.0	16.0	1.0	17.0	24	21.0
4	9.0	13.0	13.0	11.0	13.0	14.0	17.0	13.0	16.0	11.0	12.0	20.0	14.0	12.0	12.0	7.0	5.0	2.0	4.0	10.0	.0	13.0	15.0	9.0	24	20.0
5	16.0	13.0	10.0	14.0	12.0	10.0	16.0	10.0	20.0	15.0	8.0	22.0	13.0	7.0	8.0	12.0	7.0	6.0	2.0	11.0	12.0	8.0	11.0	14.0	24	22.0
6	13.0	10.0	10.0	16.0	16.0	16.0	14.0	16.0	-3.0	1.0	3.0	2.0	5.0	4.0	1.0	2.0	3.0	4.0	8.0	10.0	7.0	11.0	8.0	9.0	24	16.0
7	10.0	13.0	10.0	10.0	9.0	9.0	9.0	9.0	6.0	6.0	7.0	3.0	2.0	2.0	8.0	6.0	8.0	9.0	6.0	8.0	10.0	6.0	10.0	10.0	24	13.0
8	10.0	6.0	8.0	8.0	9.0	11.0	5.0	9.0	9.0	10.0	11.0	14.0	9.0	6.0	3.0	4.0	2.0	3.0	2.0	3.0	-1.0	2.0	1.0	6.0	24	14.0
9	.0	.0	.0	2.0	5.0	1.0	3.0	.0	2.0	4.0	2.0	-1.0	-1.0	1.0	1.0	.0	3.0	2.0	5.0	7.0	8.0	4.0	13.0	11.0	24	13.0
10	14.0	13.0	14.0	9.0	5.0	7.0	9.0	5.0	3.0	6.0	9.0	14.0	12.0	11.0	7.0	5.0	5.0	-1.0	5.0	6.0	8.0	7.0	8.0	11.0	24	14.0
11	10.0	10.0	10.0	10.0	9.0	11.0	15.0	14.0	10.0	18.0	15.0	15.0	AX	BA	BA	8.0	6.0	-10.0MD	16.0	7.0	12.0	13.0	12.0	10.0	21	18.0
12	9.0	9.0	12.0	12.0	13.0	10.0	9.0	9.0	13.0	23.0	14.0	11.0	21.0	12.0	12.0	1.0	4.0	1.0	-1.0	.0	3.0	3.0	1.0	3.0	24	23.0
13	2.0	.0	2.0	2.0	3.0	5.0	25.0	9.0	9.0	4.0	5.0	10.0	6.0	7.0	5.0	4.0	-2.0	-1.0	4.0	3.0	6.0	10.0	9.0	8.0	24	25.0
14	5.0	5.0	9.0	11.0	8.0	11.0	9.0	9.0	9.0	15.0	14.0	23.0	-4.0	12.0	12.0	8.0	.0	.0	-7.0MD	10.0	14.0	17.0	12.0	9.0	24	23.0
15	9.0	8.0	8.0	12.0	9.0	5.0	14.0	6.0	8.0	9.0	15.0	21.0	10.0	12.0	14.0	13.0	-5.0	10.0	15.0	15.0	14.0	12.0	15.0	21.0	24	21.0
16	16.0	15.0	11.0	8.0	17.0	16.0	13.0	14.0	11.0	11.0	16.0	19.0	13.0	15.0	16.0	8.0	8.0	-2.0	11.0	16.0	16.0	20.0	20.0	22.0	24	22.0
17	27.0	30.0	21.0	24.0	19.0	22.0	20.0	21.0	18.0	26.0	17.0	19.0	25.0	19.0	16.0	15.0	14.0	17.0	14.0	12.0	12.0	12.0	16.0	14.0	24	30.0
18	17.0	12.0	16.0	16.0	3.0	16.0	12.0	15.0	19.0	18.0	29.0	32.0	25.0	24.0	17.0	9.0	10.0	12.0	10.0	17.0	22.0	24.0	26.0	25.0	24	32.0
19	14.0	20.0	23.0	16.0	21.0	23.0	27.0	26.0	33.0	31.0	32.0	AX	BA	BA	16.0	12.0	-7.0MD	5.0	6.0	13.0	14.0	9.0	15.0	18.0	21	33.0
20	18.0	21.0	17.0	14.0	14.0	12.0	12.0	10.0	11.0	15.0	14.0	20.0	21.0	8.0	6.0	9.0	7.0	9.0	14.0	7.0	8.0	8.0	13.0	11.0	24	21.0
21	7.0	5.0	7.0	3.0	12.0	15.0	5.0	12.0	11.0	13.0	10.0	16.0	9.0	13.0	11.0	9.0	3.0	7.0	2.0	6.0	8.0	8.0	12.0	12.0	24	16.0
22	12.0	13.0	12.0	11.0	11.0	11.0	9.0	9.0	11.0	12.0	11.0	10.0	11.0	13.0	10.0	10.0	10.0	5.0	7.0	10.0	10.0	9.0	12.0	11.0	24	13.0
23	7.0	10.0	11.0	12.0	11.0	11.0	13.0	13.0	17.0	15.0	18.0	14.0	21.0	20.0	17.0	4.0	12.0	5.0	7.0	14.0	9.0	5.0	10.0	10.0	24	21.0
24	9.0	4.0	-1.0	-1.0	-3.0	.0	-1.0	-1.0	.0	3.0	-1.0	3.0	7.0	5.0	3.0	6.0	11.0	4.0	7.0	11.0	7.0	5.0	10.0	8.0	24	11.0
25	8.0	8.0	9.0	6.0	5.0	1.0	AN	2.0	2.0	4.0	9.0	5.0	2.0	9.0	7.0	3.0	.0	4.0	3.0	9.0	8.0	10.0	9.0	11.0	23	11.0
26	9.0	8.0	6.0	3.0	3.0	5.0	3.0	4.0	-2.0	4.0	8.0	10.0	10.0	8.0	4.0	8.0	2.0	156.0 V	2.0	10.0	13.0	10.0	19.0	16.0	24	156.0
27	16.0	8.0	7.0	10.0	8.0	9.0	5.0	8.0	6.0	10.0	9.0	3.0	5.0	5.0	7.0	7.0	8.0	5.0	8.0	12.0	9.0	8.0	6.0	9.0	24	16.0
28	9.0	12.0	17.0	18.0	12.0	8.0	7.0	5.0	1.0	4.0	10.0	12.0	7.0	5.0	6.0	3.0	8.0	3.0	4.0	9.0	10.0	8.0	11.0	9.0	24	18.0
29	10.0	10.0	10.0	20.0	11.0	9.0	11.0	13.0	12.0	7.0	7.0	18.0	13.0	15.0	16.0	13.0	8.0	9.0	11.0	13.0	15.0	15.0	16.0	23.0	24	23.0
30	19.0	18.0	23.0	18.0	21.0	18.0	18.0	19.0	20.0	21.0	22.0	22.0	26.0	9.0	15.0	17.0	12.0	11.0	15.0	25.0	20.0	16.0	16.0	16.0	24	26.0
31	9.0	9.0	5.0	5.0	5.0	7.0	17.0	9.0	7.0	6.0	9.0	9.0	8.0	7.0	8.0	6.0	3.0	6.0	2.0	4.0	6.0	6.0	4.0	4.0	24	17.0
NO.:	31	31	31	31	31	31	30	31	31	31	31	30	29	29	30	31	31	31	31	31	31	31	31	31		
MAX:	27.0	30.0	23.0	24.0	21.0	23.0	27.0	26.0	33.0	31.0	32.0	32.0	26.0	24.0	17.0	17.0	19.0	156.0	19.0	25.0	22.0	24.0	26.0	25.0		
AVG:	11.55	11.39	11.45	11.48	10.58	11.10	12.03	10.87	10.42	12.00	12.29	13.80	11.55	10.21	9.80	7.94	5.87	9.87	7.06	10.23	10.42	10.39	11.61	12.55		

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: 10.68 MONTHLY MAX: 156.0

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: 37-121-0004 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: (145) R & P Model 2025 PM-2.5 Sequential
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2017

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	6.1			1.6 V	4.9				3.4	4.4		
2			2.8					10.7				
3		4.1				8.6	5.8				8.7	10.9 6
4	2.4			4.1	6.2				7.4	8.2		
5			10.1					5.6				
6		9.1				5.5	AS				8.9	2.2
7	6.0 V			2.2	3.2				5.0	6.6		
8			2.9					5.1				
9		2.3				5.4	AS				1.6 V	AV
10	8.8 V			31.9	AV				SA	5.2		
11			2.5					7.2				
12		8.8				8.5	AS				8.7	AV
13	8.4			13.4	2.7				SA	2.7		
14			4.2					5.5	7.1			
15		3.7				6.1	AS				9.8	12.9
16	7.8			12.0	11.0				6.1	2.2		
17			8.9					6.0	7.3			
18		6.8				6.1	AS				11.1	AN
19	6.1			6.0	9.8				10.8	AM		
20			6.5					10.2				2.0
21		13.3				8.0	13.0				11.8	7.7
22	3.0			4.9	5.7				8.6	7.1		
23			8.1					8.5				
24		9.5				3.3	7.4 1				13.1	1.7 V
25	6.0			2.8	4.2				6.5	3.9		
26			5.5					11.6				
27		8.7				6.1	13.0				5.7	AN
28	3.1			8.7	2.8				12.9	5.8		
29			6.0					4.0				
30						2.3	4.1				16.8	AN
31	5.3				6.5					8.8		
NO.:	11	9	10	10	10	10	5	10	10	10	10	6
MAX:	8.8	13.3	10.1	31.9	11.0	8.6	13.0	11.6	12.9	8.8	16.8	12.9
MEAN:	5.73	7.37	5.75	8.76	5.70	5.99	8.66	7.44	7.51	5.49	9.62	6.23

ANNUAL OBSERVATIONS: 111 ANNUAL MEAN: 6.96 ANNUAL 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-121-0004 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2017

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

DAY	HOUR 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	9.0	13.0	12.0	9.0	6.0	2.0	4.0	7.0	5.0	8.0	3.0	1.0	3.0	6.0	1.0	4.0	.0	3.0	5.0	1.0	4.0	6.0	1.0	24	13.0
2	1.0	.0	1.0	3.0	2.0	.0	.0	3.0	3.0	2.0	-3.0	2.0	.0	-3.0	3.0	1.0	.0	3.0	3.0	2.0	5.0	4.0	1.0	.0	24	5.0
3	-1.0	-1.0	1.0	-1.0	-6.0MD	1.0	-3.0	-1.0	-1.0	-2.0	.0	.0	-1.0	1.0	AX	BA	6.0	5.0	.0	.0	1.0	.0	-4.0	1.0	22	6.0
4	1.0	1.0	4.0	2.0	-1.0	-4.0	.0	3.0	-1.0	.0	2.0	4.0	-2.0	.0	.0	3.0	5.0	.0	2.0	5.0	3.0	5.0	4.0	2.0	24	5.0
5	7.0	3.0	6.0	3.0	7.0	7.0	3.0	6.0	1.0	3.0	BA	6.4	2.5	4.1	3.2	8.4	4.6	6.2	4.7	5.4	6.4	8.2	9.8	13.7	23	13.7
6	5.0	3.9	8.8	6.3	6.6	6.7	4.5	1.7	1.1	2.8	1.5	3.2	3.4	-.3	2.9	7.5	4.2	4.4	3.6	5.6	8.9	7.5	10.3	5.7	24	10.3
7	2.0	.4	2.6	7.1	3.2	6.1	4.0	2.9	4.5	6.5	6.2	5.2	4.1	10.7	9.5	9.2	8.5	8.4	8.0	7.6	5.8	5.3	6.2	5.4	24	10.7
8	6.4	8.2	5.9	8.9	7.5	7.0	5.0	4.9	7.6	4.0	6.2	8.1	7.6	9.7	7.8	6.4	5.8	3.4	8.2	8.1	8.1	6.6	5.3	8.5	24	9.7
9	9.5	13.4	11.7	11.0	14.7	10.9	13.8	10.6	5.4	5.6	4.2	5.6	9.0	11.3	8.9	13.5	10.8	11.0	11.0	9.3	12.7	17.2	22.1	18.6	24	22.1
10	11.8	10.6	6.8	7.9	7.4	11.5	14.1	14.1	14.5	10.4	11.0	9.1	12.4	11.5	10.0	9.8	13.3	13.4	10.5	9.9	10.0	7.3	8.9	10.1	24	14.5
11	7.3	6.6	6.4	12.4	12.8	11.8	11.3	14.0	15.7	11.6	13.9	11.8	9.1	7.9	7.6	7.7	9.8	11.9	10.7	9.8	14.0	12.3	14.4	23.4	24	23.4
12	14.5	8.2	10.0	11.4	10.4	21.6	36.0	31.6	20.5	29.6	21.8	17.9	16.2	12.3	4.9	-.8	8.2	5.6	2.4	6.3	17.1	27.1	26.2	32.0	24	36.0
13	25.8	23.3	19.1	18.4	7.7	6.5	5.5	4.3	7.7	5.8	8.7	6.2	7.7	7.7	5.2	2.8	3.5	4.0	6.3	4.3	5.7	6.8	4.8	3.6	24	25.8
14	6.7	6.9	8.0	8.0	11.0	7.9	10.1	9.8	9.1	3.8	2.1	2.7	3.5	4.2	5.2	1.7	2.5	3.7	5.9	3.6	6.6	4.0	5.5	7.3	24	11.0
15	5.9	4.4	3.5	3.3	4.1	1.3	4.3	2.0	.9	.5	1.9	-.6	4.1	5.8	-.5	-1.3	2.2	.7	1.9	2.1	2.4	2.9	4.3	8.1	24	8.1
16	9.4	13.3	11.4	7.9	4.9	6.3	3.8	3.0	2.4	4.0	5.6	7.4	7.9	6.9	9.2	12.3	9.0	11.3	11.5	12.0	11.3	11.7	9.0	6.8	24	13.3
17	5.0	6.8	4.3	3.3	8.2	6.8	6.5	6.1	6.5	5.6	6.0	AX	11.5	10.6	5.1	8.2	9.6	7.3	8.0	6.7	9.4	10.7	12.2	11.5	23	12.2
18	11.1	16.3	16.0	2.9	5.0	2.1	-1.2	-.6	.0	AX	BA	3.1	1.4	1.6	.9	2.4	4.5	2.4	4.2	4.3	6.2	7.1	8.0	1.7	22	16.3
19	2.6	2.9	2.4	2.5	4.8	3.1	6.1	5.9	9.9	7.2	6.5	9.7	8.6	4.2	5.2	5.9	8.9	3.8	7.6	6.0	6.5	8.0	5.2	7.6	24	9.9
20	7.8	6.6	4.0	5.0	6.2	6.7	5.0	7.4	8.6	8.5	14.1	13.5	5.4	1.7	4.2	2.8	8.5	5.1	12.1	14.4	10.8	9.3	8.7	8.4	24	14.4
21	5.4	7.1	6.1	5.9	7.1	5.0	5.5	4.8	5.8	3.6	3.0	4.2	10.6	10.5	9.8	9.3	7.7	6.3	4.0	5.0	5.5	5.3	4.1	7.2	24	10.6
22	8.6	5.8	3.0	2.8	5.6	4.8	3.1	1.4	.6	.4	.0	-1.9	-3.5	1.1	7.7	1.4	1.5	-.1	-.1	.5	1.8	-1.3	-.4	-.8	24	8.6
23	-2.2	1.3	.7	.2	-1.5	-.5	1.7	1.0	.9	3.6	3.1	2.1	1.7	.3	.1	2.3	-.6	-.4	1.1	-2.1	-3.6	-.8	-1.2	1.8	24	3.6
24	1.7	-1.1	1.2	AV	-4.7	-3.8	-.3	-.1	-.2	-.1	2.9	1.9	.0	2.9	4.5	.5	-.8	1.7	1.6	.1	-.2	1.1	1.2	1.9	23	4.5
25	2.4	1.7	4.5	2.8	2.0	.6	2.5	3.4	5.5	-.9	1.7	4.4	.9	2.2	3.8	1.2	4.9	6.0	7.7	9.0	13.7	16.0	17.0	12.2	24	17.0
26	14.6	14.4	8.3	10.8	9.5	2.2	4.4	4.1	2.1	-.4	2.5	.1	1.7	3.0	5.6	6.2	4.2	4.0	3.5	1.0	3.0	5.7	5.7	2.7	24	14.6
27	2.4	5.1	4.2	5.6	4.9	5.7	4.9	4.2	4.7	3.3	3.0	3.9	4.3	4.5	4.8	4.9	2.7	6.6	1.5	3.8	5.7	5.6	6.0	4.9	24	6.6
28	1.9	1.3	2.1	.3	3.8	3.2	2.5	4.0	2.0	-.6	4.1	3.0	2.7	3.2	5.9	3.3	3.6	1.0	3.3	6.2	4.2	4.9	.5	4.4	24	6.2
29	2.8	2.5	3.3	5.2	3.4	4.2	2.3	3.3	3.5	1.4	3.3	2.2	4.9	2.4	2.9	1.6	1.8	1.4	.9	2.6	1.8	1.1	4.2	3.3	24	5.2
30	.7	5.6	4.2	1.8	1.0	5.4	1.8	1.6	2.8	1.6	3.3	3.3	2.9	3.7	1.2	3.1	3.9	6.3	4.9	1.9	3.7	3.3	3.0	4.2	24	6.3
31	7.6	15.5	22.9	15.4	2.7	3.7	1.0	.5	4.1	2.4	5.9	5.2	.5	4.1	1.9	1.7	8.5	9.1	4.7	3.5	.5	1.1	4.9	5.3	24	22.9
NO.:	31	31	31	30	31	31	31	31	31	30	29	30	31	31	30	30	31	31	31	31	31	31	31	31		
MAX:	25.8	23.3	22.9	18.4	14.7	21.6	36.0	31.6	20.5	29.6	21.8	17.9	16.2	12.3	10.0	13.5	13.3	13.4	12.1	14.4	17.1	27.1	26.2	32.0		
AVG:	6.15	6.55	6.66	6.20	5.14	5.06	5.17	5.19	5.01	4.27	5.16	4.89	4.49	4.80	4.88	4.57	5.36	4.92	5.09	5.13	6.06	6.68	6.87	7.21		

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: 5.48 MONTHLY MAX: 36.0

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: 37-121-0004 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2017

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

DAY	HOUR 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	8.0	8.0	8.0	11.0	12.0	20.0	11.0	14.0	19.0	27.0	26.0	13.0	11.0	5.0	10.0	10.0	4.0	6.0	4.0	8.0	3.0	15.0	7.0	7.0	24	27.0
2	12.0	9.0	7.0	9.0	13.0	9.0	7.0	7.0	9.0	8.0	9.0	10.0	6.0	AX	BA	11.0	6.0	3.0	4.0	4.0	1.0	2.0	6.0	1.0	22	13.0
3	9.0	2.0	5.0	5.0	5.0	5.0	.0	3.0	2.0	5.0	5.0	6.0	6.0	2.0	3.0	5.0	6.0	1.0	5.0	.0	-1.0	1.0	2.0	4.0	24	9.0
4	2.0	1.0	3.0	4.0	4.0	-1.0	3.0	1.0	3.0	-2.0	3.0	9.0	2.0	-1.0	1.0	3.0	3.0	2.0	2.0	6.0	1.0	5.0	6.0	6.0	24	9.0
5	3.0	5.0	7.0	5.0	8.0	6.0	5.0	7.0	6.0	2.0	4.0	4.0	7.0	-1.0	4.0	4.0	4.0	4.0	8.0	6.0	7.0	4.0	5.0	6.0	24	8.0
6	7.0	12.0	7.0	8.0	8.0	10.0	5.0	7.0	15.0	3.0	11.0	5.0	7.0	10.0	4.0	10.0	2.0	6.0	6.0	5.0	8.0	12.0	9.0	13.0	24	15.0
7	11.0	12.0	11.0	11.0	14.0	12.0	8.0	15.0	7.0	11.0	11.0	14.0	7.0	3.0	7.0	2.0	9.0	10.0	10.0	6.0	7.0	6.0	8.0	8.0	24	15.0
8	5.0	9.0	11.0	6.0	7.0	4.0	4.0	3.0	3.0	2.0	4.0	1.0	4.0	2.0	4.0	5.0	1.0	8.0	6.0	6.0	11.0	4.0	7.0	7.0	24	11.0
9	9.0	.0	-1.0	1.0	5.0	-1.0	AN	AN	AN	-1.0	-1.0	6.0	-3.0	5.0	2.0	-1.0	3.0	2.0	3.0	1.0	-1.0	7.0	4.0	5.0	21	9.0
10	2.0	6.0	.0	4.0	4.0	6.0	3.0	6.0	6.0	-5.0	3.0	4.0	-3.0	5.0	5.0	.0	5.0	1.0	3.0	3.0	17.0	9.0	11.0	10.0	24	17.0
11	10.0	11.0	15.0	14.0	5.0	6.0	5.0	4.0	5.0	7.0	10.0	2.0	9.0	18.0	7.0	1.0	5.0	4.0	2.0	5.0	4.0	4.0	9.0	4.0	24	18.0
12	1.0	4.0	7.0	4.0	11.0	7.0	8.0	4.0	10.0	7.0	7.0	13.0	13.0	11.0	7.0	7.0	13.0	8.0	8.0	8.0	6.0	8.0	.0	1.0	24	13.0
13	2.0	2.0	.0	2.0	2.0	3.0	5.0	1.0	2.0	-2.0	.0	2.0	1.0	AZ	1.0	-2.0	-2.0	2.0	1.0	.0	2.0	2.0	5.0	11.0	23	11.0
14	10.0	9.0	10.0	10.0	7.0	5.0	14.0	11.0	8.0	15.0	11.0	11.0	7.0	4.0	3.0	3.0	-3.0	.0	4.0	-2.0	3.0	-1.0	1.0	-1.0	24	15.0
15	3.0	5.0	4.0	5.0	10.0	5.0	2.0	1.0	.0	.0	-1.0	7.0	6.0	3.0	2.0	7.0	7.0	5.0	5.0	1.0	3.0	4.0	3.0	.0	24	10.0
16	4.0	1.0	3.0	4.0	3.0	1.0	1.0	3.0	.0	-3.0	5.0	6.0	2.0	3.0	2.0	5.0	4.0	1.0	2.0	3.0	2.0	5.0	3.0	9.0	24	9.0
17	12.0	7.0	14.0	17.0	11.0	12.0	11.0	10.0	10.0	-4.0	12.0	11.0	6.0	.0	.0	4.0	-2.0	1.0	.0	2.0	3.0	6.0	7.0	7.0	24	17.0
18	4.0	9.0	4.0	6.0	7.0	8.0	7.0	8.0	-1.0	-1.0	9.0	5.0	8.0	6.0	2.0	6.0	2.0	3.0	1.0	11.0	6.0	7.0	11.0	12.0	24	12.0
19	7.0	3.0	3.0	4.0	6.0	4.0	3.0	3.0	10.0	1.0	6.0	1.0	-2.0	8.0	3.0	6.0	7.0	9.0	6.0	8.0	8.0	7.0	10.0	12.0	24	12.0
20	7.0	9.0	8.0	12.0	10.0	8.0	9.0	9.0	7.0	2.0	8.0	4.0	11.0	7.0	BA	3.0	5.0	4.0	6.0	6.0	3.0	15.0	14.0	12.0	23	15.0
21	10.0	16.0	11.0	12.0	15.0	10.0	10.0	10.0	14.0	11.0	8.0	18.0	19.0	7.0	18.0	9.0	14.0	20.0	15.0	8.0	10.0	9.0	10.0	11.0	24	20.0
22	12.0	10.0	11.0	11.0	10.0	16.0	16.0	9.0	14.0	14.0	12.0	10.0	4.0	.0	1.0	7.0	5.0	4.0	5.0	4.0	11.0	7.0	5.0	4.0	24	16.0
23	2.0	7.0	2.0	2.0	3.0	1.0	3.0	6.0	2.0	1.0	3.0	-1.0	10.0	7.0	11.0	8.0	7.0	5.0	6.0	8.0	9.0	17.0	4.0	6.0	24	17.0
24	13.0	10.0	7.0	12.0	10.0	8.0	8.0	10.0	8.0	-1.0	6.0	11.0	10.0	8.0	8.0	1.0	11.0	7.0	9.0	10.0	7.0	7.0	7.0	8.0	24	13.0
25	17.0	17.0	8.0	8.0	7.0	11.0	12.0	12.0	9.0	1.0	15.0	-8.0MD	4.0	5.0	2.0	2.0	-1.0	3.0	2.0	4.0	5.0	1.0	1.0	4.0	24	17.0
26	2.0	4.0	2.0	4.0	5.0	2.0	4.0	3.0	5.0	-1.0	2.0	2.0	4.0	1.0	4.0	1.0	.0	4.0	4.0	3.0	1.0	4.0	9.0	12.0	24	12.0
27	10.0	8.0	8.0	6.0	12.0	9.0	8.0	10.0	5.0	6.0	5.0	6.0	5.0	5.0	6.0	5.0	7.0	8.0	11.0	16.0	13.0	8.0	13.0	13.0	24	16.0
28	15.0	12.0	18.0	17.0	14.0	12.0	12.0	9.0	15.0	13.0	11.0	12.0	9.0	7.0	11.0	10.0	5.0	14.0	9.0	11.0	9.0	8.0	7.0	6.0	24	18.0
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	27	27	27	28	28	28	28	26	26	28	28	28	28	28	28	28	28	28		
MAX:	17.0	17.0	18.0	17.0	15.0	20.0	16.0	15.0	19.0	27.0	26.0	18.0	19.0	18.0	18.0	11.0	14.0	20.0	15.0	16.0	17.0	17.0	14.0	13.0		
AVG:	7.46	7.43	6.89	7.64	8.14	7.07	6.81	6.89	7.15	4.14	7.29	6.57	6.07	5.00	4.92	4.71	4.54	5.18	5.25	5.39	5.64	6.54	6.57	7.07		

MONTHLY OBSERVATIONS: 665 MONTHLY MEAN: 6.27 MONTHLY MAX: 27.0

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: 37-121-0004 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

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

DAY	HOUR 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	8.0	8.4	8.7	6.8	6.3	8.0	6.4	6.5	5.7	15.4	11.7	9.9	1.3	11.0	15.3	5.6	1.4	-1.0	-1.4	4.0	5.3	4.6	9.7	24	15.4
2	2.5	2.0	4.3	3.1	4.7	5.6	5.8	2.3	1.6	2.7	5.5	4.5	2.3	1.3	1.1	.5	1.9	.2	1.1	1.0	2.4	2.5	1.4	2.9	24	5.8
3	.7	2.6	6.2	4.6	2.1	3.4	3.8	3.8	1.6	1.3	-2.5	-.2	4.3	3.3	6.4	3.4	.8	2.1	3.7	1.9	1.1	1.1	1.0	3.8	24	6.4
4	3.4	3.8	1.9	4.8	4.1	3.4	5.8	2.5	2.7	.1	1.3	.9	.2	2.7	4.3	4.7	3.5	4.2	2.7	.5	5.6	7.8	10.5	13.7	24	13.7
5	11.9	12.8	10.8	12.4	10.6	13.9	11.4	10.2	8.6	7.3	12.7	6.7	4.3	4.1	5.9	4.3	7.9	9.2	7.8	8.6	11.1	13.1	12.4	10.5	24	13.9
6	10.8	10.4	13.6	16.0	14.0	13.4	11.0	11.3	12.5	10.2	12.7	14.8	8.7	12.4	10.7	10.2	8.7	11.7	8.7	9.7	9.5	8.9	13.4	10.0	24	16.0
7	11.2	11.5	16.8	15.7	17.5	15.0	8.9	8.6	9.9	6.8	AX	BA	6.4	6.0	5.2	7.6	5.6	6.3	8.6	7.3	5.4	2.4	4.2	3.4	22	17.5
8	3.2	4.2	4.6	5.4	-.2	.3	1.8	3.2	1.5	.8	1.3	3.9	3.6	3.5	3.9	1.5	2.0	2.8	3.0	-.4	2.8	2.3	3.3	5.5	24	5.5
9	8.0	9.4	10.2	9.8	7.3	6.2	7.8	6.8	4.8	2.2	3.8	2.2	2.8	2.6	1.9	4.6	2.4	4.1	3.5	2.0	1.8	8.0	7.8	5.4	24	10.2
10	6.6	9.1	13.3	13.8	11.8	6.2	4.9	2.3	3.1	3.2	4.1	7.3	6.4	4.0	1.6	-.1	1.1	.3	2.1	1.2	1.2	1.0	1.3	2.6	24	13.8
11	2.8	1.2	3.9	3.1	4.3	2.1	2.9	1.8	3.1	6.9	7.2	1.6	-1.6	.0	3.7	.7	1.2	2.8	.0	2.9	3.5	3.6	6.8	6.7	24	7.2
12	6.9	1.4	1.9	4.1	5.5	2.1	.7	.3	.4	-3.0	3.5	6.0	2.8	3.9	7.6	2.0	7.0	2.3	2.6	3.0	7.6	6.8	6.3	9.8	24	9.8
13	6.3	8.5	4.6	8.3	8.1	9.6	8.9	6.0	7.6	6.9	7.3	7.7	6.1	5.9	4.3	2.2	3.0	4.7	6.9	8.1	7.1	10.6	1.3	2.2	24	10.6
14	.3	1.5	2.6	3.8	1.1	-.5	.7	1.6	.8	2.0	3.0	3.9	5.9	6.4	5.5	8.4	7.1	5.2	2.3	3.3	3.5	2.1	3.3	1.3	24	8.4
15	3.9	4.8	2.8	2.8	4.0	4.8	2.5	4.0	4.0	5.7	2.2	6.6	2.8	1.8	5.5	3.1	3.4	-1.0	6.9	1.0	2.3	.5	2.7	3.5	24	6.9
16	2.9	5.3	4.6	5.7	5.3	5.3	7.0	4.9	3.3	5.2	5.9	3.0	4.2	AX	BA	4.8	9.0	7.1	9.1	6.6	6.5	6.0	7.5	8.6	22	9.1
17	7.5	8.8	6.5	10.7	6.8	6.1	5.4	8.3	7.6	7.9	8.6	14.8	6.1	9.9	4.7	6.7	9.6	14.1	7.5	11.6	8.9	8.3	10.8	12.9	24	14.8
18	7.7	11.3	13.8	12.3	9.3	7.8	5.4	9.1	6.8	2.3	5.7	.3	3.7	3.5	6.1	1.5	7.4	4.7	2.2	2.5	2.3	2.9	3.3	3.7	24	13.8
19	5.5	2.4	.4	2.1	1.3	5.0	3.0	4.1	1.3	3.3	9.8	.6	-.4	5.4	1.1	2.7	1.8	2.1	4.7	4.7	3.8	4.4	2.8	4.3	24	9.8
20	5.7	5.8	8.0	9.5	7.8	5.0	5.8	5.9	4.1	10.6	2.4	4.1	3.3	2.5	7.2	2.8	1.8	3.3	2.6	8.3	8.5	5.7	6.7	13.8	24	13.8
21	17.3	12.0	16.9	12.0	13.9	17.2	23.4	22.7	13.5	16.1	10.3	8.5	13.1	12.4	9.3	10.6	4.9	8.9	8.7	12.3	10.2	12.4	11.1	11.7	24	23.4
22	7.0	6.3	6.8	3.3	2.7	5.8	11.0	6.8	9.0	4.1	-2.7	-2.4	.4	1.3	2.2	6.6	-.4	.2	.7	.7	3.9	7.2	7.6	7.4	24	11.0
23	10.4	9.8	6.9	5.2	3.7	4.1	6.0	6.9	1.8	22.4	36.7	19.5	5.9	4.9	4.8	7.4	6.8	5.6	8.6	7.1	4.5	6.7	4.9	6.0	24	36.7
24	6.9	7.5	6.7	7.6	8.1	6.3	8.1	6.3	3.6	13.6	12.8	8.6	6.6	8.2	5.4	4.5	5.3	7.4	6.9	4.9	5.1	6.1	6.7	16.4	24	16.4
25	16.7	11.9	20.6	17.4	8.9	10.2	15.8	10.9	6.6	3.1	8.0	8.1	7.5	6.9	4.6	8.6	5.1	7.1	5.9	4.8	4.7	6.4	5.4	4.7	24	20.6
26	7.8	6.9	8.6	8.4	6.9	6.5	8.5	4.8	-.5	.8	.1	.3	4.7	3.5	3.9	2.9	5.2	6.3	6.3	5.6	5.7	4.8	4.7	5.5	24	8.6
27	1.4	3.2	3.6	4.9	4.9	8.3	6.0	5.1	6.5	AX	BA	7.5	9.3	7.7	7.5	6.3	8.4	.1	15.2	11.7	9.7	13.1	13.4	17.1	22	17.1
28	14.7	4.7	5.4	4.5	3.8	4.3	1.4	3.8	1.7	4.3	6.4	6.5	4.9	1.4	5.0	7.9	5.1	5.2	7.1	3.1	5.8	3.0	3.6	2.8	24	14.7
29	.3	6.0	1.6	1.9	3.9	5.4	3.9	1.3	2.6	14.7	6.5	3.4	2.2	4.3	4.6	4.3	6.2	6.9	9.2	7.5	6.7	14.0	7.2	8.1	24	14.7
30	6.2	5.6	6.2	6.5	5.5	11.2	13.4	17.3	12.0	10.4	2.2	.0	-.9	-1.7	2.5	1.7	2.1	2.7	1.1	1.3	1.6	1.6	4.0	2.5	24	17.3
31	1.9	1.2	1.6	1.7	1.9	.9	3.0	1.0	-2.1	3.8	.1	2.5	5.1	3.4	-.6	-.1	.4	.1	.6	.4	1.7	.5	.4	1.9	24	5.1
NO.:	31	31	31	31	31	31	31	31	31	30	29	30	31	30	30	31	31	31	31	31	31	31	31	31		
MAX:	17.3	12.8	20.6	17.4	17.5	17.2	23.4	22.7	13.5	22.4	36.7	19.5	13.1	12.4	11.0	15.3	9.6	14.1	15.2	12.3	11.1	14.0	13.4	17.1		
AVG:	6.62	6.45	7.23	7.42	6.34	6.49	6.84	6.14	4.73	6.05	6.56	5.43	4.54	4.43	4.90	4.76	4.51	4.45	5.01	4.57	5.11	5.78	5.82	7.05		

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 5.72 MONTHLY MAX: 36.7

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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-121-0004 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

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

DAY	HOUR 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	1.2	-1.8	-.3	.8	4.2	2.5	1.0	-2.6	.3	1.7	.0	-1.5	1.6	.3	-.9	.7	.3	1.5	-.1	-.9	2.2	2.2	1.8	24	4.2
2	.5	.3	3.5	1.7	1.7	-2.1	-.1	.4	-3.7	1.4	5.0	1.5	2.4	1.9	1.1	2.2	3.2	3.6	2.7	2.5	.9	2.1	4.3	3.7	24	5.0
3	2.4	2.7	2.5	2.7	7.6	10.3	9.8	12.1	10.0	8.6	7.4	6.3	6.0	-1.8	2.5	1.9	4.4	1.7	.4	.2	1.7	5.9	3.5	4.7	24	12.1
4	4.1	4.4	3.9	4.4	5.5	3.3	4.0	1.8	-1.4	2.9	1.8	1.8	2.6	3.3	4.2	4.3	3.2	4.5	4.5	3.7	3.6	4.5	4.5	6.6	24	6.6
5	6.1	5.4	4.2	4.9	4.8	4.2	8.3	9.4	15.9	11.3	7.6	7.6	8.3	3.2	1.1	2.6	2.4	3.4	-.5	2.3	2.5	3.7	4.1	.1	24	15.9
6	-.5	-.5	1.2	2.0	4.0	3.1	-1.4	.7	1.4	1.8	-1.8	-.4	.5	2.8	1.9	1.5	.0	.3	1.7	.3	-1.3	1.5	-.9	.0	24	4.0
7	1.2	2.6	2.2	3.7	2.6	3.2	.9	2.6	1.3	4.7	1.2	2.1	.6	.1	-1.3	.6	2.2	3.3	1.2	1.7	1.5	2.3	1.9	2.3	24	4.7
8	2.7	1.2	.2	3.0	1.9	2.4	1.1	1.1	1.7	2.8	3.9	-1.4	2.0	.9	.5	-.8	3.1	2.4	3.4	4.2	5.8	2.5	3.7	5.5	24	5.8
9	7.9	5.3	5.5	3.7	7.4	9.6	4.8	3.9	2.6	3.7	2.5	8.9	7.1	4.9	1.7	-.5	3.9	4.5	5.0	3.9	2.9	7.6	12.7	15.0	24	15.0
10	18.9	27.0	25.7	26.5	26.5	30.9	27.0	24.5	23.5	18.7	13.6	23.8	59.2	14.3	7.4	7.3	13.7	14.6	14.4	29.8	43.5	85.2	79.2	75.3	24	85.2
11	70.1	55.1	50.1	48.9	42.1	37.6	33.7	35.8	21.6	15.1	16.8	6.9	AX	BA	9.1	7.6	10.6	12.3	13.2	13.5	13.0	13.0	14.7	17.4	22	70.1
12	17.9	17.1	12.8	10.6	7.3	4.9	4.4	2.9	6.2	.7	3.1	5.9	3.8	1.5	7.2	5.4	4.4	4.8	4.5	4.3	3.4	5.2	5.6	7.8	24	17.9
13	5.3	7.5	7.5	7.0	9.2	5.0	6.7	6.1	6.7	5.1	11.3	18.1	26.7	32.5	27.9	12.6	6.2	5.9	10.3	9.2	8.1	11.7	9.2	8.8	24	32.5
14	15.0	21.0	14.4	17.5	19.7	22.6	15.0	17.1	7.7	16.5	30.2	27.4	19.1	16.4	13.9	14.0	11.3	16.3	12.5	12.7	11.1	16.1	19.8	18.0	24	30.2
15	18.8	16.5	20.1	17.4	20.4	20.6	14.9	16.6	16.6	15.6	11.4	19.1	15.0	7.1	6.6	8.4	8.7	9.3	7.1	9.6	6.4	3.8	7.5	8.6	24	20.6
16	12.1	11.7	19.2	7.7	9.7	9.6	10.2	6.6	-.5	8.2	12.2	4.4	9.8	8.8	11.1	9.9	13.8	14.1	11.9	12.2	11.2	13.6	11.3	8.5	24	19.2
17	10.4	8.0	6.1	7.4	6.9	5.5	6.3	6.2	5.9	5.3	11.4	7.7	4.3	3.4	3.7	5.8	7.6	1.3	-.3	6.4	5.4	6.8	.8	1.5	24	11.4
18	5.1	1.4	5.6	5.3	5.6	8.7	3.6	13.3	.8	.9	1.1	.2	.4	3.5	3.2	5.1	3.5	3.3	5.8	6.0	4.7	5.4	7.5	6.7	24	13.3
19	4.7	11.4	10.1	7.2	9.5	6.4	4.0	5.8	4.1	5.3	3.9	5.4	2.2	4.7	7.2	3.6	6.1	8.2	7.9	8.2	7.9	6.4	5.7	7.6	24	11.4
20	4.6	1.6	1.6	2.0	2.5	4.7	-.3	-2.1	-1.5	4.8	12.1	3.9	AX	BA	9.5	10.1	13.9	12.8	8.7	6.3	10.7	8.5	8.9	11.4	22	13.9
21	10.8	10.4	7.3	8.0	8.2	8.8	10.5	11.7	6.8	14.6	13.1	8.0	6.9	11.8	13.3	15.7	10.3	5.4	8.7	6.2	7.3	6.7	2.1	5.7	24	15.7
22	2.9	6.6	4.6	4.7	3.7	4.2	1.4	1.8	1.1	7.5	7.7	6.9	5.0	6.4	2.5	4.9	3.2	6.6	2.1	4.9	8.0	.2	-1.6	-1.1	24	8.0
23	2.9	-.5	-.5	2.9	.4	.2	4.2	.7	-1.0	.7	1.6	1.0	.2	.9	1.5	.7	1.9	3.6	1.8	.3	1.9	3.4	5.3	2.7	24	5.3
24	3.7	1.5	2.8	3.4	3.9	1.8	-.1	-.1	.5	-.6	3.4	-.7	.7	4.3	.9	-1.1	2.3	.1	.7	-1.9	.7	1.2	2.0	-.9	24	4.3
25	-2.5	-1.8	.7	2.0	-.1	-.9	-.9	-2.1	-1.4	-2.7	-3.0	4.1	2.1	-2.1	.7	-3.5	1.7	2.9	5.4	.9	-1.4	2.1	1.5	2.9	24	5.4
26	2.6	2.4	4.2	5.1	5.6	4.4	4.1	1.4	-3.9	.5	3.1	1.4	4.4	8.9	6.1	7.0	5.5	7.3	6.5	5.8	7.7	8.5	6.6	7.4	24	8.9
27	10.9	6.5	7.1	15.5	19.8	16.6	18.0	12.2	9.0	11.3	11.9	16.1	25.5	34.2	27.6	17.1	10.4	6.6	7.4	6.1	3.0	4.8	8.6	9.1	24	34.2
28	4.0	5.5	6.1	5.0	6.5	5.6	3.5	1.4	.0	.0	7.7	9.7	9.7	11.2	9.9	11.6	13.0	14.3	12.8	10.0	7.6	9.2	10.6	11.4	24	14.3
29	10.9	8.9	9.0	9.6	10.0	13.3	13.0	5.2	6.5	17.5	14.0	14.0	16.7	15.9	18.2	19.4	20.3	20.8	19.4	23.2	22.5	25.0	21.0	14.9	24	25.0
30	13.5	14.7	12.0	12.3	9.6	11.8	8.1	7.4	7.5	8.2	6.2	5.4	4.5	2.9	3.4	1.6	1.8	6.4	6.9	4.1	4.1	7.3	4.5	6.1	24	14.7
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	30	28	28	30	30	30	30	30	30	30	30	30	30		
MAX:	70.1	55.1	50.1	48.9	42.1	37.6	33.7	35.8	23.5	18.7	30.2	27.4	59.2	34.2	27.9	19.4	20.3	20.8	19.4	29.8	43.5	85.2	79.2	75.3		
AVG:	9.01	8.50	8.26	8.39	8.78	8.68	7.24	6.85	4.71	6.36	7.40	7.17	8.72	7.27	6.76	5.80	6.44	6.70	6.25	6.55	6.78	9.21	8.89	8.98		

MONTHLY OBSERVATIONS: 716 MONTHLY MEAN: 7.49 MONTHLY MAX: 85.2

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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-121-0004 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

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

DAY	HOUR 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	7.3	2.1	7.3	4.8	.8	1.2	3.0	.8	2.4	3.2	3.0	AV	AV	AV	2.9	1.8	5.2	6.5	3.5	7.0	4.2	1.5	3.4	5.3	21	7.3
2	3.6	4.5	3.0	2.2	4.5	2.1	-.9	-2.0	2.0	2.9	2.6	.0	2.0	2.3	.9	-1.2	2.3	2.7	3.0	3.1	2.3	2.8	3.1	3.5	24	4.5
3	2.5	4.2	4.8	3.9	4.7	2.8	6.4	1.8	4.7	3.4	4.4	5.2	5.8	.4	.8	.6	2.7	3.9	3.0	3.0	5.6	4.9	3.9	7.1	24	7.1
4	4.1	6.3	6.3	7.9	7.4	9.1	6.6	4.0	4.5	8.6	12.6	10.1	7.8	8.3	10.9	8.3	11.5	5.0	6.1	6.0	1.9	2.9	2.4	1.9	24	12.6
5	.6	-.4	2.3	-.1	-1.2	.1	.8	.1	.4	-2.6	-.5	3.5	.0	-.7	.2	6.9	-2.9	1.3	1.6	1.3	-.4	-1.3	.1	-1.8	24	6.9
6	-1.7	1.7	.3	1.7	1.9	.3	.8	2.2	1.0	3.6	1.5	5.2	6.5	4.5	7.0	2.6	-.2	-2.5	-.2	2.7	3.7	.2	1.9	2.9	24	7.0
7	3.8	3.6	4.0	2.7	2.5	1.8	3.7	.7	2.7	3.2	4.5	2.8	2.9	-.4	-1.1	.9	3.9	3.5	3.3	4.3	-.2	.9	3.4	3.0	24	4.5
8	4.3	6.5	3.6	3.3	6.2	5.6	4.0	1.2	1.1	AX	BA	4.2	3.1	2.3	3.3	AN	AN	-.2	4.7	6.0	3.0	4.0	6.6	5.7	20	6.6
9	3.9	7.3	7.9	7.5	6.7	6.8	10.2	15.2	9.8	5.6	8.5	5.6	13.5	13.2	9.5	11.1	12.7	11.3	10.1	10.1	11.3	11.5	9.5	5.2	24	15.2
10	8.6	8.0	7.9	10.2	11.6	11.4	11.0	11.2	10.1	14.8	13.4	13.1	12.9	10.3	11.3	8.6	8.7	AN	AN	AN	AN	AN	AN	AN	17	14.8
11	12.8	12.4	14.1	13.1	13.9	12.8	12.7	9.3	10.9	9.6	8.1	BA	5.6	3.0	4.2	6.8	4.2	1.1	4.8	8.6	7.5	8.7	7.0	2.8	23	14.1
12	3.1	4.0	3.3	2.2	1.0	3.5	6.1	10.5	6.1	9.4	9.3	6.9	.9	7.7	5.7	2.9	.7	-1.6	2.7	1.1	1.6	.3	1.8	-.4	24	10.5
13	-3.4	1.6	2.2	-.1	.2	.4	.0	.4	1.0	3.3	-1.9	-2.5	5.5	.5	-1.5	-.2	4.6	3.4	4.9	3.1	2.7	6.6	7.2	4.9	24	7.2
14	6.6	8.9	7.1	7.3	7.6	7.6	6.1	2.1	3.7	3.6	3.4	4.2	7.8	8.3	5.1	6.5	5.3	7.9	7.4	5.5	4.7	5.6	6.6	6.0	24	8.9
15	5.6	7.1	7.1	5.0	6.9	5.0	6.5	5.4	8.9	10.3	13.1	7.3	7.3	4.7	4.4	4.9	5.2	6.3	5.8	6.5	7.3	7.0	6.1	6.1	24	13.1
16	10.6	9.3	7.5	7.4	7.8	8.1	6.9	5.5	8.8	11.8	15.1	11.1	10.4	10.5	9.5	8.5	10.6	8.8	7.5	9.1	11.2	13.0	19.6	13.9	24	19.6
17	12.3	14.3	18.8	19.5	18.5	15.7	16.9	9.6	7.9	12.2	8.8	10.2	9.1	8.5	10.5	11.6	13.2	9.4	8.0	6.8	7.0	3.8	6.6	12.5	24	19.5
18	16.9	11.4	7.5	5.9	8.1	7.1	5.5	6.0	7.3	7.9	9.3	8.9	11.8	10.1	8.5	11.1	8.9	7.8	11.1	7.5	11.6	10.7	12.7	12.8	24	16.9
19	13.2	17.9	17.5	14.2	16.3	9.4	6.8	7.7	2.6	4.6	11.1	7.3	7.2	3.8	4.1	10.2	8.9	8.8	6.7	6.3	8.8	7.4	7.8	7.9	24	17.9
20	7.9	7.4	9.0	9.0	12.8	11.3	8.6	6.4	4.7	10.5	13.8	10.0	8.8	6.4	5.4	9.2	8.4	5.8	11.1	10.7	9.2	11.2	8.6	8.2	24	13.8
21	9.2	7.3	13.9	11.5	8.2	7.8	5.7	3.1	.4	-1.6	3.4	2.3	4.0	3.8	7.2	3.3	3.6	2.0	2.9	1.0	2.2	.8	-1.1	1.1	24	13.9
22	1.3	2.9	1.3	1.6	1.3	-1.1	.4	-1.0	12.1	3.5	2.9	3.8	2.4	2.7	1.3	4.8	4.4	9.1	3.7	7.0	9.0	7.6	9.3	9.5	24	12.1
23	8.1	9.2	7.9	7.5	8.0	3.3	3.4	3.5	3.5	2.1	5.0	.8	1.6	-.5	-1.6	.4	-.1	-1.5	-.8	3.7	2.2	.2	.2	.7	24	9.2
24	1.6	-.2	1.4	1.2	1.1	-1.8	1.3	-.4	-1.8	-1.3	AZ	AZ	.6	1.3	-.3	4.0	5.6	5.2	-.8	1.1	-1.7	-2.4	1.1	3.5	22	5.6
25	1.1	.0	.4	2.3	1.9	1.3	-1.6	-.5	3.9	1.9	2.1	5.0	3.6	-.9	-.8	5.1	4.8	2.5	1.9	6.8	2.3	3.4	5.0	7.0	24	7.0
26	7.4	5.5	4.3	5.3	4.7	4.5	5.7	6.5	5.1	8.2	3.2	2.3	3.9	3.2	2.1	1.8	3.2	3.2	4.9	5.8	3.3	3.1	4.6	4.5	24	8.2
27	3.7	5.4	6.9	6.1	7.2	8.5	7.7	5.0	7.1	10.1	12.8	5.5	4.8	8.9	8.8	14.6	6.8	6.9	5.6	13.0	9.6	9.5	11.1	8.5	24	14.6
28	8.5	-4.1	-.8	2.4	.3	-1.1	-.9	-1.4	-1.5	3.5	-1.9	1.5	4.1	-.5	2.6	5.2	-.4	5.9	5.0	2.1	2.9	2.1	.0	2.0	24	8.5
29	4.5	1.7	2.7	2.4	3.1	3.2	1.7	1.6	5.6	4.0	7.5	5.0	5.9	7.1	7.3	4.4	.3	-1.1	5.3	4.5	3.4	2.3	2.2	1.5	24	7.5
30	3.1	3.7	2.0	.7	3.2	2.0	1.3	5.1	6.1	3.0	5.8	5.9	BA	5.0	3.1	6.5	1.9	3.7	8.5	4.7	5.5	6.5	6.4	5.4	23	8.5
31	6.2	6.4	7.7	6.8	7.3	6.0	3.2	.9	5.1	5.4	4.9	4.2	7.2	4.0	6.0	4.8	6.1	4.2	5.4	5.0	7.8	8.1	8.0	7.8	24	8.1
NO.:	31	31	31	31	31	31	31	31	31	30	29	28	29	30	31	30	30	30	30	30	30	30	30	30		
MAX:	16.9	17.9	18.8	19.5	18.5	15.7	16.9	15.2	12.1	14.8	15.1	13.1	13.5	13.2	11.3	14.6	13.2	11.3	11.1	13.0	11.6	13.0	19.6	13.9		
AVG:	5.72	5.67	6.10	5.66	5.95	4.99	4.83	3.89	4.72	5.49	6.41	5.34	5.76	4.59	4.43	5.53	5.00	4.31	4.89	5.45	4.98	4.76	5.50	5.30		

MONTHLY OBSERVATIONS: 726 MONTHLY MEAN: 5.22 MONTHLY 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-121-0004 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

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

DAY	HOUR 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	7.6	4.7	3.9	5.4	7.0	6.6	2.7	-1.8	4.3	8.7	7.7	3.6	7.6	7.5	5.4	3.1	6.6	7.2	3.6	4.7	5.3	6.7	6.1	6.8	24	8.7
2	6.1	6.9	5.7	5.9	5.8	6.3	4.3	4.2	7.3	5.9	5.2	5.1	5.0	7.0	5.1	6.8	4.9	6.2	9.2	4.7	5.8	6.7	7.7	7.8	24	9.2
3	8.1	7.9	8.6	9.6	9.2	6.1	7.6	4.4	5.1	9.5	9.3	8.1	10.8	7.9	5.6	5.4	3.0	3.5	6.8	5.6	5.8	7.5	8.6	10.7	24	10.8
4	10.1	9.7	9.5	8.2	9.2	8.2	6.3	5.3	7.3	12.4	14.4	13.1	14.6	5.9	11.9	9.5	4.1	3.1	8.0	4.1	1.5	3.0	4.1	4.9	24	14.6
5	4.2	6.6	5.2	6.0	5.8	4.0	5.1	5.4	3.7	5.5	8.5	3.6	3.1	5.4	6.3	11.5	4.2	4.1	1.3	.5	-.3	3.5	1.0	.0	24	11.5
6	.8	1.7	.3	-.8	.6	1.5	1.3	.0	1.2	-1.8	5.1	8.6	6.1	5.5	3.7	2.3	3.4	9.7	7.6	7.2	6.2	5.9	5.4	7.5	24	9.7
7	5.1	5.6	2.7	5.3	2.7	3.6	2.6	-2.6	.2	2.2	6.0	1.9	2.8	3.2	3.2	3.9	-.6	5.7	5.1	1.6	4.2	6.4	2.5	3.8	24	6.4
8	3.0	3.3	4.6	2.2	7.0	8.8	8.0	5.8	7.2	-1.9	2.5	2.7	AX	BA	BC	DL	DL	DL	DL	DL	DL	DL	DL	DL	12	8.8
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	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	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	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	0	
13	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	BA	2.6	11.1	15.2	11.0	-3.3	2.4	3.6	8.1	5.5	7.7	5.0	7.1	7.4	13	15.2
14	5.3	6.2	2.4	5.7	6.6	5.5	3.3	2.3	3.7	7.2	4.8	9.1	4.4	4.4	7.3	3.3	5.5	5.8	-.1	4.5	7.1	5.7	6.7	6.5	24	9.1
15	5.6	5.4	5.4	5.4	7.1	4.2	2.3	-2.0	7.4	8.1	6.3	7.3	9.0	11.7	4.7	10.6	5.7	3.8	5.7	5.7	6.1	3.7	4.5	7.7	24	11.7
16	5.5	4.0	4.0	5.5	4.0	5.8	3.9	6.5	-.2	3.8	8.5	9.4	6.1	9.1	7.8	6.8	3.4	1.7	4.3	9.2	9.0	6.1	2.9	2.6	24	9.4
17	4.2	1.7	3.9	6.5	4.0	2.0	1.6	.0	7.6	12.6	4.1	9.0	12.3	8.2	2.3	5.7	9.7	5.6	8.4	4.2	7.3	10.9	7.1	6.8	24	12.6
18	7.2	8.4	4.6	7.5	7.4	8.7	7.2	7.2	2.1	.2	10.8	11.1	10.6	4.6	6.7	6.6	8.9	6.1	1.0	7.5	.9	4.4	3.8	2.2	24	11.1
19	4.3	4.7	6.1	5.8	2.8	3.0	3.4	2.7	8.0	.6	AX	BA	12.1	4.6	9.0	10.3	-1.1	3.2	6.8	6.3	4.1	5.6	4.3	2.6	22	12.1
20	5.2	5.6	5.2	3.9	4.0	6.9	6.1	8.2	4.3	2.9	8.7	4.5	8.7	5.3	5.4	5.7	6.4	9.4	9.3	8.8	6.9	9.5	6.6	9.1	24	9.5
21	10.0	12.1	10.4	5.3	7.8	8.3	7.6	9.1	7.5	7.2	6.6	12.1	8.3	10.4	6.3	4.2	8.4	8.9	2.3	4.3	5.5	5.3	6.0	10.1	24	12.1
22	5.8	5.1	3.6	3.2	5.4	4.8	4.9	6.9	7.1	12.3	12.5	6.1	4.0	7.9	7.2	7.4	4.7	3.2	5.5	5.1	7.2	4.0	6.3	6.3	24	12.5
23	7.0	4.0	.1	-1.5	1.4	3.6	5.3	2.2	3.1	9.0	4.6	11.2	11.0	16.9	19.6	13.9	13.2	17.6	16.8	13.7	10.7	11.1	12.4	6.7	24	19.6
24	-.1	.0	1.5	1.2	1.2	1.8	.7	-1.2	6.2	9.7	3.8	2.7	-2.0	-1.1	5.6	.9	3.5	3.5	1.9	5.4	7.8	1.8	2.1	6.4	24	9.7
25	6.0	5.0	3.4	5.4	5.1	7.1	4.2	6.7	5.7	5.4	7.2	6.5	4.0	1.9	5.4	8.4	5.5	2.6	3.4	5.4	5.1	2.5	3.8	3.3	24	8.4
26	4.6	5.2	2.9	3.9	2.9	.3	.9	-1.4	2.5	8.5	13.6	10.4	4.3	3.3	5.5	4.1	4.3	6.3	4.2	4.3	9.3	3.9	6.2	6.7	24	13.6
27	1.1	3.9	5.2	4.7	4.5	7.3	4.4	5.9	1.9	8.0	6.5	4.5	4.3	4.5	5.7	5.7	4.7	7.3	1.4	5.2	7.1	1.1	3.7	3.4	24	8.0
28	5.5	2.7	2.1	4.2	2.8	4.1	2.3	-.4	5.1	5.9	6.6	9.0	8.3	8.0	7.1	8.8	8.3	6.8	6.8	7.3	7.5	7.5	9.1	13.7	24	13.7
29	11.4	14.5	10.7	8.1	9.3	8.5	7.0	4.0	9.8	14.8	11.6	12.9	11.6	11.1	9.8	7.8	9.2	13.6	7.8	11.5	8.3	9.0	8.7	9.8	24	14.8
30	4.8	2.4	3.3	2.7	4.0	2.6	2.6	5.7	3.8	1.1	.7	1.0	3.8	-.4	3.0	3.4	2.6	5.2	5.3	6.0	1.7	2.1	2.9	2.8	24	6.0
31																									0	
NO.:	25	25	25	25	25	25	25	25	25	25	24	25	25	25	25	25	25	25	25	25	25	25	25	25		
MAX:	11.4	14.5	10.7	9.6	9.3	8.8	8.0	9.1	9.8	14.8	14.4	13.1	14.6	16.9	19.6	13.9	13.2	17.6	16.8	13.7	10.7	11.1	12.4	13.7		
AVG:	5.54	5.49	4.61	4.77	5.10	5.18	4.22	3.32	4.88	6.31	7.32	7.04	7.28	6.72	6.82	6.11	5.24	6.15	5.62	5.93	5.91	5.56	5.58	6.22		

MONTHLY OBSERVATIONS: 599 MONTHLY MEAN: 5.70 MONTHLY 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-121-0004 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

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	3.1	1.1	2.7	2.7	-.2	1.6	.9	4.0	8.3	10.8	8.9	5.1	9.3	6.8	6.7	4.8	11.5	7.8	7.8	4.8	4.8	6.7	5.2	24	11.5
2	4.5	6.5	3.7	2.1	4.5	5.0	3.8	1.4	5.2	2.4	4.9	3.9	6.2	5.5	3.4	4.5	-.6	-.5	1.6	4.3	5.3	AJ	AJ	AJ	21	6.5
3	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	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	0	
5	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AX	BA	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	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	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	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	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	BA	BC	3.9	8.6	8.0	8.1	11.6	11.1	9.2	10.5	7.6	9.2	10.6	11	11.6
12	13.8	13.6	12.4	11.3	10.2	8.9	8.8	8.6	10.8	13.1	14.0	15.2	12.9	9.8	11.5	14.6	6.7	10.7	12.5	12.9	13.4	12.4	15.2	14.8	24	15.2
13	11.7	11.8	11.1	9.3	10.1	9.7	10.3	6.3	6.7	11.7	12.6	10.1	10.0	8.3	9.9	14.8	4.9	6.4	5.5	5.4	5.4	3.5	5.4	5.6	24	14.8
14	8.1	5.7	2.4	3.6	4.7	6.1	3.6	3.7	8.2	7.0	8.8	5.3	4.3	7.2	8.7	6.2	11.0	5.5	5.5	10.7	13.6	9.0	10.2	7.1	24	13.6
15	7.0	7.7	8.4	8.2	6.9	4.5	4.7	6.2	7.2	7.4	8.0	9.5	9.2	6.6	5.5	12.8	5.9	4.1	14.4	4.8	9.5	9.1	7.8	9.3	24	14.4
16	11.5	10.9	8.5	8.1	9.8	10.6	7.4	7.6	4.2	8.7	10.0	7.7	9.4	5.2	5.4	6.1	5.0	6.2	8.5	7.7	6.2	5.2	6.7	7.7	24	11.5
17	9.4	7.4	8.3	7.9	9.0	6.3	5.4	3.3	7.0	10.9	10.4	10.4	9.6	13.1	9.5	-2.6	.6	4.9	14.3	6.6	7.9	6.3	6.0	8.1	24	14.3
18	8.9	10.3	7.0	7.3	4.3	6.0	3.7	4.4	3.5	10.5	8.7	6.6	10.2	7.8	5.5	7.9	8.2	8.3	3.0	12.3	9.9	6.5	7.8	10.1	24	12.3
19	8.6	8.9	7.2	7.1	7.5	5.8	5.8	3.6	2.0	AX	BA	15.3 6	13.9 6	12.5 6	9.7 6	8.4 6	10.7 6	11.4 6	10.7 6	11.4 6	9.3 6	8.9 6	10.2 6	9.6 6	22	15.3
20	10.5 6	11.1 6	12.7 6	12.4 6	10.4 6	12.5 6	11.4 6	11.5 6	13.1 6	15.5 6	12.8 6	14.9 6	15.7 6	16.4 6	14.6 6	14.3 6	16.6 6	13.0 6	10.3 6	13.5 6	16.2 6	15.8 6	12.2 6	13.5 6	24	16.6
21	12.6 6	14.1 6	15.2 6	15.0 6	14.8 6	13.0 6	12.1 6	10.4 6	12.6 6	15.3 6	14.1 6	13.4 6	14.5 6	13.8 6	15.2 6	10.2 6	10.7 6	10.9 6	11.8 6	15.2 6	15.4 6	11.9 6	13.7 6	15.1 6	24	15.4
22	16.3 6	16.0 6	13.2 6	15.5 6	16.1 6	12.3 6	12.8 6	13.3 6	14.8 6	18.2 6	19.3 6	17.1 6	16.4 6	13.6 6	16.2 6	17.9 6	-.7 6	12.6 6	8.0 6	10.1 6	12.9 6	11.1 6	11.4 6	10.1 6	24	19.3
23	10.3 6	9.9 6	10.3 6	12.4 6	12.6 6	15.5 6	13.1 6	14.4 6	10.9 6	11.6 6	11.6 6	12.6 6	21.0 6	-.8 6	5.0 6	7.8 6	7.2 6	8.4 6	10.0 6	11.7 6	13.9 6	7.7 6	9.7 6	7.3 6	24	21.0
24	7.7 6	4.3 6	4.9 6	5.6 6	5.6 6	5.8 6	2.9 6	3.5 6	2.2 6	3.7 6	4.6 6	8.7 6	9.1 6	8.3 6	10.5 6	8.4 6	11.5 6	6.2 6	7.1 6	10.0 6	12.8 6	9.5 6	12.5 6	10.1 6	24	12.8
25	9.6 6	12.4 6	13.9 6	12.7 6	10.1 6	11.2 6	11.7 6	11.1 6	10.7 6	16.0 6	15.6 6	18.7 6	17.0 6	17.4 6	14.9 6	14.1 6	14.9 6	16.4 6	14.5 6	15.1 6	17.2 6	13.5 6	15.9 6	16.0 6	24	18.7
26	17.2 6	21.1 6	18.8 6	17.4 6	14.4 6	13.6 6	12.4 6	14.5 6	15.4 6	14.4 6	11.8 6	15.4 6	16.1 6	17.8 6	14.6 6	14.8 6	19.7 6	17.6 6	16.5 6	22.7 6	19.7 6	16.4 6	17.3 6	17.1 6	24	22.7
27	18.2 6	15.7 6	16.2 6	19.6 6	17.7 6	17.4 6	16.6 6	17.3 6	13.1 6	14.1 6	20.7 6	17.8 6	19.0 6	19.0 6	14.6 6	5.5 6	13.4 6	12.8 6	7.8 6	10.6 6	9.6 6	9.9 6	10.5 6	9.6 6	24	20.7
28	9.2 6	8.5 6	6.5 6	7.6 6	8.3 6	8.2 6	6.7 6	9.5 6	7.8 6	10.7 6	18.8 6	18.2 6	19.7 6	16.8 6	.8 6	6.8 6	6.5 6	7.1 6	7.4 6	7.6 6	8.1 6	7.8 6	5.6 6	5.6 6	24	19.7
29	5.4 6	4.1 6	3.4 6	6.2 6	10.6 6	12.6 6	12.8 6	11.0 6	14.3 6	12.3 6	11.5 6	10.7 6	13.2 6	8.2 6	2.2 6	3.5 6	5.6 6	6.1 6	.1 6	7.9 6	3.7 6	6.7 6	4.9 6	2.7 6	24	14.3
30	1.5 6	3.6 6	5.7 6	5.1 6	5.7 6	2.4 6	2.5 6	2.4 6	-1.6 6	6.3 6	5.6 6	3.0 6	6.6 6	6.8 6	5.7 6	7.6 6	3.6 6	2.7 6	5.2 6	6.3 6	7.8 6	6.6 6	6.9 6	4.9 6	24	7.8
31	5.9 6	5.9 6	3.1 6	3.1 6	6.3 6	4.6 6	5.8 6	3.8 6	2.6 6	3.8 6	AK	10.6	11.7	8.0	5.8	11.1	5.7	8.7	12.1	9.7	10.8	8.6	10.3	9.3	23	12.1
NO.:	22	22	22	22	22	22	22	22	22	21	20	22	22	23	23	23	23	23	23	23	23	22	22	22		
MAX:	18.2	21.1	18.8	19.6	17.7	17.4	16.6	17.3	15.4	18.2	20.7	18.7	21.0	19.0	16.2	17.9	19.7	17.6	16.5	22.7	19.7	16.4	17.3	17.1		
AVG:	9.58	9.66	8.82	9.10	9.20	8.72	8.00	7.67	7.94	10.57	11.73	11.55	12.31	10.20	8.90	9.10	7.83	8.81	8.94	10.15	10.60	9.04	9.82	9.52		

MONTHLY OBSERVATIONS: 533 MONTHLY MEAN: 9.48 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-121-0004 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

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

DAY	HOUR 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	8.0	9.0	11.1	9.4	10.5	10.6	7.4	7.5	10.4	13.2	9.7	6.3	8.7	5.8	10.8	6.7	11.5	9.0	8.7	11.2	9.3	9.1	9.5	24	13.2
2	10.2	9.2	10.3	10.0	7.7	9.9	9.3	7.1	7.7	10.6	9.7	12.3	10.8	9.5	10.3	11.1	7.2	10.4	11.7	14.9	12.0	13.4	15.8	13.0	24	15.8
3	12.2	14.4	16.5	11.9	10.7	8.4	7.2	8.1	5.2	AX	BA	12.2	12.1	8.8	12.2	10.0	8.9	12.4	10.6	11.7	14.1	12.1	13.3	13.7	22	16.5
4	14.1	14.4	13.4	12.7	13.5	12.1	12.5	12.6	12.5	16.6	15.2	16.9	15.2	10.9	12.5	10.3	10.7	10.5	3.4	5.9	7.9	7.5	9.0	10.2	24	16.9
5	7.5	9.4	8.9	9.3	8.5	8.2	9.1	8.5	6.5	5.8	10.3	7.1	5.9	4.5	2.6	3.4	4.8	4.5	6.1	5.1	4.3	1.2	5.3	5.0	24	10.3
6	6.1	6.1	6.0	7.3	7.0	5.9	4.3	2.4	.7	7.0	6.7	6.4	7.0	6.1	4.5	5.0	7.3	6.7	8.4	7.9	9.0	9.4	8.3	10.9	24	10.9
7	8.7	10.0	8.6	10.6	12.5	6.4	5.8	4.1	.6	3.6	7.6	13.3	7.5	7.2	2.5	4.3	8.5	8.4	8.8	.7	2.9	1.7	5.3	6.6	24	13.3
8	1.9	3.0	-1.4	2.9	4.6	2.0	2.6	2.2	3.7	5.1	3.4	1.2	7.1	3.0	3.2	5.2	4.5	5.8	8.1	8.3	9.8	8.8	10.2	6.5	24	10.2
9	7.3	6.9	7.3	6.3	7.3	6.4	8.0	7.2	6.3	8.1	9.3	11.8	9.1	11.9	11.2	13.4	9.7	9.3	13.4	9.4	9.6	10.4	12.0	16.8	24	16.8
10	12.2	9.3	10.8	11.0	8.6	9.0	10.4	10.9	10.6	11.0	13.6	9.7	12.3	15.6	10.7	12.0	10.2	13.7	11.9	11.8	12.8	10.3	7.3	12.2	24	15.6
11	14.2	11.7	11.2	13.0	12.7	12.6	13.5	13.7	14.9	9.4	14.9	6.3	8.5	11.5	-.7	3.2	3.1	7.2	6.3	5.5	3.8	5.7	5.7	2.4	24	14.9
12	4.6	2.8	1.6	2.2	2.2	1.5	1.5	1.4	4.4	3.2	5.3	6.3	10.2	9.7	8.2	9.4	10.4	5.1	6.0	5.5	3.3	5.1	3.1	4.4	24	10.4
13	4.1	5.8	4.6	3.4	4.6	6.2	2.7	4.6	4.4	7.5	5.8	10.3	7.6	8.9	8.2	8.5	9.9	14.3	5.5	9.1	6.4	7.4	6.3	1.4	24	14.3
14	6.1	6.0	3.6	3.4	1.8	3.0	3.8	.3	1.5	4.8	.0	9.2	9.9	1.8	6.3	7.1	7.7	9.9	12.7	6.6	AN	AN	AN	AN	20	12.7
15	AN	AN	AN	AN	AN	AN	AN	AN	AX	BA	7.9	6.6	1.2	12.2	-2.4	2.7	4.8	8.7	7.2	2.4	7.4	4.8	2.4	2.9	14	12.2
16	5.0	2.0	4.2	5.3	4.3	2.7	1.6	-1.2	.4	2.7	9.1	8.5	8.6	7.5	-1.3	5.2	1.7	7.0	9.4	8.9	5.9	5.8	7.5	6.6	24	9.4
17	6.9	5.1	7.9	6.5	2.7	3.9	5.9	5.0	4.7	.3	7.0	10.7	6.1	7.2	9.7	10.2	5.5	8.0	12.6	3.3	5.2	2.1	4.4	6.4	24	12.6
18	4.8	6.2	4.1	4.8	2.1	3.4	4.7	1.7	3.6	4.0	7.2	11.3	5.4	10.7	5.2	4.7	5.4	9.7	6.6	10.0	7.7	5.1	6.6	7.5	24	11.3
19	7.4	4.8	6.9	9.8	9.6	6.1	7.4	5.3	3.4	9.5	10.2	9.3	9.4	10.8	8.6	10.8	8.2	10.8	8.5	7.0	8.2	11.4	11.8	10.2	24	11.8
20	8.1	9.0	5.7	7.1	9.3	8.6	6.9	3.8	1.4	9.7	10.6	12.1	12.2	12.4	9.6	9.3	9.1	8.0	10.8	13.4	11.9	13.3	14.7	13.7	24	14.7
21	13.4	9.5	10.3	12.6	13.7	13.7	10.9	11.2	9.4	10.9	12.6	12.4	14.6	15.7	15.1	8.6	15.0	14.6	16.8	13.0	17.5	15.6	13.4	13.0	24	17.5
22	11.6	14.6	13.8	15.2	14.7	9.0	11.9	7.2	5.3	14.1	13.4	11.1	AZ	16.0	12.3	15.6	14.6	14.9	13.8	15.4	13.7	11.9	13.1	11.3	23	16.0
23	11.3	9.9	10.7	12.0	13.2	14.1	15.5	13.2	8.5	7.3	8.3	5.9	1.8	2.7	8.9	8.3	8.4	6.8	7.6	6.7	6.5	5.8	8.5	5.5	24	15.5
24	7.6	7.4	6.3	5.8	4.4	6.7	6.2	7.7	6.8	5.0	9.7	11.1	7.8	7.8	7.2	5.3	5.3	8.9	8.0	7.5	6.0	4.4	5.3	5.1	24	11.1
25	7.1	5.2	3.4	4.8	6.6	5.7	4.5	1.9	8.0	4.8	11.2	8.0	9.1	8.3	10.6	10.1	11.2	9.4	6.3	12.4	9.2	7.9	9.4	10.6	24	12.4
26	10.1	10.5	8.6	8.0	7.2	7.7	12.0	7.8	7.9	7.1	9.6	17.5	12.7	14.1	12.3	9.6	11.2	9.8	11.6	11.0	14.0	10.4	13.5	13.0	24	17.5
27	11.9	11.7	11.8	10.9	10.8	12.3	11.1	11.2	13.7	7.8	10.0	6.6	6.2	7.3	7.3	6.1	9.3	9.6	12.2	11.3	13.3	12.0	10.2	9.5	24	13.7
28	10.2	7.4	8.7	8.0	7.9	7.6	4.8	5.4	4.3	11.0	4.9	9.5	9.2	7.2	9.8	4.8	8.3	4.5	8.6	8.1	3.8	4.6	13.0	7.3	24	13.0
29	6.8	9.9	8.6	7.7	4.3	3.7	2.7	-.5	.2	.1	.9	.6	4.4	3.5	2.9	6.1	5.8	8.6	5.8	8.1	3.0	1.1	4.7	5.2	24	9.9
30	3.3	5.8	5.7	3.0	1.7	4.4	5.6	4.9	1.5	1.9	4.8	7.9	6.0	5.0	5.8	6.2	13.2	9.9	6.6	10.4	8.9	9.2	7.9	10.6	24	13.2
31	8.8	5.6	6.3	5.1	4.8	7.0	5.9	6.3	6.9	8.4	3.2	1.1	12.0	7.8	7.6	2.1	1.3	4.2	7.0	5.4	2.6	4.3	3.2	3.4	24	12.0
NO.:	30	30	30	30	30	30	30	30	30	29	30	31	30	31	31	31	31	31	31	31	30	30	30	30		
MAX:	14.2	14.6	16.5	15.2	14.7	14.1	15.5	13.7	14.9	16.6	15.2	17.5	15.2	16.0	15.1	15.6	15.0	14.9	16.8	15.4	17.5	15.6	15.8	16.8		
AVG:	8.45	8.05	7.78	8.06	7.61	7.29	7.30	6.05	5.75	7.16	8.52	9.13	8.54	8.85	7.31	7.72	8.00	9.13	9.07	8.56	8.40	7.73	8.68	8.48		

MONTHLY OBSERVATIONS: 727 MONTHLY MEAN: 7.99 MONTHLY 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-121-0004 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

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

DAY	HOUR 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	3.0	-1.0	2.0	-2.0	5.0	8.0	2.0	.0	1.0	.0	2.0	2.0	4.0	8.0	8.0	3.0	4.0	6.0	4.0	4.0	8.0	4.0	.0	.0	24	8.0
2	3.0	2.0	5.0	2.0	1.0	1.0	-3.0	2.0	3.0	.0	1.0	2.0	1.0	-4.0	.0	4.0	10.0	-2.0	1.0	-3.0	5.0	AN	AN	AN	21	10.0
3	AN	AN	AN	AN	AN	AN	AN	AN	AN	AX	BA	4.0	9.0	4.0	1.0	3.0	5.0	5.0	AN	AN	AN	AN	AN	AN	7	9.0
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	0	
5	AN	AN	AN	AN	AN	AN	AN	AN	AX	BA	.0	18.2	15.0	17.0	15.0	25.0	11.0	19.0	AN	AN	AN	AN	AN	AN	8	25.0
6	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AX	AX	11.3	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	1	11.3
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	0	
8	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AO	AO	AO	AO	AO	AO	AO	0	
9	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
10	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
11	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
12	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
13	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	BA	BC	AX	8.0	11.0	10.0	10.0	10.0	10.0	14.0	10.0	8	14.0
14	8.0	10.0	8.0	8.0	12.0	9.0	11.0	12.0	14.0	12.0	14.0	32.0 V	10.0	10.0	7.0	9.0	7.0	2.0	4.0	4.0	.0	3.0	3.0	5.0	24	32.0
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	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	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	0	
18	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AX	AX	15.0	8.0	11.0	7.0	6.0	9.0	15.0	AN	AN	AN	AN	AN	7	15.0
19	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AX	23.0	14.0	16.0	8.0	11.0	9.0	8.0	11.0	10.0	9.0	14.0	11.0	10.0	13	23.0
20	7.0	11.0	8.0	11.0	8.0	9.0	9.0	11.0	9.0	11.0	11.0	10.0	14.0	9.0	7.0	6.0	6.0	5.0	10.0	5.0	7.0	8.0	5.0	8.0	24	14.0
21	5.0	11.0	7.0	12.0	8.0	6.0	9.0	8.0	.0	7.0	12.0	13.0	7.0	-1.0	4.0	1.0	10.0	6.0	13.0	4.0	6.0	6.0	6.0	6.0	24	13.0
22	8.0	9.0	8.0	5.0	2.0	6.0	6.0	5.0	2.0	1.0	7.0	16.0	22.0	2.0	13.0	10.0	4.0	12.0	8.0	9.0	12.0	11.0	11.0	10.0	24	22.0
23	11.0	12.0	10.0	10.0	9.0	7.0	8.0	11.0	7.0	4.0	9.0	12.0	14.0	13.0	6.0	11.0	10.0	2.0	6.0	8.0	13.0	AN	AN	AN	21	14.0
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	0	
25	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	16.0	10.0	5.0	6.0	5.0	6.0	6.0	7.0	7.0	9.0	7.0	7.0	9.0	13	16.0
26	7.0	10.0	11.0	9.0	7.0	10.0	11.0	8.0	2.3	AX	BA	BA	BC	-3.0	7.0	1.0	7.0	6.0	5.0	22.0	3.0	7.0	6.0	10.0	20	22.0
27	7.0	7.0	5.0	7.0	8.0	9.0	9.0	7.0	2.0	13.0	12.0	11.0	15.0	15.0	6.0	11.0	7.0	10.0	12.0	11.0	12.0	8.0	11.0	9.0	24	15.0
28	10.0	12.0	7.0	10.0	9.0	11.0	10.0	16.0	8.0	16.0	17.0	12.0	17.0	16.0	13.0	15.0	14.0	17.0	17.0	13.0	14.0	14.0	14.0	11.0	24	17.0
29	11.0	4.0	6.0	4.0	6.0	7.0	7.0	8.0	3.0	7.0	2.0	7.0	7.0	10.0	9.0	8.0	9.0	5.0	12.0	5.0	9.0	10.0	6.0	6.0	24	12.0
30	4.0	6.0	4.0	2.0	4.0	5.0	6.0	6.0	-1.0	4.0	6.0	8.0	7.0	8.0	9.0	3.0	2.0	1.0	2.0	4.0	2.0	5.0	4.0	5.0	24	9.0
31																									0	
NO.:	12	12	12	12	12	12	12	12	12	11	12	15	17	17	17	17	18	18	16	15	15	13	13	13		
MAX:	11.0	12.0	11.0	12.0	12.0	11.0	11.0	16.0	14.0	16.0	17.0	32.0	22.0	17.0	15.0	25.0	14.0	19.0	17.0	22.0	14.0	14.0	14.0	11.0		
AVG:	7.00	7.75	6.75	6.50	6.58	7.33	7.08	7.83	4.19	6.82	7.75	12.41	11.31	7.82	7.65	7.82	7.50	7.11	8.56	7.53	7.93	8.23	7.54	7.62		

MONTHLY OBSERVATIONS: 335 MONTHLY MEAN: 7.79 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-121-0004 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

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

DAY	HOUR 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	5.0	4.0	8.0	6.0	9.0	1.0	2.0	-6.0	8.0	2.0	5.0	8.0	3.0	3.0	4.0	5.0	3.0	6.0MD	2.0	1.0	2.0	11.0	4.0	24	11.0
2	1.0	4.0	5.0	.0	6.0	1.0	4.0	5.0	-1.0	4.0	12.0	BA	4.0	8.0	5.0	3.0	4.0	6.0	3.0	6.0	8.0	18.0	8.0	4.0	23	18.0
3	4.0	10.0	6.0	7.0	5.0	6.0	8.0	6.0	6.0	5.0	7.0	1.0	7.0	7.0	8.0	6.0	6.0	7.0	1.0	5.0	6.0	8.0	5.0	9.0	24	10.0
4	6.0	8.0	7.0	7.0	5.0	7.0	16.0	16.0	15.0	17.0	10.0	14.0	10.0	7.0	6.0	4.0	4.0	6.0	5.0	10.0	4.0	11.0	8.0	7.0	24	17.0
5	11.0	12.0	6.0	7.0	7.0	5.0	7.0	3.0	.0	6.0	6.0	14.0	12.0	5.0	9.0	5.0	5.0	8.0	7.0	12.0	4.0	3.0	8.0	5.0	24	14.0
6	9.0	6.0	9.0	7.0	9.0	7.0	8.0	3.0	4.0	9.0	6.0	11.0	15.0	10.0	6.0	7.0	4.0	6.0	2.0	7.0	9.0	7.0	5.0	2.0	24	15.0
7	7.0	8.0	6.0	10.0	4.0	6.0	7.0	9.0	14.0	12.0	2.0	8.0	6.0	5.0	6.0	9.0	1.0	7.0	5.0	3.0	9.0	12.0	12.0	8.0	24	14.0
8	2.0	4.0	2.0	1.0	4.0	7.0	7.0	3.0	2.0	5.0	7.0	7.0	.0	3.0	8.0	3.0	5.0	8.0	1.0	-2.0	4.0	1.0	4.0	.0	24	8.0
9	2.0	1.0	-1.0	1.0	.0	1.0	.0	3.0	1.0	1.0	4.0	AX	BA	-1.0	2.0	5.0	2.0	6.0	4.0	4.0	4.0	5.0	4.0	8.0	22	8.0
10	5.0	8.0	7.0	2.0	5.0	7.0	2.0	3.0	-1.0	4.0	4.0	-1.0	9.0	9.0	-3.0	1.0	4.0	2.0	11.0	3.0	7.0	9.0	10.0	9.0	24	11.0
11	11.0	16.0	8.0	4.0	6.0	9.0	6.0	10.0	6.0	3.0	10.0	10.0	7.0	8.0	5.0	7.0	10.0	9.0	5.0	13.0	6.0	9.0	10.0	6.0	24	16.0
12	9.0	8.0	9.0	4.0	4.0	5.0	1.0	7.0	6.0	5.0	8.0	15.0	10.0	8.0	9.0	9.0	9.0	14.0	8.0	9.0	10.0	12.0	7.0	7.0	24	15.0
13	9.0	7.0	5.0	2.0	-3.0	-2.0	.0	2.0	-2.0	3.0	3.0	2.0	4.0	.0	1.0	1.0	2.0	3.0	4.0	5.0	3.0	2.0	5.0	3.0	24	9.0
14	6.0	3.0	7.0	1.0	3.0	4.0	2.0	7.0	3.0	8.0	1.0	15.0	8.0	9.0	8.0	2.0	10.0	11.0	11.0	10.0	11.0	11.0	10.0	13.0	24	15.0
15	11.0	10.0	12.0	10.0	10.0	10.0	10.0	8.0	4.0	1.0	6.0	7.0	5.0	1.0	-4.0	1.0	2.0	14.0	6.0	5.0	8.0	9.0	9.0	9.0	24	14.0
16	4.0	4.0	2.0	1.0	-2.0	1.0	1.0	.0	1.0	.0	2.0	-2.0	4.0	-4.0	4.0	1.0	.0	5.0	2.0	.0	6.0	2.0	3.0	3.0	24	6.0
17	3.0	4.0	4.0	2.0	5.0	7.0	7.0	-3.0	5.0	2.0	3.8	AX	BA	.5	5.0	2.0	2.0	8.0	.0	4.0	9.0	3.0	10.0	8.0	22	10.0
18	8.0	8.0	8.0	8.0	7.0	6.0	6.0	3.0	5.0	-2.0	10.0	8.0	5.0	5.0	6.0	3.0	7.0	4.0	1.0	3.0	4.0	9.0	9.0	4.0	24	10.0
19	2.0	8.0	7.0	5.0	6.0	5.0	3.0	5.0	4.0	2.0	3.0	2.0	.0	5.0	2.0	4.0	.0	2.0	9.0	-1.0	2.0	5.0	3.0	4.0	24	9.0
20	2.0	3.0	3.0	2.0	1.0	6.0	.0	5.0	3.0	6.0	2.0	7.0	7.0	4.0	4.0	4.0	3.0	3.0	3.0	1.0	2.0	2.0	6.0	7.0	24	7.0
21	5.0	9.0	8.0	7.0	9.0	4.0	6.0	4.0	8.0	13.0	11.0	11.0	12.0	7.0	3.0	5.0	3.0	5.0	6.0	9.0	6.0	10.0	6.0	9.0	24	13.0
22	8.0	6.0	9.0	7.0	9.0	9.0	9.0	10.0	6.0	7.0	7.0	11.0	6.0	2.0	2.0	4.0	2.0	3.0	3.0	1.0	4.0	6.0	3.0	.0	24	11.0
23	2.0	.0	.0	3.0	3.0	1.0	.0	1.0	4.0	5.0	9.0	9.0	4.0	14.0	9.0	2.0	.0	-1.0	-2.0	.0	3.0	-3.0	1.0	1.0	24	14.0
24	2.0	.0	1.0	-3.0	-2.0	1.0	-1.0	1.0	3.0	8.0	7.0	2.0	2.0	-2.0	1.0	.0	-1.0	-5.0	.0	1.0	1.0	2.0	.0	1.0	24	8.0
25	.0	2.0	1.0	4.0	1.0	4.0	7.0	2.0	5.0	5.0	9.0	3.0	8.0	2.0	5.0	4.0	.0	7.0	.0	5.0	4.0	9.0	8.0	3.0	24	9.0
26	-2.0	5.0	1.0	2.0	2.0	3.0	1.0	4.0	6.0	10.0	9.0	7.0	9.0	5.0	3.0	2.0	3.0	1.0	1.0	.0	7.0	16.0	10.0	7.0	24	16.0
27	11.0	8.0	9.0	8.0	10.0	8.0	8.0	10.0	10.0	11.0	11.0	8.0	11.0	7.0	4.0	9.0	6.0	6.0	1.0	4.0	4.0	6.0	12.0	10.0	24	12.0
28	18.0	9.0	9.0	12.0	7.0	7.0	8.0	7.0	10.0	7.0	8.0	8.0	7.0	.0	3.0	4.0	6.0	5.0	6.0	5.0	1.0	3.0	2.0	3.0	24	18.0
29	2.0	-5.0	-2.0	-1.0	.0	.0	-1.0	-1.0	.0	-1.0	-1.0	4.0	5.0	2.0	1.0	.0	-6.0MD	1.0	3.0	3.0	2.0	3.0	.0	.0	24	5.0
30	1.0	-1.0	-1.0	3.0	5.0	3.0	2.0	9.0	7.0	8.0	10.0	6.0	6.0	7.0	8.0	4.0	3.0	4.0	4.0	4.0	13.0	17.0	21.0	10.0	24	21.0
31	7.0	8.0	11.0	14.0	5.0	10.0	5.0	9.0	7.0	8.0	8.0	11.0	9.0	10.0	6.0	9.0	4.0	1.0	1.0	7.0	8.0	11.0	9.0	12.0	24	14.0
NO.:	31	31	31	31	31	31	31	31	31	31	31	28	29	31	31	31	31	31	31	31	31	31	31	31		
MAX:	18.0	16.0	12.0	14.0	10.0	10.0	16.0	16.0	15.0	17.0	12.0	15.0	15.0	14.0	9.0	9.0	10.0	14.0	11.0	13.0	13.0	18.0	21.0	13.0		
AVG:	5.55	5.74	5.23	4.68	4.42	5.06	4.52	4.94	4.35	5.81	6.35	7.25	6.90	4.73	4.35	4.00	3.39	5.13	3.77	4.45	5.48	7.10	7.06	5.68		

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 5.23 MONTHLY MAX: 21.0

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: 37-121-0004 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

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

DAY	HOUR 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	9.0	12.0	11.0	17.0	14.0	11.0	14.0	18.0	16.0	18.0	10.0	10.0	11.0	15.0	9.0	10.0	1.0	5.0	8.0	8.0	13.0	9.0	11.0	24	18.0
2	3.0	9.0	13.0	10.0	7.0	8.0	18.0	13.0	12.0	12.0	13.0	AX	BA	BA	10.0	7.0	6.0	9.0	6.0	3.0	3.0	12.0	48.0 V	8.0	21	48.0
3	15.0	17.0	14.0	9.0	7.0	13.0	9.0	5.0	1.0	14.0	12.0	9.0	9.0	5.0	4.0	2.0	7.0	6.0	7.0	4.0	8.0	5.0	10.0	7.0	24	17.0
4	7.0	8.0	8.0	4.0	6.0	.0	1.0	4.0	3.0	5.0	3.0	2.0	3.0	3.0	6.0	5.0	6.0	4.0	2.0	2.0	1.0	.0	3.0	8.0	24	8.0
5	-3.0	2.0	4.0	-5.0	4.0	.0	-1.0	3.0	3.0	1.0	3.0	4.0	1.0	8.0	5.0	5.0	.0	-3.0	1.0	5.0	.0	.0	.0	5.0	24	8.0
6	6.0	7.0	2.0	3.0	9.0	4.0	5.0	7.0	11.0	6.0	9.0	14.0	18.9	8.3	13.0	10.0	8.0	7.0	5.0	11.0	9.0	10.0	12.0	13.0	24	18.9
7	8.0	8.0	6.0	8.0	6.0	4.0	6.0	12.0	10.0	6.0	8.0	9.0	5.0	1.0	-1.0	6.0	6.0	2.0	4.0	.0	8.0	8.0	4.0	7.0	24	12.0
8	4.0	3.0	3.0	2.0	4.0	5.0	1.0	.0	-3.0	4.0	1.0	-2.0	2.0	4.0	-1.0	2.0	-2.0	2.0	7.0	1.0	-4.0	6.0	5.0	-1.0	24	7.0
9	4.0	2.0	-2.0	1.0	-1.0	1.0	2.0	7.0	-1.0	.0	2.0	.0	3.0	3.0	2.0	-5.0	1.0	1.0	-3.0	-2.0	2.0	2.0	5.0	5.0	24	7.0
10	-1.0	3.0	7.0	2.0	6.0	6.0	4.0	3.0	3.0	3.0	5.0	10.0	6.0	8.0	6.0	9.0	8.0	8.0	7.0	5.0	11.0	11.0	19.0	23.0	24	23.0
11	13.0	10.0	12.0	5.0	6.0	7.0	5.0	7.0	6.0	5.0	1.0	6.0	5.0	3.0	6.0	6.0	5.0	7.0	5.0	10.0	4.0	11.0	5.0	15.0	24	15.0
12	15.0	15.0	13.0	20.0	8.0	11.0	10.0	10.0	8.0	8.0	12.0	10.0	13.0	12.0	11.0	3.0	4.0	4.0	4.0	7.0	14.0	5.0	10.0	6.0	24	20.0
13	10.0	12.0	5.0	4.0	9.0	-1.0	6.0	4.0	8.0	2.0	6.0	2.0	4.0	.0	-2.0	5.0	4.0	-1.0	4.0	6.0	8.0	8.0	7.0	11.0	24	12.0
14	8.0	10.0	12.0	6.0	6.0	8.0	6.0	6.0	11.0	12.0	18.0	BA	BA	5.0	8.0	7.0	6.0	9.0	6.0	3.0	11.0	12.0	5.0	8.0	22	18.0
15	10.0	13.0	10.0	5.0	8.0	5.0	6.0	8.0	7.0	11.0	14.0	12.0	12.0	13.0	7.0	6.0	9.0	9.0	10.0	7.0	11.0	17.0	17.0	15.0	24	17.0
16	16.0	10.0	7.0	11.0	6.0	7.0	10.0	1.0	2.0	3.0	.0	3.0	4.0	2.0	1.0	-2.0	4.0	3.0	-1.0	3.0	1.0	-2.0	2.0	1.0	24	16.0
17	9.0	7.0	4.0	3.0	3.0	6.0	4.0	4.0	2.0	3.0	8.0	8.0	AZ	AZ	AZ	AZ	10.0	2.0	2.0	3.0	6.0	5.0	10.0	9.0	20	10.0
18	9.0	13.0	12.0	11.0	13.0	12.0	11.0	8.0	9.0	7.0	4.0	10.0	7.0	8.0	7.0	8.0	9.0	10.0	10.0	15.0	9.0	14.0	10.0	8.0	24	15.0
19	8.0	1.0	-1.0	-2.0	1.0	-3.0	2.0	-3.0	.0	-2.0	3.0	4.0	7.0	4.0	2.0	5.0	5.0	3.0	1.0	7.0	3.0	2.0	5.0	8.0	24	8.0
20	2.0	4.0	6.0	7.0	4.0	9.0	5.0	7.0	8.0	8.0	11.0	23.0	39.0	30.0	19.0	4.0	-6.0MD	AN	AN	AN	-1.0	9.0	8.0	4.0	21	39.0
21	13.0	12.0	14.0	13.0	7.0	9.0	9.0	9.0	10.0	25.0	32.0	34.0	12.0	10.0	3.0	6.0	12.0	4.0	.0	-1.0	-2.0	7.0	16.0	27.0	24	34.0
22	20.0	20.0	14.0	9.0	12.0	18.0	12.0	.0	6.0	7.0	17.0	17.0	32.0	14.0	8.0	5.0	.0	AN	AN	AN	AN	9.0	4.0	9.0	20	32.0
23	13.0	11.0	12.0	12.0	9.0	10.0	14.0	11.0	8.0	9.0	19.0	27.0	18.0	22.0	12.0	15.0	-1.0	-3.0	-9.0MD	AN	2.0	10.0	8.0	10.0	23	27.0
24	10.0	12.0	13.0	12.0	11.0	14.0	14.0	14.0	7.0	11.0	29.0	41.0	33.0	30.0	7.0	4.0	2.0	1.0	AN	AN	AN	17.0	19.0	16.0	21	41.0
25	16.0	23.0	21.0	14.0	14.0	15.0	14.0	12.0	13.0	17.0	37.0	23.0	5.0	19.0	14.0	AN	AN	AN	AN	AN	3.0	7.0	2.0	7.0	19	37.0
26	5.0	6.0	1.0	2.0	.0	1.0	2.0	1.0	-6.0MD	3.0	8.0	14.0	17.0	18.0	15.0	1.0	AN	AN	AN	AN	2.0	-1.0	4.0	4.0	20	18.0
27	-1.0	1.0	4.0	3.0	3.0	3.0	1.0	7.0	2.0	4.0	9.0	AX	BA	3.0	5.0	5.0	.0	-1.0	.0	12.0	6.0	6.0	16.0	20.0	22	20.0
28	15.0	16.0	13.0	7.0	7.0	5.0	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	1.0	2.0	7.0	5.0	11.0	14.0	10.0	21.0	14	21.0
29	19.0	17.0	15.0	17.0	17.0	16.0	10.0	8.0	11.0	11.0	5.0	14.0	15.0	18.0	13.0	14.0	4.0	-3.0	-6.0MD	1.0	10.0	15.0	14.0	13.0	24	19.0
30	13.0	16.0	16.0	17.0	20.0	20.0	19.0	20.0	15.0	19.0	16.0	17.0	24.0	19.0	9.0	8.0	7.0	4.0	9.0	7.0	18.0	34.0	23.0	18.0	24	34.0
31																									0	
NO.:	30	30	30	30	30	30	29	29	29	29	29	26	25	27	28	27	28	26	25	24	28	30	30	30		
MAX:	20.0	23.0	21.0	20.0	20.0	20.0	19.0	20.0	18.0	25.0	37.0	41.0	39.0	30.0	19.0	15.0	12.0	10.0	10.0	15.0	18.0	34.0	48.0	27.0		
AVG:	9.20	9.90	9.00	7.37	7.63	7.57	7.45	6.97	6.34	7.93	11.14	12.35	12.20	10.42	7.29	5.56	4.46	3.35	3.32	5.08	5.79	8.87	10.33	10.53		

MONTHLY OBSERVATIONS: 679 MONTHLY MEAN: 7.96 MONTHLY MAX: 48.0

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: 37-121-0004 POC: 3
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: Multiple Monitor Types
COLLECTION AND ANALYSIS METHOD: (209) Met One BAM-1022 Mass Monitor w/ V
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2017

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

DAY	HOUR 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	18.0	15.0	12.0	11.0	11.0	11.0	5.0	4.0	5.0	13.0	9.0	12.0	15.0	20.0	1.0	1.0	8.0	3.0	6.0	8.0	8.0	7.0	4.0	24	20.0
2	2.0	8.0	6.0	4.0	5.0	5.0	11.0	6.0	9.0	9.0	14.0	17.0	10.0	13.0	11.0	13.0	4.0	8.0	9.0	10.0	12.0	10.0	14.0	21.0	24	21.0
3	19.0	13.0	21.0	20.0	18.0	16.0	10.0	13.0	9.0	10.0	9.0	10.0	13.0	7.0	12.0	2.0	5.0	3.0	.0	3.0	2.0	3.0	7.0	6.0	24	21.0
4	6.0	10.0	6.0	10.0	6.0	12.0	9.0	8.0	10.0	13.0	13.0	16.0	14.0	18.0	17.0	AX	BA	BA	1.0	4.0	17.0	48.0 V	11.0	15.0	21	48.0
5	15.0	20.0	18.0	15.0	15.0	14.0	11.0	15.0	13.0	10.0	14.0	16.0	12.0	8.0	6.0	13.0	8.0	5.0	.0	5.0	-1.0	3.0	-1.0	.0	24	20.0
6	4.0	-1.0	3.0	1.0	1.0	2.0	.0	3.0	1.0	6.0	-1.0	6.0	2.0	2.0	-2.0	2.0	.0	2.0	5.0	-2.0	-7.0MD	.0	-2.0	-1.0	24	6.0
7	3.0	.0	-4.0	-2.0	4.0	1.0	.0	1.0	1.0	.0	3.0	6.0	.0	6.0	.0	-2.0	.0	5.0	2.0	4.0	2.0	3.0	8.0	9.0	24	9.0
8	6.0	5.0	5.0	4.0	8.0	8.0	7.0	6.0	6.0	9.0	6.0	4.0	6.0	4.0	15.0	4.0	7.0	3.0	5.0	4.0	8.0	6.0	2.0	5.0	24	15.0
9	3.0	2.0	4.0	8.0	3.0	3.0	4.0	6.0	1.0	3.0	-1.0	3.0	3.0	3.0	1.0	6.0	4.0	6.0	1.0	-6.0MD	1.0	2.0	6.0	1.0	24	8.0
10	3.0	7.0	9.0	9.0	1.0	1.0	4.0	6.0	2.0	2.0	7.0	9.0	10.0	6.0	6.0	7.0	7.0	4.0	4.0	5.0	2.0	5.0	4.0	2.0	24	10.0
11	3.0	4.0	3.0	2.0	3.0	2.0	5.0	5.0	10.0	-1.0	7.0	2.0	3.0	2.0	4.0	2.0	-2.0	4.0	3.0	.0	3.0	16.0	12.0	16.0	24	16.0
12	15.0	15.0	18.0	15.0	9.0	7.0	7.0	6.0	4.0	3.0	2.0	5.0	2.0	6.0	4.0	4.0	-1.0	-2.0	2.0	3.0	7.0	2.0	-1.0	1.0	24	18.0
13	1.0	-2.0	1.0	-4.0	-2.0	2.0	-1.0	2.0	-1.0	-4.0	2.0	7.0	5.0	10.0	11.0	3.0	4.0	3.0	-1.0	1.0	3.0	2.0	6.0	8.0	24	11.0
14	3.0	10.0	6.0	6.0	4.0	6.0	6.0	5.0	6.0	.0	3.0	8.0	8.0	8.0	20.0	6.0	3.0	-2.0	-3.0	.0	-1.0	10.0	7.0	7.0	24	20.0
15	14.0	15.0	15.0	16.0	17.0	18.0	14.0	12.0	15.0	15.0	24.0	17.0	17.0	7.0	5.0	10.0	4.0	9.0	7.0	10.0	8.0	9.0	14.0	9.0	24	24.0
16	4.0	.0	6.0	9.0	11.0	9.0	4.0	9.0	6.0	4.0	9.0	14.0	12.0	8.0	14.0	4.0	1.0	-2.0	-1.0	1.0	5.0	7.0	11.0	10.0	24	14.0
17	13.0	11.0	6.0	8.0	4.0	5.0	5.0	8.0	6.0	5.0	12.0	14.0	19.0	14.0	17.0	6.0	9.0	1.0	1.0	1.0	10.0	8.0	6.0	4.0	24	19.0
18	6.0	9.0	10.0	6.0	5.0	.0	4.0	5.0	12.0	13.0	14.0	15.0	10.0	7.0	4.0	.0	6.0	4.0	-10.0MD	-5.0	3.0	3.0	.0	2.0	24	15.0
19	8.0	4.0	.0	-1.0	3.0	5.0	4.0	3.0	6.0	6.0	4.0	14.0	AX	BA	.0	5.0	17.0	28.0	-2.0	5.0	-3.0	-2.0	-3.0	1.0	22	28.0
20	.0	.0	1.0	3.0	1.0	2.0	.0	2.0	4.0	-1.0	1.0	.0	2.0	1.0	5.0	2.0	1.0	1.0	2.0	-2.0	2.0	-1.0	4.0	-3.0	24	5.0
21	.0	1.0	.0	5.0	4.0	3.0	7.0	4.0	10.0	.0	6.0	7.0	9.0	7.0	12.0	7.0	2.0	1.0	7.0	12.0	13.0	8.0	9.0	19.0	24	19.0
22	21.0	20.0	17.0	15.0	16.0	15.0	20.0	14.0	16.0	4.0	9.0	15.0	15.0	7.0	6.0	12.0	8.0	12.0	14.0	13.0	10.0	11.0	20.0	8.0	24	21.0
23	11.0	13.0	12.0	8.0	5.0	10.0	7.0	11.0	3.0	5.0	5.0	1.0	-3.0	3.0	5.0	-3.0	1.0	-1.0	-1.0	-6.0MD	-4.0	.0	-4.0	-1.0	24	13.0
24	2.0	1.0	-2.0	-1.0	2.0	-2.0	5.0	3.0	2.0	-2.0	1.0	3.0	-3.0	1.0	-1.0	.0	.0	2.0	7.0	-1.0	3.0	4.0	.0	-4.0	24	7.0
25	-3.0	-5.0	-4.0	-5.0	-1.0	1.0	10.0	-1.0	4.0	1.0	.0	1.0	.0	6.0	3.0	-1.0	-1.0	-2.0	-4.0	3.0	2.0	4.0	.0	2.0	24	10.0
26	-2.0	-1.0	1.0	2.0	1.0	1.0	3.0	-3.0	1.0	1.0	1.0	3.0	4.0	8.0	6.0	3.0	4.0	.0	-3.0	2.0	.0	4.0	9.0	16.0	24	16.0
27	7.0	17.0	10.0	13.0	14.0	12.0	12.0	7.0	1.0	6.0	4.0	7.0	4.0	-3.0	10.0	2.0	1.0	1.0	1.0	3.0	7.0	2.0	.0	4.0	24	17.0
28	2.0	5.0	8.0	9.0	8.0	7.0	8.0	10.0	10.0	7.0	10.0	10.0	24.0	22.0	5.0	9.0	14.0	11.0	6.0	6.0	5.0	9.0	7.0	9.0	24	24.0
29	12.0	13.0	15.0	16.0	13.0	15.0	12.0	10.0	15.0	12.0	10.0	6.0	5.0	2.0	4.0	5.0	3.0	-1.0	6.0	-3.0	4.0	14.0	15.0	7.0	24	16.0
30	11.0	9.0	14.0	15.0	16.0	13.0	6.0	9.0	13.0	9.0	9.0	5.0	7.0	5.0	4.0	9.0	4.0	1.0	3.0	7.0	6.0	4.0	7.0	12.0	24	16.0
31	1.0	4.0	6.0	6.0	6.0	4.0	7.0	10.0	14.0	8.0	9.0	2.0	5.0	6.0	11.0	11.0	14.0	9.0	8.0	13.0	12.0	6.0	6.0	5.0	24	14.0
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	30	30	31	30	30	30	31	31	31	31	31	31		
MAX:	21.0	20.0	21.0	20.0	18.0	18.0	20.0	15.0	16.0	15.0	24.0	17.0	24.0	22.0	20.0	13.0	17.0	28.0	14.0	13.0	17.0	48.0	20.0	21.0		
AVG:	6.58	7.26	7.29	7.23	6.81	6.71	6.84	6.45	6.87	5.10	7.06	8.13	7.57	6.97	7.58	4.73	4.27	4.03	2.32	3.10	4.48	6.71	5.84	6.26		

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 6.09 MONTHLY MAX: 48.0

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: 37-123-0001 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: JANUARY 2017

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

DAY	HOUR 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	6.8	5.3	8.0	9.0	7.8	7.5	9.0	9.9	12.9	10.2	10.9	8.0	4.8	7.8	5.6	4.1	3.4	7.0	4.3	1.7	2.2	2.2	4.6	24	12.9
2	3.4	.5	.0	-.2	-.5	.0	.9	1.0	1.0	1.2	-.5	-2.4	-2.2	-1.7	-1.0	3.6	4.3	2.4	4.8	6.8	7.0	5.1	7.3	6.5	24	7.3
3	4.6	1.2	-.5	-1.2	-.7	-1.9	-.7	-1.7	-3.9	-.2	.5	1.2	-.2	-1.9	3.8	7.5	11.2	10.4	9.0	6.1	1.9	2.7	4.8	3.1	24	11.2
4	4.8	5.6	2.4	.2	.7	1.4	4.1	3.6	4.1	7.3	5.3	2.2	1.2	.5	1.9	2.2	.2	-.5	.0	.9	.7	2.9	4.1	3.4	24	7.3
5	3.1	6.1	3.4	2.2	2.4	1.7	1.4	3.6	4.1	3.1	2.9	3.9	1.0	-1.7	.7	4.8	3.9	4.3	8.0	7.5	5.6	6.1	4.6	4.8	24	8.0
6	8.5	8.2	11.9	10.2	7.8	13.9	13.4	13.1	13.4	8.0	3.8	2.9	4.1	4.1	4.1	4.3	5.1	5.3	3.4	6.3	6.1	3.6	3.9	3.6	24	13.9
7	8.5	5.6	2.6	2.4	3.6	3.1	7.0	AV	AV	AV	AV	AV	AV	AV	AV	7.8	7.3	8.5	6.1	8.0	8.5 6	6.8 6	8.2 6	11.6 6	16	11.6
8	7.0 6	6.7 6	6.3 6	9.4 6	12.1 6	11.1 6	10.1 6	7.4 6	9.1 6	13.1 6	9.2 6	8.5	10.9	7.3	6.8	8.3	8.0	5.3	6.8	5.1 6	6.8 6	8.9 6	6.5 6	9.6 6	24	13.1
9	12.1 6	10.6 6	11.1 6	11.6 6	7.9 6	10.8 6	12.6 6	13.5 6	11.8 6	8.9 6	7.5	11.9	9.2	8.7	8.0	6.8	9.9	9.7	8.3	11.7	10.4	9.5	8.5	9.0	24	13.5
10	9.5	8.7	8.7	9.7	9.5	5.8	6.6	10.7	14.1	10.4	AX	BA	2.2	2.9	2.4	.2	-.5	3.4	3.4	2.4	5.6	6.8	11.7	8.3	22	14.1
11	4.9	5.3	4.6	5.6	6.6	7.3	5.9	5.1	4.9	3.7	4.6	4.9	4.9	6.6	5.3	6.3	3.9	5.1	3.9	1.7	2.9	3.9	3.9	3.9	24	7.3
12	3.6	2.5	2.0	-1.9	-1.4	-.4	-1.9	-1.0	1.0	.8	.8	3.4	.5	-2.2	-.4	.3	.5	3.2	2.9	4.1	5.1	5.4	6.1	5.6	24	6.1
13	5.4	4.1	2.5	6.8	5.4	6.6	6.4	10.0	8.3	9.0	6.9	5.6	6.4	6.6	5.6	4.6	6.8	6.8	6.6	6.8	4.9	5.4	7.1	7.6	24	10.0
14	7.3	4.6	2.5	4.4	5.9	3.9	7.3	5.4	3.6	2.5	1.7	2.5	3.4	4.6	6.8	9.0	6.8	4.6	3.4	3.4	3.9	8.0	5.9	5.1	24	9.0
15	7.8	8.3	6.8	6.4	10.7	9.0	11.2	11.2	15.6	20.2	11.9	8.8	8.8	7.1	8.5	5.6	12.4	10.2	7.1	22.7	30.5	16.1	10.2	7.3	24	30.5
16	4.1	5.1	6.8	6.8	9.0	10.2	8.5	6.6	4.9	5.9	6.6	7.3	6.6	8.3	7.1	7.6	6.1	7.6	7.1	3.9	4.1	5.4	5.8	9.0	24	10.2
17	13.9	20.0	24.3	24.1	16.3	16.8	10.9	10.0	8.8	9.0	4.9	5.3	8.0	5.6	5.9	5.6	5.4	4.9	4.8	4.1	3.9	3.4	4.1	5.1	24	24.3
18	4.1	4.4	7.8	8.0	12.7	12.2	10.0	9.0	6.6	6.1	2.9	1.5	1.3	-2.4	-3.6	-1.4	2.2	1.5	.0	2.2	3.9	3.4	3.4	4.6	24	12.7
19	4.4	2.5	-.2	2.7	4.1	2.4	3.9	3.2	3.4	2.4	.7	-.7	-.2	1.3	.5	.0	2.7	5.1	3.2	1.2	6.6	20.7	18.2	14.8	24	20.7
20	14.9	9.2	7.1	7.1	6.8	10.7	11.7	9.2	7.3	6.1	5.1	6.8	6.6	4.1	2.2	10.0	11.7	8.5	9.0	9.2	10.9	10.5	14.6	10.7	24	14.9
21	9.5	8.3	6.1	4.9	7.8	5.9	10.0	10.7	6.8	10.7	8.8	6.6	5.1	7.1	10.2	8.8	6.8	6.6	3.9	4.4	6.1	7.5	4.6	2.5	24	10.7
22	5.4	4.4	4.9	2.9	-.5	4.4	4.4	1.0	-2.4	-3.9	-2.9	-.2	-1.9	-.2	-.7	-3.1	-1.7	3.4	3.6	2.0	.5	-2.2	-2.2	-1.2	24	5.4
23	-3.1	-.5	2.2	1.0	-.2	.0	-1.9	-.5	1.0	.0	.0	.7	1.0	1.5	1.0	-1.7	-.7	-.4	-1.4	.5	.0	-.2	.0	1.2	24	2.2
24	.7	-.2	-.2	.3	3.4	3.9	3.4	2.4	.8	3.6	2.3 6	AX	BA	.5	-.4	.8	2.5	.5	2.5	2.2	2.2	2.5	3.4	2.5	22	3.9
25	3.4	2.9	1.2	2.9	3.1	2.9	3.9	3.1	1.5	2.2	2.5	2.7	4.6	3.4	-1.6	-2.6	-1.2	.5	-.2	-.9	.0	5.6	7.1	6.6	24	7.1
26	5.8	4.6	5.1	3.4	6.8	5.9	5.4	4.1	3.4	3.2	1.7	2.0	2.0	2.5	1.7	-.2	.0	1.2	-.4	-.4	.8	1.5	3.2	3.7	24	6.8
27	2.0	7.1	5.9	5.4	4.9	4.1	4.6	5.9	5.6	4.4	4.9	3.4	2.7	3.4	6.4	5.1	3.2	2.9	4.1	4.9	5.8	7.3	6.6	3.2	24	7.3
28	1.2	2.0	.8	1.5	5.1	5.1	4.1	4.1	8.5	5.6	3.2	5.1	3.7	1.7	.5	2.0	3.6	2.7	1.5	1.9	3.4	2.4	.3	2.7	24	8.5
29	4.8	4.4	8.3	7.8	7.1	4.8	4.4	4.8	2.4	2.5	4.4	5.4	3.4	3.9	5.4	3.7	2.2	2.7	4.1	4.9	3.1	2.2	1.0	5.6	24	8.3
30	7.3	4.9	.0	-.7	1.7	2.9	2.9	2.7	6.1	4.1	3.6	3.4	1.5	.3	2.2	3.4	3.2	3.2	2.9	3.4	6.3	4.1	2.4	3.2	24	7.3
31	3.4	6.8	5.1	5.8	5.1	6.8	6.1	5.8	8.0	10.9	7.3	8.5	8.3	10.2	16.1	8.3	9.5	8.8	5.1	4.2	6.1	5.4	8.0	12.7	24	16.1
NO.:	31	31	31	31	31	31	31	30	30	30	29	28	29	30	30	31	31	31	31	31	31	31	31	31		
MAX:	14.9	20.0	24.3	24.1	16.3	16.8	13.4	13.5	15.6	20.2	11.9	11.9	10.9	10.2	16.1	10.0	12.4	10.4	9.0	22.7	30.5	20.7	18.2	14.8		
AVG:	5.73	5.51	4.99	5.08	5.55	5.78	5.94	5.77	5.66	5.79	4.17	4.36	3.82	3.23	3.77	3.97	4.50	4.57	4.21	4.69	5.33	5.58	5.66	5.84		

MONTHLY OBSERVATIONS: 732 MONTHLY MEAN: 4.99 MONTHLY MAX: 30.5

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.

(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: FEBRUARY 2017

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

DAY	HOUR 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	13.2	18.2	11.9	16.0	18.4	19.2	15.3	17.2	12.9	13.2	8.3	7.3	12.2	8.1	12.0	9.0	7.6	7.5	9.5	8.3	10.7	13.4	14.4	24	19.2
2	14.6	19.2	14.4	13.6	9.2	15.8	9.5	10.7	14.4	11.4	8.3	5.1	5.9	8.1	8.3	4.4	4.6	8.7	7.1	6.8	7.6	9.0	8.1	8.3	24	19.2
3	7.8	5.6	3.6	1.7	1.2	3.7	4.6	4.9	6.6	5.4	5.6	5.6	6.6	6.6	4.6	12.9	9.5	10.5	12.2	14.6	14.6	12.2	7.6	4.9	24	14.6
4	2.5	3.4	4.9	5.1	5.9	5.1	3.7	4.6	7.1	8.0	4.6	1.7	2.7	3.9	2.0	2.9	4.6	7.3	9.0	15.1	11.9	10.5	9.2	8.1	24	15.1
5	7.1	9.5	9.2	9.5	7.8	8.3	9.7	14.1	10.2	5.4	4.4	6.1	9.2	10.0	8.1	5.1	8.8	11.4	13.4	8.8	6.8	8.3	11.2	11.4	24	14.1
6	11.4	12.2	13.9	12.0	9.5	11.2	12.2	13.2	12.5	10.5	8.8	5.4	4.7	5.1	6.9	4.6	9.2	11.2	9.0	8.6	6.8	10.2	8.8	16.3	24	16.3
7	20.4	22.7	20.5	20.2	17.5	17.0	18.0	20.4	21.4	19.2	10.2	13.4	11.5	AX	BA	9.5	10.7	9.7	7.8	8.3	5.8	4.6	12.2	9.3	22	22.7
8	6.9	6.6	5.4	5.1	2.5	-.2	1.0	2.0	3.4	3.2	5.4	3.4	4.2	5.6	3.9	3.9	5.6	5.9	9.5	9.0	6.6	2.7	5.4	4.6	24	9.5
9	5.6	7.1	10.2	5.4	.5	-1.6	1.5	2.0	.0	.1	.3	2.9	2.9	2.5	3.4	1.5	1.0	3.4	1.7	.0	4.1	5.6	4.6	2.7	24	10.2
10	1.5	2.2	2.2	3.6	6.1	4.6	2.9	3.2	3.9	5.1	4.1	2.7	2.9	2.7	.5	-1.2	13.9	34.2	19.7	19.2	1.2	4.9	4.6	5.6	24	34.2
11	5.3	2.7	11.4	8.0	9.2	9.5	8.1	7.8	6.4	12.4	13.9	8.5	9.8	8.3	7.3	4.2	3.4	4.4	6.6	6.3	9.0	10.2	11.2	8.3	24	13.9
12	6.6	10.0	7.0	7.1	11.0	20.2	7.6	13.4	16.1	17.3	4.7	9.5	13.4	9.0	6.9	9.5	10.5	11.2	10.5	11.0	9.5	10.5	8.3	8.8	24	20.2
13	5.9	2.5	1.7	1.0	.5	1.3	.5	-1.7	-.7	.0	3.9	4.9	2.0	1.5	.1	2.0	9.8	15.8	14.4	9.0	6.4	4.9	5.9	6.6	24	15.8
14	2.7	-.5	2.7	1.7	2.2	2.5	2.7	2.9	2.2	3.9	1.0	-.5	11.0	9.5	6.8	13.2	20.5	23.1	21.7	16.5	16.8	16.5	18.7	19.0	24	23.1
15	17.7	21.2	18.5	21.2	23.9	17.7	17.0	21.4	16.1	5.6	10.2	8.5	5.4	8.5	7.1	5.1	4.9	2.5	4.9	6.8	3.4	6.8	6.1	3.9	24	23.9
16	2.7	9.5	5.1	2.2	1.5	1.7	4.4	3.4	9.5	9.0	3.9	3.4	.3	-3.1	-.4	.5	3.7	3.2	5.6	4.1	2.7	3.7	.3	3.2	24	9.5
17	3.9	1.0	3.4	5.6	5.4	3.4	1.2	2.9	3.4	3.4	2.0	1.5	2.0	1.0	1.5	4.2	4.6	1.2	.5	4.4	5.6	8.1	4.9	6.8	24	8.1
18	9.7	16.3	5.1	7.6	7.1	6.6	13.1	14.1	10.7	9.2	12.2	7.3	11.5	11.0	12.5	11.2	18.0	15.8	16.5	12.9	10.2	11.7	8.5	14.1	24	18.0
19	7.8	8.0	13.9	15.3	15.8	16.1	12.4	14.4	9.2	8.0	3.4	2.9	4.4	2.7	16.1	5.1	3.9	4.6	6.8	5.1	5.6	8.8	6.8	9.0	24	16.1
20	8.3	14.9	11.7	10.7	10.9	12.9	10.0	13.6	14.6	7.3	6.1	7.8	8.3	8.1	3.9	7.6	9.0	6.1	11.4	11.4	9.2	11.2	10.2	6.8	24	14.9
21	9.5	14.4	19.9	18.0	16.5	10.2	8.5	9.7	9.3	4.9	5.1	AZ	BA	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	11	19.9
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	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	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	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	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	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	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	0	
29																									0	
30																									0	
31																									0	
NO.:	21	21	21	21	21	21	21	21	21	21	21	20	20	19	19	20	20	20	20	20	20	20	20	20		
MAX:	20.4	22.7	20.5	21.2	23.9	20.2	19.2	21.4	21.4	19.2	13.9	13.4	13.4	12.2	16.1	13.2	20.5	34.2	21.7	19.2	16.8	16.5	18.7	19.0		
AVG:	8.20	9.60	9.66	8.88	8.58	8.78	7.99	9.16	9.21	7.72	6.25	5.42	6.30	5.96	5.66	5.91	8.26	9.89	9.79	9.37	7.61	8.56	8.30	8.61		

MONTHLY OBSERVATIONS: 489 MONTHLY MEAN: 8.09 MONTHLY MAX: 34.2

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.

(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: MARCH 2017

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

DAY	HOUR 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	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	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	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	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	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	0	
7	AS	AS	AS	AS	AS	AS	AS	AS	AS	BC	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	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	0	
10	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	AX	3.0	.0	3.0	6.0	5.0	3.0	6	6.0
11	5.0	4.0	2.0	4.0	5.0	3.0	4.0	5.0	5.0	2.0	1.0	.0	-1.0	-1.0	2.0	3.0	3.0	4.0	4.0	3.0	5.0	6.0	5.0	7.0	24	7.0
12	6.0	6.0	5.0	4.0	7.0	6.0	6.0	4.0	2.0	5.0	3.0	.0	1.0	2.0	1.0	.0	2.0	3.0	5.0	6.0	8.0	9.0	8.0	6.0	24	9.0
13	4.0	7.0	5.0	9.0	8.0	8.0	7.0	7.0	10.0	8.0	10.0	6.0	2.0	3.0	4.0	4.0	9.0	10.0	7.0	10.0	9.0	6.0	7.0	9.0	24	10.0
14	6.0	4.0	3.0	3.0	2.0	-1.0	1.0	3.0	5.0	17.0	BK	BK	BK	BK	1.3	.8	5.2	4.2	3.2	5.2	4.7	8.6	7.6	5.2	20	17.0
15	11.0	7.9	5.5	6.9	6.7	8.6	5.7 6	7.9	7.1	3.2	2.1	4.9 6	5.4	5.4	3.2	-.2	-.5	3.5	4.0	2.2	3.2	5.7	2.5	.3	24	11.0
16	5.2	7.1	9.3	5.9	8.3	7.6	9.4	7.9	4.9	5.7	9.3	8.8	8.8	6.9	8.6	9.1	5.4	7.2	7.6	8.8	8.4	19.1	15.9	16.1	24	19.1
17	14.9	10.8	7.6	12.3	10.3	10.3	7.4	7.1	5.2	5.9	6.6	5.4	6.9	6.9	11.5	10.8	30.4	42.1	18.6	12.5	8.6	13.7	16.4	13.7	24	42.1
18	17.3	13.0	23.9	25.0	25.2	21.7	23.0	25.4	22.0	15.6	20.5	19.3	23.4	23.9	15.9	11.8	8.9	12.8	10.8	10.3	7.9	6.7	8.8	7.6	24	25.4
19	3.0	-.4	1.5	7.9	5.7	7.9	6.4	4.0	1.0	1.5	1.5	.0	2.2	3.7	3.5	3.9	2.2	.7	3.5	4.7	3.7	5.0	7.6	5.2	24	7.9
20	6.9	6.9	5.2	6.2	6.2	9.6	12.0	8.6	6.4	5.2	2.2	5.7	6.1	3.2	.5	2.7	5.9	6.9	6.2	6.9	5.4	3.2	3.2	15.6	24	15.6
21	10.3	9.1	22.2	18.1	19.6	18.3	20.7	20.3	18.6	16.4	BA	BA	BA	12.0	10.3 6	9.1 6	8.8	9.6	13.5	15.6	45.2	9.8	6.7	9.4	21	45.2
22	5.4	4.7	10.6	6.4	4.2	9.1	7.1	4.7	9.4	9.1	8.1	3.9	4.0	3.2	3.0	5.4	4.7	4.4	5.5	5.7	8.1	9.1	9.1	8.1	24	10.6
23	8.6	5.9	3.7	2.5	2.5	3.5	6.4	7.4	5.2	5.7	5.2	7.1	8.6	5.9	3.2	3.5	4.9	7.1	13.0	26.2	23.7	14.2	18.6	12.5	24	26.2
24	10.8	12.5	16.6	14.4	10.6	10.3	15.1	13.0	11.8	9.5	6.2	9.8	21.5	45.7	18.3	12.5	8.1	6.2	10.1	8.6	9.8	15.9	13.2	11.3	24	45.7
25	10.6	9.3	7.9	13.2	15.6	7.6	12.7	10.1	10.1	5.9	6.4	3.7	2.0	2.7	2.7	4.7	3.2	7.8	7.6	5.2	4.7	11.1	7.4	3.9	24	15.6
26	2.7	4.0	2.5	1.0	3.5	5.4	6.9	7.9	7.1	4.2	.5	1.3	3.4	3.4	4.4	6.9	4.7	2.0	8.3	7.1	6.4	8.1	4.7	1.7	24	8.3
27	4.2	2.7	4.2	5.0	4.2	1.2	-3.4	4.0	5.0	4.4	4.4	4.0	2.2	5.7	9.1	6.7	8.3	8.8	11.8	9.1	9.3	6.9	5.9	3.7	24	11.8
28	2.5	3.7	6.7	4.9	5.2	6.2	7.9	4.7	3.0	7.1	5.4	5.7	8.3	7.4	7.9	5.2	4.9	4.9	5.9	7.1	6.7	6.1	5.9	5.2	24	8.3
29	3.2	1.2	3.0	8.4	5.9	7.4	5.9	5.9	7.1	7.1	6.6	4.5	5.2	3.7	5.4	5.7	7.1	5.0	5.9	9.8	11.0	10.6	7.8	7.4	24	11.0
30	20.3	15.6	19.3	12.7	9.6	5.2	5.9	5.5	4.5	5.0	2.8	2.2	3.7	19.8	32.5	10.3	6.7	4.7	9.1	8.1	5.7	3.2	.7	.8	24	32.5
31	1.5	2.2	-.7	3.2	3.2	2.5	3.9	5.4	6.4	6.1	7.1	7.1	6.6	7.6	6.7	7.9	5.7	3.4	4.2	5.0	4.0	2.2	.3	.0	24	7.9
NO.:	21	21	21	21	21	21	21	21	21	21	19	19	19	20	21	21	21	21	22	22	22	22	22	22		
MAX:	20.3	15.6	23.9	25.0	25.2	21.7	23.0	25.4	22.0	17.0	20.5	19.3	23.4	45.7	32.5	12.5	30.4	42.1	18.6	26.2	45.2	19.1	18.6	16.1		
AVG:	7.59	6.53	7.81	8.29	8.02	7.54	8.14	8.04	7.47	7.12	5.73	5.23	6.33	8.56	7.38	5.90	6.60	7.54	7.63	8.05	9.16	8.46	7.60	6.94		

MONTHLY OBSERVATIONS: 503 MONTHLY MEAN: 7.43 MONTHLY MAX: 45.7

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.

(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: APRIL 2017

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

DAY	HOUR 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	2.2	.9	3.4	1.5	-1.9	-.2	1.2	.5	-.9	-1.9	-.9	.9	-1.6	1.7	2.7	1.4	1.9	.0	2.9	4.1	3.2	2.2	1.2	24	4.1
2	2.9	2.4	1.0	2.9	3.7	4.1	2.7	3.2	3.7	6.3	5.4	2.9	.4	-.7	1.9	1.0	2.9	7.1	10.5	22.6	22.4	19.5	15.6	8.3	24	22.6
3	9.0	6.8	5.6	3.7	8.8	7.8	6.8	5.4	2.7	.9	1.7	2.9	4.1	5.9	6.1	6.4	6.8	3.6	-.7	-2.4	1.7	2.4	1.7	2.9	24	9.0
4	1.7	.4	4.4	2.2	.7	2.2	6.3	5.2	7.3	6.8	10.5	6.6	AX	BA	4.9	4.9	3.2	5.4	8.8	11.2	8.8	4.4	6.8	8.0	22	11.2
5	10.5	12.9	10.8	13.9	10.0	11.5	10.7	7.3	11.0	12.2	11.5	12.9	10.7	16.3	14.4	11.7	10.3	5.2	3.4	5.4	7.3	9.5	6.1	5.4	24	16.3
6	5.8	6.6	4.9	4.2	5.1	4.7	5.9	4.7	1.7	.0	-.2	3.2	2.9	-.9	-1.6	3.4	3.9	1.7	-2.1	-2.9	1.7	3.1	2.2	1.4	24	6.6
7	1.9	6.1	6.3	5.1	2.7	.5	1.9	1.7	2.2	2.4	4.1	3.4	1.7	2.4	.7	-1.2	-.4	.9	2.4	2.4	4.7	6.1	3.9	3.9	24	6.3
8	6.4	8.5	6.6	6.1	5.4	5.8	11.5	8.8	4.6	2.9	.7	.9	4.1	2.2	-.2	-1.1	-.7	3.4	6.8	7.1	4.9	4.6	6.3	6.8	24	11.5
9	5.9	8.0	8.6	8.0	7.1	12.9	7.3	11.2	11.5	6.6	5.4	6.3	4.9	1.9	1.9	2.2	2.9	8.3	7.6	4.9	4.2	6.4	6.8	8.8	24	12.9
10	8.3	8.8	6.8	14.8	9.8	10.3	9.5	5.9	4.9	4.6	4.4	4.6	.5	2.2	9.3	6.1	2.7	1.9	4.6	2.7	5.1	3.4	5.9	10.0	24	14.8
11	5.9	5.9	5.1	9.1	5.9	5.4	2.9	1.7	.9	1.2	2.4	2.2	2.9	13.1	8.0	8.3	6.1	4.1	5.6	9.8	10.0	7.1	5.4	5.9	24	13.1
12	11.5	9.8	6.4	4.9	2.6	6.3	6.3	3.2	1.9	4.6	7.3	7.8	7.8	7.3	12.2	11.0	8.5	11.7	16.3	13.4	9.3	5.6	8.0	9.0	24	16.3
13	10.5	8.3	9.1	17.3	10.0	11.0	10.5	8.8	7.5	9.3	7.8	10.7	12.9	7.8	7.3	6.6	8.0	5.6	7.5	9.2	16.8	13.6	21.9	15.8	24	21.9
14	18.8	7.8	11.9	12.2	12.2	9.7	9.5	7.8	7.1	7.3	7.5	5.3	6.8	10.7	7.0	7.5	9.3	10.7	11.2	10.7	8.5	8.8	9.5	10.2	24	18.8
15	6.8	4.9	15.3	11.2	10.2	8.5	6.8	7.6	9.5	11.0	7.3	2.6	2.6	6.8	7.1	6.3	5.3	6.1	6.3	7.3	11.5	10.0	9.5	10.0	24	15.3
16	8.5	10.7	6.1	7.5	9.5	8.5	8.0	11.2	9.3	9.5	9.8	7.5	10.0	8.0	6.6	6.3	6.1	5.4	10.7	11.9	8.3	8.5	10.2	11.0	24	11.9
17	12.2	8.3	8.3	8.0	9.5	6.3	8.0	6.6	6.6	7.3	7.1	6.3	8.3	12.9	11.7	9.7	13.9	8.3	9.0	7.8	9.2	10.2	8.8	6.3	24	13.9
18	11.0	9.8	8.7	7.8	6.6	7.3	8.3	8.5	10.2	7.3	AX	BA	9.0	9.5	5.1	7.8	11.7	6.6	4.9	6.1	8.3	3.6	1.2	5.3	22	11.7
19	6.1	4.1	2.7	5.8	4.4	2.1	.7	4.4	5.1	3.4	7.1	5.4	11.2	8.7	8.3	7.8	13.4	8.8	6.5	10.0	8.0	7.0	5.6	5.6	24	13.4
20	4.4	6.3	6.5	7.8	10.5	9.8	9.7	7.0	10.7	12.2	13.1	10.0	16.3	14.6	12.4	10.9	8.7	11.0	9.7	13.1	12.2	13.1	12.2	8.8	24	16.3
21	8.3	6.8	9.0	6.8	6.8	5.1	5.1	7.8	8.8	13.1	11.0	13.6	10.0	12.4	11.4	8.2	9.0	8.3	12.9	10.5	10.5	8.3	11.5	10.5	24	13.6
22	15.8	12.9	7.8	5.3	10.7	7.8	5.1	4.1	6.1	8.5	8.0	7.6	8.3	10.0	9.7	8.0	6.1	3.9	8.5	8.0	6.5	4.6	2.1	2.7	24	15.8
23	2.4	.0	-1.2	5.1	1.9	-1.4	.9	.7	1.2	.7	.9	1.4	.7	-.9	.0	1.6	1.2	1.7	2.4	2.4	2.6	2.4	1.4	-2.2	24	5.1
24	-1.4	.7	2.4	2.9	.2	-1.7	-.4	-.4	.4	.7	-.4	-.2	.2	.7	-1.4	-4.6	-3.9	-3.4	-1.7	.0	-1.4	-1.2	.7	.2	24	2.9
25	.0	3.6	1.9	-1.2	2.6	2.2	.4	.2	.2	-.4	-2.2	.0	2.1	.4	1.2	1.4	-1.9	.0	.4	-1.2	-2.4	-3.4	-.4	.2	24	3.6
26	3.1	2.9	.0	.9	1.4	1.6	1.2	-1.2	1.9	2.1	4.4	4.1	3.9	6.3	5.6	AV	AV	.2	5.8	3.4	9.0	8.0	5.4	2.9	22	9.0
27	-.4	8.8	7.7	8.8	5.6	2.1	2.9	1.2	.4	9.3	18.3	2.6	5.6	4.6	.9	1.4	6.8	4.8	4.4	6.1	9.3	2.2	-2.1	7.1	24	18.3
28	7.5	.9	-.9	-.2	-1.2	.7	-.4	6.8	8.3	10.5	6.8	4.2	9.3	9.3	5.1 6	4.9 6	4.4 6	4.9 6	14.6	8.5	5.6	11.9	7.1	4.9	24	14.6
29	4.4	2.2	-.4	.2	4.4	4.1	3.4	6.3	4.4	2.2	-1.9	10.2	7.3	3.9 6	4.6 6	3.6 6	.2	11.5	7.3	1.4	2.2	.0	-2.1	-3.6	24	11.5
30	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	.0	1.4	-4.6	-4.6	-3.9	-2.2	-4.6	-4.6	-4.6	-4.6	-3.1	-3.6	-4.6	-4.6	-4.6	-4.6	24	1.4
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	29	29	29	29	30	29	29	30	30	30	30	30	30	30		
MAX:	18.8	12.9	15.3	17.3	12.2	12.9	11.5	11.2	11.5	13.1	18.3	13.6	16.3	16.3	14.4	11.7	13.9	11.7	16.3	22.6	22.4	19.5	21.9	15.8		
AVG:	6.21	5.76	5.26	6.00	5.47	4.96	4.89	4.74	5.02	5.43	5.22	4.81	5.57	5.92	5.24	4.77	4.87	4.83	6.02	6.29	6.81	5.94	5.63	5.42		

MONTHLY OBSERVATIONS: 714 MONTHLY MEAN: 5.46 MONTHLY MAX: 22.6

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-123-0001 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: MAY 2017

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

DAY	HOUR 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	-2.4	-2.1	-4.6	-4.6	-4.6	-4.6	-3.7	-4.1	-4.6	-2.6	-3.1	-4.1	-.9	2.9	-.9	-4.4	-4.1	.0	.4	-2.9	-4.6	-4.6	-4.6	-4.6	24	2.9
2	-3.1	-4.6	-4.6	-2.4	-4.4	1.4	.0	-3.1	.4	-2.1	AX	BA	BA	3.4	1.2	-2.4	3.2	2.9	-2.2	-1.7	1.4	.2	3.1	3.2	21	3.4
3	1.6	-1.7	5.8	7.0	3.1	1.4	2.1	.9	-2.2	-1.9	-1.1	.2	.5	-.7	-.6	2.9	2.4 6	.2	-.9	-1.2	-.2	11.2	4.1	3.6	24	11.2
4	5.4	8.1	11.9	7.6	5.4	2.1	2.2	5.1	1.9	-.6	4.4	16.0	3.6	2.9	-.9	-2.9	.5	2.2	.9	-.9	-2.2	AJ	AJ	AJ	21	16.0
5	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	BA	BA	-2.9	-3.4	2.1	.7	1.2	5.1	2.4	3.9	4.4	1.4	10	5.1
6	-4.1	-4.7	-4.6	-1.6	-3.6	-4.6	.4	.0	-3.4	-4.1	-1.6	2.4	2.4	.2	.0	6.3	4.6	.9	7.1	3.4	5.1	2.9	1.9	1.2	24	7.1
7	3.4	1.9	4.9	4.4	2.7	.9	-3.1	.7	2.2	-.4	.7	.7	-2.6	-1.4	-1.9	-3.6	-2.4	-2.2	-.1	1.2	2.4	2.4	2.4	3.2	24	4.9
8	3.1	3.7	4.2	2.9	2.7	-.4	-1.2	5.1	-.2	-4.6	1.7	2.9	.2	-.9	-.9	2.9	2.4	.7	1.7	2.2	1.2	.7	1.4	2.9	24	5.1
9	3.2	3.4	2.9	.0	.5	4.4	3.2	4.4	1.9	.5	-.4	2.4	3.4	-.4	-1.1	-.9	-3.1	.7	.9	-.6	1.7	3.7	-4.1	-4.6	24	4.4
10	-1.4	2.2	-.4	3.1	6.3	6.8	4.4	1.2	1.4	3.1	4.6	6.8	8.3	10.0	10.5	12.2 6	11.9 6	6.8	7.0	8.5	3.6	4.4	4.1	4.1	24	12.2
11	2.1	-2.9	-.4	6.3	7.5	11.5	9.0	19.5	19.2	12.9	8.8	3.4	3.9	1.9	.0	14.1	8.8	4.1	3.9	3.2	3.6	-.7	-3.9	3.6	24	19.5
12	3.4	.0	-4.6	-4.6	-4.6	-.9	-4.6	-4.6	-4.6	-4.6	-4.6	1.4	1.4	-.9	1.2	1.2	.2	2.1	4.6	7.1	3.2	-2.4	-4.6	-3.6	24	7.1
13	-4.1	-4.6	-3.6	-4.6	-4.1	.9	-3.6	-4.6	-2.4	-1.7	-4.6	-4.6	-.7	-1.2	-4.6	-4.6	-4.1	-4.6	-3.4	-4.6	-4.6	-3.2	.7	.7	24	.9
14	-4.6	-4.6	-.9	.2	-.7	.2	1.4	.0	-1.2	-.4	1.4	4.1	3.7	1.4	-3.4	-3.7	-4.6	-3.4	2.4	-.7	3.4	4.4	7.5	4.6	24	7.5
15	.2	-1.9	4.4	4.6	1.4	2.9	2.9	-.9	-1.2	1.9	-.9	-.7	-.9	-2.4	.9	.4 6	1.2	5.1	5.1	6.1	4.1	6.8	5.6	2.9	24	6.8
16	14.8	9.0	4.6	11.9	7.1	3.2	6.6	5.8	9.0	4.6	1.5	AZ	BA	BA	-1.9 6	-2.4 6	-.4 6	.2 6	-1.4	.4	-.2	-1.6	5.1	10.2	21	14.8
17	9.3	5.9	1.4	3.1	.7	-2.4	.4	.2	.9	-.7	-4.6	-4.6	-2.6	.7	2.1 6	3.2 6	4.6 6	.9	-1.9	-1.7	-2.6	-.4	5.8	2.7	24	9.3
18	2.4	1.2	-2.9	-4.1	-1.4	-.9	-.4	2.6	.7	.0	3.6	1.2	-3.4	.4	.4	-4.2 6	-.4	.9	-.2	3.6	1.2	-2.4	4.6	10.2 6	24	10.2
19	2.2 6	-4.6 6	-.4 6	1.9 6	-.9 6	-1.4 6	-1.2 6	-4.6	2.9	4.1	-4.6	-4.6	2.9	1.4	-.7 6	.0 6	1.4 6	-4.1	-2.2	-.4	-4.1	-2.6	.0	-.4	24	4.1
20	2.1	2.9	3.1	6.1	2.2	-3.4	2.6	4.8	6.6	3.9	.9	3.4	3.9	2.9	1.9 6	5.1 6	2.1 6	-2.4 6	-3.9	-1.2	-.4	2.2	1.9	5.8	24	6.6
21	5.4	2.1	4.1	7.3	4.6	5.8	14.6	8.5	5.1	3.6	7.3	5.6	6.1	2.1	8.8	9.5	6.1	4.9	.9	-4.6	-1.6	.7	AJ	AJ	22	14.6
22	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	
23	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	
24	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	
25	AJ	AV	AV	-2.9	AJ	AJ	AJ	AJ	AJ	-3.4	1.2	-2.2	-4.6	-2.9	-3.7	-3.9	1.4	-.2	-2.2	-1.4	.7	3.4	2.6	.9	16	3.4
26	.7	1.9	.4	.7	.7	-1.9	-4.6	-4.4	-1.9	BA	BA	3.6	5.6	5.8	6.5	5.6	8.7	6.0	5.8	6.1	5.6	10.7	8.2	4.8	22	10.7
27	5.3	5.6	6.6	5.1	6.8	5.6	3.4	8.5	12.9	9.7	7.3	7.8	15.6	11.5	9.3	9.8 6	9.7 6	11.7	10.7	11.4	9.5	11.5	11.0	8.0	24	15.6
28	7.5	7.5	6.8	12.7	17.5	14.3	16.3	20.7	9.2	6.8	3.2	5.4	4.4	1.4	1.4	4.9	4.1	1.9	2.4	1.7	.2	.7	1.2	2.1	24	20.7
29	3.8	2.1	1.9	2.6	4.6	5.1	2.9	1.9	6.3	4.4	6.5	5.4	2.4	2.9	3.4 6	5.1	3.6 6	3.4	5.8	5.6	2.6	2.1	1.9	-.2	24	6.5
30	.0	-.2	2.4	4.6	2.1	-.7	2.4	2.4	4.6	AX	BA	5.8	3.6	6.0	5.8	7.0	8.5	8.0	8.3	7.3	8.8	6.3	4.1	5.1	22	8.8
31	5.1	4.6	3.1	3.6	8.5	7.0	6.3	4.6	5.8	4.8	6.8	9.2	10.2	8.5	6.3	7.5	12.9	7.0	3.1	2.9	4.9	8.5	10.0	8.5	24	12.9
NO.:	26	26	26	27	26	26	26	26	26	25	24	25	25	26	28	28	28	28	28	28	28	27	26	26		
MAX:	14.8	9.0	11.9	12.7	17.5	14.3	16.3	20.7	19.2	12.9	8.8	16.0	15.6	11.5	10.5	14.1	12.9	11.7	10.7	11.4	9.5	11.5	11.0	10.2		
AVG:	2.36	1.16	1.60	2.63	2.31	2.01	2.26	2.72	2.67	1.33	1.43	2.68	2.66	2.13	1.29	2.19	2.90	1.94	1.92	1.93	1.61	2.55	2.86	2.93		

MONTHLY OBSERVATIONS: 635 MONTHLY MEAN: 2.17 MONTHLY 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.

(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: JUNE 2017

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

DAY	HOUR 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	7.1	4.9	5.6	5.8	8.0	8.5	9.7	17.2	11.4	13.6	9.0	5.1	2.1	1.9 6	5.6	4.6	2.1	7.5	6.1	6.1	6.3	4.4	10.2	24	17.2
2	6.6	10.9	7.3	12.6	9.5	8.8	10.7	7.0	2.9	3.1	4.4	5.8	7.5	5.8	3.8	4.1 6	4.6 6	2.9	2.1	6.0	8.2	8.0	6.0	11.0	24	12.6
3	10.2	10.0	9.0	10.7	8.5	6.3	12.4	10.2	15.5	12.4	12.9	9.2	9.0	12.1	7.8	6.8 6	7.0 6	8.2 6	7.0	12.2	10.4	14.3	9.2	9.2	24	15.5
4	10.7	8.5	6.0	7.1	6.5	9.3	9.7	9.0	6.1	5.1	3.4	1.9	6.3	8.5	9.7	7.1	2.9	4.3	3.9	3.9	3.4	2.1	2.4	1.1	24	10.7
5	-.2	.4	-.4	.4	.2	-2.7	2.6	5.6	4.8	6.5	5.3	4.8	7.3	7.2	7.3	5.6	2.6	2.7	3.8	5.3	2.6	2.4	2.4	1.6	24	7.3
6	.9	1.4	1.9	2.1	2.9	.4	.2	4.8	3.4	.9	8.7	5.3	7.5	6.5	4.9	5.3	7.8	4.8	5.1	6.8	12.1	7.8	7.5	5.6	24	12.1
7	5.3	3.1	3.9	3.9	3.1	1.9	1.6	10.2	8.2	5.6	5.3	4.1	3.1	4.1	4.6	4.6	5.8	5.3	5.6	9.2	6.5	4.3	2.1	4.3	24	10.2
8	3.4	.2	.4	1.2	1.4	1.9	1.1	.4	.2	-2.4	.0	2.1	5.6	4.1	.4	4.8	5.1	2.9	1.9	2.4	1.9	3.4	3.9	4.4	24	5.6
9	3.4	2.6	.7	1.4	2.9	4.6	3.1	1.6	3.8	4.4	5.3	7.5	5.1	6.5	6.1	8.3	8.7	6.5	4.4	4.4	4.6	5.6	6.6	8.0	24	8.7
10	8.2	8.2	7.5	7.3	11.4	9.2	6.3	8.5	10.2	7.0	10.7	10.5	7.5	8.8 6	10.4 6	8.5 6	10.7 6	8.7 6	8.3	8.0	12.4	11.0	9.3	5.6	24	12.4
11	6.3	5.1	3.4	4.6	2.1	-.7	.0	1.9	6.8	4.6	3.1	3.8	5.6	4.6	3.1 6	4.6 6	6.1 6	4.1 6	1.9	6.6	6.3	6.1	7.5	8.5	24	8.5
12	10.7	7.5	6.3	7.5	7.3	5.1	5.8	5.3	11.9	8.8	5.3	3.6	6.5	7.5	6.1 6	4.1 6	11.0	6.5	7.8	9.7	11.7	10.5	8.5	9.0	24	11.9
13	9.0	8.5	11.5	9.7	10.5	11.7	8.5	10.2	9.5	10.2	AX	BA	14.3	10.7	10.2	6.3	7.8	8.0	9.2	6.1	7.5	6.8	3.9	.4	22	14.3
14	5.6	8.0	8.5	6.8	3.6	.1	.2	5.3	8.5	11.2	7.5	5.6	7.5	4.6 6	.6 6	.0 6	3.8 6	4.8 6	3.3 6	3.6	8.2	7.8	6.3	3.4	24	11.2
15	.4	.9	1.4	1.6	2.9	6.8	6.8	8.5	10.0	13.1	14.1	9.5	7.5	6.1 6	7.3 6	6.8 6	16.3 6	11.4	11.4	10.0	7.0	7.0	9.9	5.6	24	16.3
16	.4	.0	4.6	4.4	4.6	4.6	3.3	2.9	3.4	9.7	9.0	3.4	.2	2.6	.7 6	-.7 6	6.8	9.3	5.3	.4	1.6	2.4	1.2	3.4	24	9.7
17	.2	-.7	2.1	3.4	9.7	6.8	4.3	6.3	5.4	4.1	4.6	6.5	8.5	5.8	3.9 6	7.3 6	7.1 6	8.0	6.5	5.6	4.1	3.6	3.4	1.6	24	9.7
18	5.8	4.3	2.4	3.6	2.9	3.9	4.6	4.6	7.8	8.5	8.3	4.4	3.8	5.1	3.1	5.1 6	5.6	4.4	4.6	5.8	5.8	5.3	7.0	7.1	24	8.5
19	5.1	6.8	5.1	1.6	5.1	.7	5.6	10.0	8.2	8.2	9.5	8.2	8.0	7.0	7.0 6	7.0 6	5.0	2.0	2.0	3.0	1.0	2.0	3.0	2.0	24	10.0
20	.0	-1.0	.0	-1.0	1.0	3.0	2.0	1.0	.0	.0	2.0	.0	-2.0	-2.0	-1.0	1.0	7.0	5.0	4.0	3.0 6	1.0 6	.0 6	-2.0 6	-1.0 6	24	7.0
21	.0 6	-1.0 6	-2.0 6	-4.0 6	-4.0 6	-2.0 6	-3.0 6	-3.0 6	-2.0	1.0	1.0	2.0	4.0	3.0	2.0	1.0	2.0	1.0	2.0	2.0	2.0	2.0	-1.0	3.0	24	4.0
22	3.0	2.0	2.0	5.0	8.0	8.0	7.0	7.0	4.0	7.0	8.0	4.0	6.0	4.0	3.0	2.0	-1.0	-3.0	-1.0	1.0	-1.0	1.0	4.0	2.0	24	8.0
23	2.0	5.0	5.0	7.0	5.0	4.0	7.0	8.0	7.0	6.0	8.0	10.0	11.0	14.0	19.0	16.0 6	17.0 6	16.0 6	17.0 6	17.0	13.0	13.0	20.0	9.0	24	20.0
24	9.0	4.0	-1.0	7.0	7.0	1.0	-2.0	-1.0	7.0	6.0	2.0	2.0	3.0	3.0	5.0	6.0	5.0	3.0	2.0	.0	-1.0	1.0	-1.0	1.0	24	9.0
25	4.0	5.0	2.0	-1.0	1.0	3.0	.0	1.0	4.0	4.0	3.0	3.0	3.0	2.0	4.0	5.0	4.0	4.0	5.0	5.0	7.0	7.0	8.0	6.0	24	8.0
26	5.0	9.0	8.0	7.0	6.0	4.0	5.0	4.0	5.0	3.0	6.0	4.0	5.0	3.0	1.0	7.0	5.0	2.0	.0	1.0	3.0	5.0	7.0	9.0	24	9.0
27	7.0	5.0	2.0	3.0	6.0	12.0	10.0	6.0	6.0	6.0	2.0	AX	BA	2.0	3.0	3.0	3.0	.0	2.0	3.0	5.0	8.0	6.0	6.0	22	12.0
28	4.0	2.0	9.0	6.0	3.0	6.0	6.0	3.0	2.0	5.0	5.0	3.0	6.0	7.0	5.0	4.0	18.0 6	35.0 6	19.0 6	22.0	30.0	8.0	10.0	10.0	24	35.0
29	6.0	5.0	5.0	5.0	6.0	4.0	9.0	6.0	6.0	5.0	4.0	4.0	5.0	6.0	5.0	8.0 6	5.0 6	6.0 6	6.0 6	8.0	8.0	9.0	12.0	8.0	24	12.0
30	9.0	9.0	4.0	4.0	5.0	2.0	2.0	3.0	6.0	6.0	6.0	4.0	2.0	1.0	2.0	.0	2.0	2.0	.0	.0	.0	-2.0	-1.0	2.0	24	9.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	29	28	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	10.7	10.9	11.5	12.6	11.4	12.0	12.4	10.2	17.2	13.1	14.1	10.5	14.3	14.0	19.0	16.0	18.0	35.0	19.0	22.0	30.0	14.3	20.0	11.0		
AVG:	4.92	4.56	4.02	4.45	4.83	4.39	4.61	5.23	6.29	6.05	6.14	5.04	5.82	5.42	4.90	5.14	6.54	5.93	5.25	5.90	6.28	5.62	5.55	5.23		

MONTHLY OBSERVATIONS: 716 MONTHLY MEAN: 5.34 MONTHLY MAX: 35.0

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

(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 2017

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	1.0	.0	3.0	3.0	2.0	2.0	3.0	5.0	5.0	3.0	1.0	4.0	5.0	1.0	1.0 6	3.0 6	4.0	2.0	3.0	2.0	.0	.0	2.0	24	5.0
2	2.0	3.0	3.0	3.0	2.0	-1.0	-2.0	2.0	5.0	5.0	5.0	7.0	6.0	5.0	5.0	7.0 6	5.0 6	4.0 6	5.0 6	4.0	4.0	5.0	6.0	6.0	24	7.0
3	4.0	4.0	2.0	3.0	6.0	5.0	1.0	9.0	6.0	8.0	7.0	7.0	7.0	4.0 6	5.0 6	6.0 6	4.0	5.0	8.0	6.0	3.0	6.0	7.0	5.0	24	9.0
4	7.0	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	1	7.0
5	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	-2.0	-4.0	-3.0 6	1.0 6	2.0 6	1.0 6	.0	4.0	-1.0	-1.0	2.0	11	4.0
6	.0	2.0	3.0	4.0	3.0	5.0	3.0	1.0	5.0	5.0	7.0	6.0	9.0	12.0	8.0	5.0 6	5.0 6	6.0 6	7.0	4.0	4.0	4.0	.0	1.0	24	12.0
7	5.0	4.0	4.0	2.0	4.0	4.0	2.0	4.0	4.0	4.0	6.0	8.0	AX	BA	-2.0	2.0	4.0 6	4.0 6	4.0	4.0	3.0	4.0	5.0	4.0	22	8.0
8	10.0	6.0	6.0	8.0	8.0	5.0	3.0	5.0	7.0	6.0	6.0	5.0	5.0	5.0	3.0	1.0 6	-1.0 6	5.0 6	6.0	5.0	4.0	3.0	5.0	4.0	24	10.0
9	2.0	1.0	1.0	.0	4.0	4.0	2.0	5.0	6.0	5.0	14.0	8.0	6.0	3.0	8.0	7.0	7.0	8.0	6.0	3.0	6.0	5.0	7.0	9.0	24	14.0
10	8.0	7.0	8.0	4.0	1.0	3.0	4.0	2.0	2.0	5.0	9.0	9.0	8.0	7.0	6.0	6.0	8.0 6	11.0	8.0	4.0	11.0	7.0	3.0	2.0	24	11.0
11	3.0	2.0	1.0	4.0	4.0	.0	1.0	3.0	7.0	5.0	6.0	6.0	6.0	5.0	5.0	6.0	6.0 6	7.0 6	7.0	4.0	7.0	6.0	4.0	5.0	24	7.0
12	6.0	5.0	4.0	7.0	6.0	3.0	4.0	9.0	8.0	5.0	6.0	10.0	8.0	5.0	9.0 6	7.0 6	4.0 6	6.0	4.0	7.0	6.0	6.0	5.0	8.0	24	10.0
13	8.0	6.0	5.0	6.0	5.0	2.0	2.0	5.0	7.0	6.0	5.0	4.0	6.0	6.0	5.0	6.0 6	4.0 6	9.0 6	6.0 6	10.0	6.0	5.0	8.0	6.0	24	10.0
14	3.0	5.0	4.0	6.0	3.0	5.0	5.0	4.0	3.0	4.0	8.0	7.0	6.0	7.0	8.0	6.0 6	4.0	8.0	5.0 6	5.0 6	6.0	6.0	5.0	9.0	24	9.0
15	11.0	7.0	6.0	5.0	8.0	8.0	6.0	5.0	6.0	10.0	10.0	8.0	7.0	2.0	.0	5.0	5.0	4.0	6.0	10.0	5.0	-1.0	.0	3.0	24	11.0
16	6.0	5.0	.0	.0	.0	1.0	2.0	2.0	3.0	6.0	5.0	6.0	5.0	5.0	5.0	3.0	6.0	7.0	4.0	2.0	1.0	.0	.0	.0	24	7.0
17	.0	.0	-2.0	-1.0	.0	2.0	4.0	5.0	3.0	.0	4.0	3.0	.0	.0	3.0	3.0	4.0	3.0	2.0	2.0	AJ	6.0	3.0	.0	23	6.0
18	.0	1.0	3.0	2.0	3.0	2.0	3.0	4.0	2.0	3.0	6.0	6.0	4.0	7.0	5.0	5.0	6.0	6.0	5.0	1.0	.0	2.0	1.0	-1.0	24	7.0
19	4.0	4.0	2.0	2.0	9.0	6.0	3.0	4.0	7.0	7.0	4.0	2.0	AX	BA	4.0	5.0 6	8.0 6	9.0 6	6.0 6	7.0	8.0	9.0	8.0	14.0	22	14.0
20	9.0	5.0	5.0	7.0	7.0	6.0	6.0	8.0	8.0	7.0	13.0	9.0	9.0	7.0	11.0 6	9.0 6	6.0 6	7.0 6	10.0	16.0	9.0	8.0	7.0	6.0	24	16.0
21	6.0	5.0	6.0	8.0	10.0	10.0	7.0	11.0	10.0	11.0	18.0	12.0	16.0	8.0 6	11.0 6	12.0 6	14.0 6	12.0 6	11.0 6	10.0	16.0	11.0	9.0	8.0	24	18.0
22	7.0	8.0	6.0	12.0	9.0	10.0	8.0	8.0	12.0	14.0	9.0	15.0	10.0	16.0 6	6.0	7.0 6	10.0 6	8.0 6	10.0 6	11.0	12.0	11.0	10.0	11.0	24	16.0
23	12.0	10.0	11.0	13.0	10.0	10.0	14.0	14.0	16.0	10.0	13.0	15.0	15.0	11.0 6	16.0 6	11.0	8.0	4.0	6.0	4.0	.0	-1.0	1.0	5.0	24	16.0
24	6.0	4.0	4.0	3.0	-1.0	-2.0	3.0	4.0	5.0	2.0	3.0	3.0	2.0	5.0	4.0	3.0	1.0 6	9.0	6.0	6.0	9.0	10.0	7.0	10.0	24	10.0
25	10.0	6.0	8.0	5.0	3.0	3.0	2.0	3.0	3.0	8.0	17.0	13.0	15.0	15.0	9.0	8.0	13.0 6	9.0	12.0	11.0	9.0	11.0	13.0	15.0	24	17.0
26	11.0	10.0	14.0	9.0	8.0	10.0	8.0	7.0	5.0	4.0	5.0	7.0	7.0	10.0	8.0	9.0	9.0	10.0	13.0	11.0	12.0	9.0	9.0	10.0	24	14.0
27	8.0	12.0	8.0	8.0	6.0	6.0	6.0	6.0	7.0	4.0	2.0	3.0	5.0	5.0	4.0	8.0	9.0	8.0	4.0	6.0	8.0	8.0	8.0	10.0	24	12.0
28	9.0	12.0	11.0	8.0	7.0	6.0	9.0	10.0	7.0	14.0	14.0	13.0	11.0	11.0	7.0	10.0	14.0	17.0	17.0	8.0	6.0	4.0	4.0	6.0	24	17.0
29	8.0	10.0	8.0	7.0	14.0	12.0	12.0	11.0	7.0	4.0	5.0	4.0	7.0	5.0	2.0	1.0	1.0	2.0	4.0	7.0	6.0	6.0	4.0	5.0	24	14.0
30	3.0	5.0	4.0	1.0	2.0	3.0	2.0	1.0	1.0	2.0	2.0	2.0	1.0	.0	1.0	2.0	1.0	1.0	1.0	3.0	1.0	.0	3.0	2.0	24	5.0
31	7.0	5.0	2.0	3.0	5.0	5.0	6.0	6.0	8.0	8.0	8.0	6.0	9.0	3.0	-2.0	2.0	5.0	3.0	4.0	6.0	8.0	8.0	6.0	6.0	24	9.0
NO.:	30	29	29	29	29	29	29	29	29	29	29	29	27	28	30	30	30	30	30	30	29	30	30	30		
MAX:	12.0	12.0	14.0	13.0	14.0	12.0	14.0	14.0	16.0	14.0	18.0	15.0	16.0	16.0	16.0	12.0	14.0	17.0	17.0	16.0	16.0	11.0	13.0	15.0		
AVG:	5.83	5.34	4.72	4.90	5.14	4.66	4.41	5.55	6.03	6.10	7.59	7.07	7.19	6.14	5.03	5.33	5.80	6.60	6.33	6.00	6.07	5.23	4.90	5.77		

MONTHLY OBSERVATIONS: 703 MONTHLY MEAN: 5.73 MONTHLY 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.

(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: AUGUST 2017

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

DAY	HOUR 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	8.0	7.0	4.0	4.0	6.0	5.0	4.0	6.0	5.0	4.0	7.0	AZ	BA	14.0	AJ	12.0 6	9.0 6	9.0 6	6.0	8.0	11.0	11.0	16.0	10.0	21	16.0
2	9.0	7.0	5.0	4.0	6.0	7.0	9.0	6.0	9.0	8.0	11.0	7.0	5.0	8.0	7.0	AJ	9.0	22.0	16.0	17.0	8.0	6.0	12.0	10.0	23	22.0
3	9.0	11.0	11.0	10.0	9.0	9.0	12.0	8.0	8.0	10.0	9.0	11.0	8.0	10.0 6	8.0 6	11.0	6.0	10.0	10.0	9.0	6.0	6.0	5.0	5.0	24	12.0
4	12.0	13.0	9.0	12.0	7.0	6.0	4.0	2.0	3.0	7.0	6.0	5.0	6.0	10.0	7.0	4.0	2.0	4.0	1.0	-4.0	1.0	1.0	-1.0	2.0	24	13.0
5	AJ	-1.0	-1.0	-2.0	1.0	.0	-1.0	3.0	8.0	7.0	10.0	8.0	4.0	3.0 6	6.0	7.0	10.0	7.0 6	6.0	9.0	6.0	7.0	14.0	11.0	23	14.0
6	6.0	4.0	6.0	6.0	6.0	5.0	4.0	5.0	8.0	6.0	4.0	1.0	3.0	10.0	10.0	6.0 6	5.0 6	10.0 6	9.0 6	6.0	8.0	11.0	8.0	9.0	24	11.0
7	8.0	7.0	7.0	7.0	6.0	3.0	2.0	3.0	4.0	4.0	5.0	14.0	12.0	11.0	8.0	7.0	8.0	6.0	11.0	8.0	6.0	3.0	1.0	5.0	24	14.0
8	4.0	.0	4.0	5.0	5.0	5.0	7.0	5.0	5.0	6.0	4.0	2.0	1.0	-2.0	-2.0	4.0	3.0	3.0	3.0	1.0	2.0	2.0	-2.0	2.0	24	7.0
9	4.0	3.0	2.0	4.0	4.0	4.0	5.0	5.0	1.0	3.0	4.0	1.0	3.0	4.0	6.0	6.0	4.0	3.0	6.0	7.0	7.0	9.0	8.0	6.0	24	9.0
10	4.0	6.0	6.0	6.0	8.0	6.0	6.0	3.0	5.0	10.0	9.0	5.0	7.0	6.0	7.0	7.0	7.0	5.0	4.0	3.0	5.0	5.0	5.0	4.0	24	10.0
11	5.0	6.0	4.0	4.0	4.0	3.0	.0	-2.0	-2.0	.0	1.0	.0	4.0	1.0	3.0	5.0	2.0	.0	.0	4.0	4.0	6.0	5.0	4.0	24	6.0
12	4.0	5.0	4.0	4.0	2.0	2.0	1.0	-1.0	2.0	4.0	5.0	3.0	.0	1.0	3.0	4.0 6	3.0 6	3.0 6	4.0	2.0	3.0	4.0	6.0	6.0	24	6.0
13	5.0	6.0	5.0	5.0	4.0	2.0	6.0	8.0	6.0	4.0	7.0	4.0	2.0	2.0	2.0	1.0 6	3.0	5.0	3.0	.0	2.0	5.0	7.0	9.0	24	9.0
14	11.0	13.0	10.0	15.0	7.0	5.0	11.0	15.0	11.0	13.0	9.0	8.0	8.0	6.0	6.0	7.0 6	6.0 6	7.0 6	7.0 6	8.0	8.0	8.0	9.0	6.0	24	15.0
15	6.0	2.0	-2.0	7.0	5.0	3.0	2.0	.0	-1.0	.0	1.0	AX	BA	5.0	3.0	6.0	8.0 6	6.0 6	7.0	8.0	6.0	7.0	5.0	1.0	22	8.0
16	1.0	4.0	4.0	3.0	5.0	3.0	2.0	2.0	4.0	5.0	8.0	5.0	2.0	3.0 6	1.0 6	4.0	6.0 6	5.0 6	4.0	6.0	9.0	5.0	1.0	3.0	24	9.0
17	7.0	7.0	5.0	6.0	9.0	10.0	8.0	5.0	4.0	7.0	8.0	11.0	9.0	7.0 6	4.0 6	5.0	6.0	3.0	3.0	5.0	7.0	8.0	14.0	7.0	24	14.0
18	4.0	8.0	7.0	5.0	5.0	6.0	4.0	8.0	8.0	6.0	5.0	6.0	6.0	9.0 6	8.0 6	4.0 6	4.0 6	9.0 6	7.0 6	5.0	7.0	5.0	8.0	10.0	24	10.0
19	7.0	3.0	5.0	4.0	5.0	5.0	5.0	5.0	4.0	6.0	4.0	3.0	5.0	4.0 6	7.0	5.0 6	3.0 6	3.0 6	9.0 6	5.0	5.0	8.0	7.0	6.0	24	9.0
20	6.0	4.0	3.0	4.0	7.0	9.0	8.0	6.0	6.0	8.0	5.0	7.0	10.0	9.0	6.0 6	5.0 6	5.0 6	6.0 6	7.0 6	13.0	13.0	14.0	10.0	11.0	24	14.0
21	8.0	9.0	9.0	8.0	7.0	11.0	8.0	6.0	7.0	10.0	13.0	11.0	9.0	7.0 6	9.0	9.0	11.0 6	11.0 6	12.0 6	8.0	7.0	6.0	5.0	5.0	24	13.0
22	4.0	8.0	8.0	4.0	3.0	5.0	3.0	2.0	8.0	7.0	6.0	4.0	7.0	8.0	7.0 6	6.0 6	24.0	10.0	17.0	6.0	6.0	18.0	21.0	13.0	24	24.0
23	18.0	9.0	7.0	5.0	6.0	6.0	6.0	6.0	8.0	8.0	11.0	10.0	9.0	10.0 6	11.0 6	8.0	11.0	9.0	10.0	9.0	10.0	9.0	14.0	10.0	24	18.0
24	10.0	6.0	5.0	6.0	11.0	8.0	5.0	6.0	4.0	4.0	5.0	4.0	7.0	14.0	9.0	5.0	6.0	8.0	9.0	9.0	8.0	7.0	7.0	15.0	24	15.0
25	10.0	10.0	10.0	10.0	10.0	11.0	10.0	10.0	9.0	12.0	12.0	10.0	10.0	12.0	7.0	6.0	8.0	6.0	6.0	9.0	8.0	7.0	9.0	9.0	24	12.0
26	9.0	7.0	8.0	6.0	6.0	9.0	10.0	7.0	7.0	8.0	8.0	6.0	9.0	9.0	6.0	6.0	9.0	7.0	5.0	4.0	7.0	7.0	9.0	8.0	24	10.0
27	4.0	2.0	5.0	6.0	5.0	9.0	11.0	6.0	6.0	6.0	5.0	4.0	2.0	2.0	5.0	4.0	8.0	9.0	5.0	7.0	8.0	7.0	5.0	4.0	24	11.0
28	7.0	11.0	7.0	4.0	8.0	6.0	6.0	4.0	4.0	5.0	3.0	6.0	4.0	4.0	7.0	8.0	6.0	5.0	4.0	6.0	6.0	6.0	16.0	-1.0	24	16.0
29	-3.0	.0	-1.0	-5.0	-4.0	-1.0	.0	-2.0	-2.0	-1.0	-1.0	-3.0	-1.0	AX	BA	1.0	2.0	2.0	3.0	4.0	2.0	1.0	-1.0	1.0	22	4.0
30	1.0	-1.0 6	2.0	2.0 6	3.0	5.0	8.0	20.0	2.0	1.0	.0	3.0	3.0	3.0	3.0	.0	1.0	5.0	3.0	.0	.0	3.0	4.0	3.0	24	20.0
31	5.0	4.0	3.0	4.0	3.0	5.0	6.0	4.0	2.0	4.0	3.0	5.0	4.0	3.0	2.0	5.0	8.0	6.0	6.0	4.0	4.0	3.0	3.0	2.0	24	8.0
NO.:	30	31	31	31	31	31	31	31	31	31	31	29	29	30	29	30	31	31	31	31	31	31	31	31		
MAX:	18.0	13.0	11.0	15.0	11.0	11.0	12.0	20.0	11.0	13.0	13.0	14.0	12.0	14.0	11.0	12.0	24.0	22.0	17.0	17.0	13.0	18.0	21.0	15.0		
AVG:	6.43	5.81	5.19	5.26	5.45	5.55	5.55	5.19	4.94	5.87	6.03	5.55	5.45	6.43	5.72	5.60	6.55	6.58	6.55	6.00	6.13	6.61	7.42	6.32		

MONTHLY OBSERVATIONS: 735 MONTHLY MEAN: 5.93 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.

(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: SEPTEMBER 2017

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

DAY	HOUR 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	.0	.0	1.0	2.0	.0	.0	2.0	1.0	2.0	4.0	3.0	7.0	7.0	6.0	6.0	4.0	-1.0	-1.0	.0	-1.0	-1.0	.0	.0	24	7.0
2	-1.0	2.0	4.0	2.0	-2.0	.0	1.0	1.0	1.0	.0	.0	2.0	7.0	6.0	4.0	1.0	4.0	3.0	2.0	1.0	2.0	5.0	4.0	5.0	24	7.0
3	6.0	5.0	7.0	5.0	1.0	7.0	5.0	2.0	1.0	3.0	2.0	1.0	-1.0	-1.0	.0	.0	.0	1.0	2.0	3.0	2.0	8.0	7.0	6.0	24	8.0
4	11.0	6.0	2.0	4.0	4.0	8.0	8.0	9.0	8.0	6.0	3.0	2.0	6.0	9.0	8.0	5.0	4.0	3.0	4.0	9.0	9.0	9.0	13.0	9.0	24	13.0
5	7.0	10.0	9.0	8.0	7.0	8.0	8.0	12.0	12.0	14.0	10.0	8.0	AX	BA	11.0	8.0	9.0	12.0	8.0	10.0	10.0	9.0	14.0	12.0	22	14.0
6	7.0	7.0	5.0	11.0	7.0	6.0	6.0	8.0	9.0	6.0	7.0	6.0	4.0	6.0	4.0	.0	.0	.0	3.0	4.0	.0	3.0	1.0	1.0	24	11.0
7	4.0	2.0	2.0	2.0	2.0	4.0	2.0	2.0	4.0	4.0	3.0	2.0	5.0	4.0	1.0	.0	3.0	3.0	3.0	2.0	2.0	6.0	5.0	4.0	24	6.0
8	5.0	4.0	3.0	4.0	5.0	6.0	8.0	6.0	3.0	3.0	2.0	2.0	4.0	3.0	2.0	.0	1.0	1.0	.0	3.0	7.0	7.0	4.0	3.0	24	8.0
9	3.0	4.0	3.0	4.0	4.0	5.0	6.0	4.0	2.0	4.0	3.0	2.0	6.0	4.0	5.0	5.0	2.0	3.0	4.0	4.0	6.0	4.0	4.0	6.0	24	6.0
10	4.0	6.0	7.0	6.0	6.0	6.0	6.0	5.0	5.0	4.0	5.0	3.0	1.0	1.0	2.0 6	.0 6	-3.0 6	-1.0 6	3.0 6	3.0	5.0	5.0	2.0	1.0	24	7.0
11	1.0	3.0	5.0	4.0	3.0	4.0	4.0	1.0	.0	1.0	2.0	3.0	6.0	3.0	.0	2.0	2.0	AV	AV	-4.4 6	-.2 6	.7 6	1.6	4.8	22	6.0
12	3.6 6	1.9	1.9 6	.4	-.2 6	-1.4 6	-.4	1.9	.4	-1.9	-2.2	-.4	-1.4	1.1	1.9	3.4	2.9	2.4	1.4	2.9	3.1	4.9	4.3	5.6	24	5.6
13	4.1	.9	.0	2.9	5.8	5.6	5.4	2.9	8.0	10.2	5.6	4.1	4.3	6.3	6.1	5.3	3.4	1.6	2.9	4.1	5.6	4.9	7.8	7.8	24	10.2
14	6.3	4.4	3.1	5.4	5.1	6.3	4.8	5.3	9.2	8.5	11.0	9.7	9.5	9.5	7.5	9.7	11.7	9.3	7.3	13.4	9.2	7.8	10.7	13.4	24	13.4
15	10.0	10.0	14.5	14.3	11.9	11.7	11.0	14.6	13.6	14.1	10.9	7.7	9.5	8.5	5.3	2.1	.2	1.1	6.1	2.6	.0	7.8	6.6	6.3	24	14.6
16	4.1	2.4	.4	3.1	7.5	5.6	4.1	6.3	6.1	7.3	7.0	6.8	6.5	5.6	3.1	1.4	2.4	.9	.7	3.4	2.9	.7	.7	3.9	24	7.5
17	10.9	7.0	6.0	6.0	4.6	1.9	2.6	5.6	7.7	8.8	8.5	6.1	1.9	2.8	5.6	3.4	6.8	5.1	2.1	4.8	8.2	8.2	5.3	6.0	24	10.9
18	5.6	3.4	3.4	5.1	5.3	5.6	8.5	5.8	7.8	7.0	5.0	8.0	6.0	7.0	6.0	4.0	1.0	7.0	7.0	4.0	8.0	6.0	6.0	9.0	24	9.0
19	7.0	6.0	7.0	8.0	6.0	6.0	5.0	6.0	6.0	7.0	6.0	AX	BA	2.0	2.0	5.0	6.0	3.0	5.0	6.0	8.0	4.0	4.0	6.0	22	8.0
20	6.0	6.0	5.0	6.0	6.0	6.0	10.0	11.0	10.0	19.0	23.0	9.0	8.0	9.0	8.0	11.0	7.0	12.0	12.0	8.0	6.0	8.0	9.0	9.0	24	23.0
21	12.0	11.0	13.0	10.0	15.0	11.0	10.0	8.0	11.0	10.0	9.0	7.0	6.0	7.0	6.0	5.0	5.0	4.0	6.0	6.0	8.0	10.0	7.0	4.0	24	15.0
22	9.0	7.0	6.0	11.0	7.0	6.0	10.0	7.0	6.0	8.0	12.0	6.0	7.0	9.0	9.0	13.0	7.0	6.0	4.0	8.0	7.0	7.0	7.0	11.0	24	13.0
23	12.0	11.0	9.0	8.0	5.0	6.0	7.0	8.0	10.0	16.0	14.0	8.0	5.0	4.0	6.0	4.0	4.0	3.0	1.0	4.0	8.0	6.0	8.0	12.0	24	16.0
24	10.0	6.0	14.0	9.0	7.0	13.0	11.0	11.0	10.0	10.0	7.0	6.0	6.0	3.0	.0	-2.0	5.0	5.0	3.0	5.0	5.0	6.0	5.0	3.0	24	14.0
25	3.0	3.0	3.0	6.0	6.0	3.0	3.0	5.0	7.0	11.0	8.0	9.0	14.0	44.0 V	15.0	5.0	6.0	4.0	2.0	2.0	5.0	5.0	9.0	9.0	24	44.0
26	19.0	8.0	5.0	3.0	1.0	1.0	3.0	1.0	1.0	4.0	4.0	3.0	5.0	6.0	5.0	2.0	4.0	6.0	3.0	2.0	6.0	5.0	2.0	4.0	24	19.0
27	4.0	2.0	1.0	5.0	4.0	5.0	5.0	6.0	9.0	7.0	5.0	4.0	3.0	.0	2.0	6.0	6.0	9.0	7.0	5.0	9.0	9.0	7.0	6.0	24	9.0
28	7.0	11.0	13.0	8.0	6.0	12.0	10.0	10.0	7.0	16.0	8.0	9.0	9.0	6.0	7.0	6.0	6.0	6.0	8.0	13.0	13.0	10.0	11.0	8.0	24	16.0
29	8.0	5.0	9.0	5.0	3.0	4.0	6.0	4.0	4.0	6.0	5.0	3.0	5.0	4.0	4.0	6.0	5.0	5.0	6.0	5.0	5.0	6.0	5.0	7.0	24	9.0
30	5.0	7.0	8.0	6.0	7.0	9.0	11.0	9.0	7.0	7.0	6.0	4.0	2.0	3.0	4.0	3.0	4.0	3.0	-2.0	-1.0	4.0	7.0	5.0	1.0	24	11.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	29	28	29	30	30	30	29	29	30	30	30	30	30		
MAX:	19.0	11.0	14.5	14.3	15.0	13.0	11.0	14.6	13.6	19.0	23.0	9.7	14.0	44.0	15.0	13.0	11.7	12.0	12.0	13.4	13.0	10.0	14.0	13.4		
AVG:	6.45	5.40	5.64	5.77	5.07	5.71	6.03	6.01	6.23	7.40	6.46	4.97	5.40	6.20	4.88	4.01	3.98	4.05	3.81	4.43	5.43	5.97	5.87	6.13		

MONTHLY OBSERVATIONS: 714 MONTHLY MEAN: 5.47 MONTHLY MAX: 44.0

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

(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: OCTOBER 2017

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

DAY	HOUR 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	4.0	6.0	4.0	3.0	4.0	3.0	6.0	6.0	3.0	1.0	4.0	3.0	2.0	4.0	2.0	.0	-2.0	3.0	5.0	6.0	4.0	1.0	2.0	24	6.0
2	3.0	9.0	6.0	10.0	5.0	4.0	4.0	4.0	3.0	5.0	3.0	.0	1.0	2.0	5.0	5.0	2.0	1.0	4.0	6.0	6.0	6.0	7.0	5.0	24	10.0
3	6.0	5.0	8.0	4.0	4.0	7.0	8.0	6.0	6.0	4.0	1.0	AX	BA	2.0	1.0	-1.0	.0	1.0	3.0	4.0	3.0	3.0	3.0	4.0	22	8.0
4	3.0	5.0	5.0	5.0	5.0	6.0	5.0	7.0	5.0	2.0	4.0	3.0	4.0	3.0	4.0	3.0	2.0	1.0	4.0	5.0	7.0	6.0	5.0	4.0	24	7.0
5	2.0	2.0	3.0	3.0	3.0	5.0	5.0	8.0	5.0	7.0	6.0	2.0	.0	3.0	3.0	2.0	1.0	3.0	3.0	6.0	5.0	4.0	4.0	2.0	24	8.0
6	2.0	3.0	4.0	6.0	4.0	1.0	2.0	3.0	2.0	2.0	3.0	5.0	3.0	1.0	.0	3.0	3.0	1.0	1.0	5.0	4.0	2.0	5.0	4.0	24	6.0
7	3.0	4.0	3.0	1.0	.0	1.0	3.0	2.0	.0	5.0	2.0	-1.0	3.0	3.0	1.0	1.0	2.0	.0	-3.0	-2.0	1.0	1.0	1.0	3.0	24	5.0
8	1.0	-1.0	.0	-1.0	-2.0	-3.0	-4.0	-1.0	3.0	3.0	4.0	8.0	6.0	6.0	7.0	5.0	2.0	3.0	2.0	-1.0	-1.0	2.0	3.0	3.0	24	8.0
9	5.0	3.0	-4.0	-5.0	-1.0	2.0	3.0	4.0	1.0	.0	1.0	3.0	6.0	4.0	5.0	4.0	4.0	5.0	4.0	5.0	5.0	3.0	2.0	7.0	24	7.0
10	5.0	6.0	6.0	7.0	7.0	6.0	8.0	9.0	8.0	10.0	5.0	1.0	10.0	7.0	3.0	6.0	6.0	6.0	6.0	7.0	8.0	6.0	3.0	1.0	24	10.0
11	2.0	4.0	8.0	6.0	4.0	4.0	7.0	5.0	3.0	4.0	7.0	6.0	BA	BA	6.0	6.0	8.0	5.0	6.0	8.0	9.0	8.0	6.0	9.0	22	9.0
12	7.0	5.0	3.0	4.0	6.0	6.0	8.0	5.0	6.0	7.0	14.0	16.0	13.0	11.0	12.0	15.0	13.0	12.0	14.0	7.0	4.0	4.0	1.0	.0	24	16.0
13	.0	-1.0	-4.0	-4.0	-2.0	.0	.0	-1.0	-3.0	-1.0	.0	-1.0	2.0	2.0	2.0	6.0	7.0	6.0	3.0	2.0	9.0	8.0	8.0	7.0	24	9.0
14	8.0	7.0	8.0	11.0	6.0	12.0	8.0	6.0	4.0	5.0	6.0	5.0	7.0	7.0	8.0	7.0	5.0	6.0	6.0	5.0	10.0	9.0	8.0	5.0	24	12.0
15	6.0	7.0	8.0	4.0	1.0	5.0	8.0	7.0	4.0	4.0	6.0	7.0	9.0	6.0	6.0	9.0	8.0	6.0	3.0	7.0	6.0	5.0	5.0	10.0	24	10.0
16	9.0	6.0	3.0	4.0	6.0	6.0	4.0	6.0	7.0	5.0	1.0	2.0	3.0	4.0	2.0	1.0	4.0	7.0	6.0	6.0	7.0	6.0	5.0	4.0	24	9.0
17	3.0	2.0	2.0	3.0	4.0	4.0	4.0	2.0	3.0	2.0	1.0	1.0	.0	-1.0	1.0	AX	BA	2.0	5.0	5.0	3.0	2.0	4.0	5.0	22	5.0
18	4.0	3.0	1.0	8.0	7.0	6.0	7.0	9.0	6.0	4.0	4.0	5.0	4.0	2.0	2.0	1.0	2.0	4.0	5.0	4.0	4.0	5.0	3.0	1.0	24	9.0
19	4.0	4.0	7.0	6.0	4.0	7.0	7.0	6.0	8.0	6.0	6.0	4.0	3.0	3.0	3.0	2.0	3.0	4.0	3.0	3.0	3.0	3.0	5.0	8.0	24	8.0
20	11.0	17.0	6.0	8.0	27.0	27.0	29.0	16.0	16.0	13.0	9.0	9.0	5.0	3.0	2.0	2.0	6.0	5.0	7.0	7.0	6.0	15.0	11.0	9.0	24	29.0
21	8.0	9.0	6.0	7.0	8.0	7.0	10.0	9.0	6.0	7.0	8.0	6.0	6.0	7.0	7.0	7.0	6.0	9.0	7.0	6.0	10.0	9.0	7.0	10.0	24	10.0
22	9.0	8.0	6.0	7.0	7.0	4.0	8.0	11.0	14.0	8.0	6.0	9.0	7.0	3.0	1.0	2.0	2.0	3.0	2.0	2.0	5.0	3.0	6.0	6.0	24	14.0
23	6.0	5.0	1.0	3.0	3.0	3.0	5.0	2.0	3.0	1.0	.0	.0	-2.0	1.0	1.0	.0	1.0	-2.0	-3.0	-2.0	.0	2.0	2.0	2.0	24	6.0
24	-3.0	-4.0	6.0	3.0	2.0	1.0	.0	1.0	.0	5.0	7.0	9.0	6.0	1.0	3.0	3.0	.0	6.0	6.0	4.0	4.0	6.0	7.0	4.0	24	9.0
25	1.0	3.0	6.0	7.0	8.0	5.0	6.0	6.0	2.0	7.0	7.0	6.0	4.0	2.0	1.0	3.0	7.0	4.0	1.0	5.0	5.0	6.0	5.0	4.0	24	8.0
26	6.0	6.0	6.0	6.0	3.0	6.0	9.0	6.0	4.0	3.0	2.0	1.0	1.0	-2.0	.0	2.0	2.0	6.0	5.0	6.0	5.0	5.0	8.0	6.0	24	9.0
27	6.0	6.0	5.0	6.0	7.0	8.0	6.0	3.0	10.0	7.0	9.0	7.0	7.0	7.0	5.0	5.0	6.0	7.0	7.0	9.0	16.0	18.0	11.0	9.0	24	18.0
28	6.0	5.0	8.0	8.0	12.0	8.0	9.0	9.0	8.0	5.0	3.0	1.0	-2.0	-1.0	-1.0	.0	1.0	2.0	3.0	4.0	6.0	5.0	4.0	1.0	24	12.0
29	.0	3.0	6.0	5.0	1.0	-1.0	1.0	3.0	6.0	8.0	5.0	5.0	6.0	5.0	2.0	-1.0	-2.0	1.0	2.0	3.0	3.0	1.0	7.0	5.0	24	8.0
30	2.0	5.0	4.0	3.0	5.0	3.0	6.0	5.0	5.0	4.0	4.0	2.0	2.0	4.0	4.0	4.0	6.0	5.0	4.0	2.0	5.0	5.0	5.0	7.0	24	7.0
31	7.0	4.0	2.0	6.0	7.0	7.0	5.0	5.0	4.0	AX	AX	BA	BA	5.0	2.0	1.0	.0	2.0	6.0	6.0	9.0	7.0	7.0	6.0	20	9.0
NO.:	31	31	31	31	31	31	31	31	31	30	30	29	28	30	31	30	30	31	31	31	31	31	31	31		
MAX:	11.0	17.0	8.0	11.0	27.0	27.0	29.0	16.0	16.0	13.0	14.0	16.0	13.0	11.0	12.0	15.0	13.0	12.0	14.0	9.0	16.0	18.0	11.0	10.0		
AVG:	4.32	4.65	4.35	4.68	4.97	5.19	5.94	5.45	5.00	4.83	4.50	4.31	4.18	3.40	3.29	3.50	3.57	3.84	4.03	4.48	5.58	5.45	5.13	4.94		

MONTHLY OBSERVATIONS: 734 MONTHLY MEAN: 4.57 MONTHLY MAX: 29.0

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: 37-123-0001 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: NOVEMBER 2017

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

DAY	HOUR 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	8.0	10.0	9.0	11.0	10.0	10.0	11.0	10.0	13.0	10.0	10.0	7.0	8.0	10.0	8.0	8.0	6.0	7.0	8.0	5.0	6.0	5.0	6.0	4.0	24	13.0
2	4.0	8.0	6.0	5.0	5.0	5.0	7.0	5.0	3.0	9.0	6.0	1.0	3.0	3.0	3.0	5.0	3.0	5.0	5.0	11.0	8.0	12.0	6.0	5.0	24	12.0
3	10.0	10.0	9.0	9.0	11.0	11.0	16.0	15.0	10.0	7.0	7.0	10.0	13.0	11.0	9.0	8.0	9.0	12.0	17.0	11.0	8.0	12.0	13.0	12.0	24	17.0
4	8.0	9.0	12.0	14.0	14.0	14.0	10.0	11.0	12.0	9.0	10.0	9.0	14.0	10.0	7.0	9.0	13.0	7.0	13.0	16.0	8.0	7.0	9.0	8.0	24	16.0
5	12.0	10.0	10.0	9.0	8.0	10.0	6.0	3.0	6.0	4.0	5.0	4.0	3.0	3.0	8.0	6.0	4.0	2.0	6.0	6.0	6.0	9.0	8.0	4.0	24	12.0
6	9.0	10.0	9.0	7.0	8.0	9.0	6.0	5.0	4.0	3.0	3.0	3.0	2.0	3.0	5.0	10.0	8.0	6.0	9.0	11.0	8.0	7.0	11.0	7.0	24	11.0
7	11.0	12.0	13.0	10.0	9.0	9.0	15.0	7.0	8.0	13.0	13.0	14.0	16.0	10.0	14.0	12.0	17.0	21.0	14.0	20.0	31.0	13.0	10.0	7.0	24	31.0
8	5.0	5.0	4.0	4.0	3.0	2.0	9.0	5.0	.0	3.0	5.0	3.0	2.0	3.0	3.0	3.0	5.0	3.0	2.0	2.0	.0	.0	2.0	.0	24	9.0
9	-4.0	.0	.0	2.0	.0	-3.0	2.0	3.0	.0	-1.0	1.0	2.0	1.0	2.0	2.0	-2.0	-2.0	.0	-1.0	-1.0	1.0	2.0	.0	.0	24	3.0
10	1.0	2.0	2.0	1.0	4.0	3.0	2.0	5.0	4.0	1.0	3.0	5.0	3.0	4.0	5.0	7.0	8.0	7.0	6.0	6.0	10.0	9.0	6.0	12.0	24	12.0
11	8.0	10.0	6.0	4.0	6.0	7.0	4.0	5.0	5.0	5.0	3.0	3.0	3.0	2.0	1.0	3.0	10.0	9.0	6.0	5.0	5.0	7.0	7.0	5.0	24	10.0
12	9.0	9.0	12.0	8.0	14.0	16.0	9.0	9.0	13.0	11.0	11.0	6.0	3.0	2.0	6.0	6.0	10.0	8.0	11.0	13.0	12.0	8.0	14.0	11.0	24	16.0
13	13.0	14.0	9.0	11.0	8.0	7.0	6.0	4.0	4.0	6.0	9.0	8.0	7.0	5.0	5.0	4.0	4.0	6.0	7.0	5.0	7.0	7.0	4.0	5.0	24	14.0
14	6.0	11.0	11.0	9.0	9.0	9.0	10.0	10.0	10.0	8.0	12.0	11.0	AZ	BA	BA	11.0	8.0	9.0	12.0	9.0	13.0	10.0	8.0	8.0	21	13.0
15	7.0	16.0	6.0	7.0	7.0	8.0	6.0	11.0	9.0	11.0	8.0	10.0	9.0	7.0	7.0	7.0	7.0	9.0	8.0	6.0	9.0	10.0	7.0	7.0	24	16.0
16	11.0	9.0	14.0	13.0	14.0	12.0	9.0	16.0	18.0	23.0	15.0	12.0	8.0	9.0	6.0	15.0	7.0	5.0	5.0	7.0	10.0	11.0	9.0	11.0	24	23.0
17	11.0	9.0	6.0	6.0	7.0	7.0	7.0	7.0	6.0	5.0	6.0	4.0	.0	1.0	3.0	2.0	2.0	4.0	3.0	5.0	6.0	5.0	6.0	5.0	24	11.0
18	5.0	11.0	7.0	7.0	10.0	12.0	11.0	12.0	11.0	7.0	6.0	3.0	3.0	5.0	4.0	8.0	6.0	10.0	6.0	6.0	5.0	8.0	10.0	9.0	24	12.0
19	6.0	4.0	6.0	5.0	8.0	11.0	6.0	2.0	.0	.0	.0	-1.0	.0	2.0	1.0	-1.0	-2.0	2.0	3.0	7.0	16.0	8.0	9.0	6.0	24	16.0
20	3.0	4.0	4.0	4.0	4.0	5.0	11.0	7.0	10.0	7.0	6.0	5.0	4.0	1.0	.0	2.0	3.0	3.0	7.0	6.0	5.0	2.0	1.0	4.0	24	11.0
21	7.0	8.0	5.0	4.0	6.0	6.0	5.0	5.0	4.0	7.0	9.0	6.0	2.0	.0	4.0	3.0	1.0	5.0	4.0	6.0	6.0	7.0	7.0	7.0	24	9.0
22	5.0	9.0	7.0	8.0	8.0	5.0	8.0	7.0	10.0	11.0	9.0	7.0	8.0	5.0	4.0	3.0	8.0	6.0	2.0	6.0	5.0	4.0	4.0	4.0	24	11.0
23	5.0	6.0	10.0	12.0	8.0	8.0	6.0	5.0	9.0	6.0	7.0	7.0	7.0	5.0	4.0	2.0	3.0	5.0	6.0	9.0	7.0	6.0	10.0	6.0	24	12.0
24	6.0	5.0	8.0	8.0	10.0	9.0	16.0	15.0	12.0	11.0	10.0	7.0	9.0	6.0	2.0	2.0	6.0	8.0	6.0	12.0	8.0	7.0	11.0	8.0	24	16.0
25	10.0	9.0	14.0	12.0	11.0	7.0	8.0	9.0	10.0	11.0	9.0	8.0	7.0	6.0	7.0	7.0	8.0	8.0	9.0	13.0	11.0	10.0	12.0	12.0	24	14.0
26	19.0	16.0	18.0	12.0	13.0	12.0	12.0	10.0	9.0	6.0	4.0	1.0	.0	1.0	1.0	.0	-1.0	3.0	3.0	4.0	4.0	7.0	5.0	5.0	24	19.0
27	3.0	4.0	3.0	5.0	6.0	5.0	14.0	7.0	1.0	1.0	1.0	.0	1.0	.0	3.0	3.0	2.0	2.0	3.0	3.0	6.0	18.0	27.0	20.0	24	27.0
28	14.0	11.0	9.0	14.0	8.0	10.0	15.0	4.0	9.0	6.0	5.0	AX	BA	BA	4.0	2.0	3.0	5.0	5.0	8.0	9.0	12.0	15.0	11.0	21	15.0
29	20.0	16.0	22.0	15.0	14.0	14.0	21.0	16.0	20.0	18.0	12.0	10.0	7.0	6.0	5.0	6.0	6.0	7.0	6.0	12.0	11.0	10.0	7.0	8.0	24	22.0
30	8.0	7.0	7.0	13.0	10.0	9.0	7.0	8.0	9.0	11.0	14.0	9.0	7.0	6.0	10.0	10.0	8.0	10.0	10.0	11.0	13.0	10.0	11.0	13.0	24	14.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	29	28	28	29	30	30	30	30	30	30	30	30	30		
MAX:	20.0	16.0	22.0	15.0	14.0	16.0	21.0	16.0	20.0	23.0	15.0	14.0	16.0	11.0	14.0	15.0	17.0	21.0	17.0	20.0	31.0	18.0	27.0	20.0		
AVG:	8.00	8.80	8.60	8.30	8.43	8.30	9.17	7.93	7.97	7.63	7.30	6.00	5.36	4.57	4.86	5.37	5.67	6.47	6.70	8.00	8.47	8.10	8.50	7.47		

MONTHLY OBSERVATIONS: 714 MONTHLY MEAN: 7.35 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.

(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: DECEMBER 2017

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

DAY	HOUR 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	11.0	18.0	18.0	16.0	19.0	21.0	22.0	AV	18.0	14.0	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	10	22.0
2	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	
3	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	
4	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	7.0	5.0	5.0	8.0	7.0	6.0	7.0	8.0	8.0	10.0	8.0	11	10.0
5	11.0	8.0	8.0	12.0	10.0	6.0	9.0	7.0	8.0	11.0	9.0	5.0	8.0	7.0	10.0	8.0	5.0	6.0	8.0	9.0	6.0	9.0	9.0	17.0	24	17.0
6	12.0	5.0	2.0	5.0	7.0	7.0	5.0	4.0	2.0	1.0	1.0	-2.0	5.0	8.0	8.0	6.0	6.0	4.0	3.0	11.0	6.0	5.0	5.0	10.0	24	12.0
7	7.0	7.0	5.0	4.0	10.0	10.0	9.0	9.0	12.0	13.0	14.0	11.0	9.0	5.0	2.0	2.0	5.0	4.0	3.0	8.0	6.0	9.0	8.0	5.0	24	14.0
8	3.0	7.0	6.0	7.0	5.0	3.0	7.0	7.0	8.0	9.0	11.0	8.0	7.0	6.0	10.0	9.0	8.0	6.0	6.0	6.0	5.0	4.0	4.0	6.0	24	11.0
9	4.0	4.0	6.0	2.0	2.0	6.0	6.0	4.0	4.0	5.0	2.0	2.0	2.0	1.0	1.0	4.0	6.0	4.0	4.0	7.0	8.0	9.0	8.0	10.0	24	10.0
10	12.0	13.0	9.0	7.0	5.0	6.0	7.0	7.0	8.0	9.0	8.0	8.0	5.0	5.0	4.0	5.0	5.0	3.0	6.0	7.0	9.0	6.0	6.0	6.0	24	13.0
11	12.0	8.0	8.0	9.0	11.0	6.0	6.0	7.0	11.0	7.0	6.0	8.0	6.0	4.0	2.0	4.0	6.0	7.0	6.0	4.0	9.0	8.0	7.0	6.0	24	12.0
12	5.0	5.0	10.0	9.0	8.0	6.0	9.0	9.0	10.0	7.0	5.0	AX	BA	7.0	5.0	2.0	4.0	4.0	5.0	4.0	3.0	4.0	4.0	6.0	22	10.0
13	6.0	6.0	7.0	8.0	7.0	5.0	3.0	3.0	4.0	5.0	9.0	5.0	1.0	5.0	5.0	1.0	.0	2.0	3.0	4.0	4.0	3.0	3.0	5.0	24	9.0
14	13.0	11.0	9.0	14.0	11.0	12.0	10.0	9.0	11.0	11.0	8.0	7.0	11.0	8.0	5.0	3.0	6.0	6.0	7.0	6.0	6.0	9.0	7.0	8.0	24	14.0
15	8.0	8.0	8.0	9.0	8.0	10.0	9.0	11.0	9.0	12.0	15.0	9.0	9.0	11.0	13.0	13.0	9.0	12.0	14.0	18.0	14.0	15.0	13.0	14.0	24	18.0
16	14.0	13.0	17.0	14.0	14.0	9.0	11.0	11.0	18.0	19.0	23.0	6.0	8.0	7.0	6.0	6.0	8.0	6.0	12.0	9.0	6.0	6.0	10.0	9.0	24	23.0
17	8.0	10.0	9.0	10.0	13.0	11.0	15.0	16.0	21.0	15.0	16.0	16.0	12.0	15.0	9.0	11.0	14.0	11.0	11.0	15.0	13.0	9.0	12.0	14.0	24	21.0
18	12.0	12.0	12.0	17.0	7.0	8.0	22.0	13.0	15.0	16.0	14.0	16.0	15.0	16.0	14.0	9.0	14.0	11.0	14.0	16.0	8.0	8.0	7.0	10.0	24	22.0
19	8.0	10.0	11.0	9.0	13.0	15.0	12.0	12.0	11.0	13.0	11.0	8.0	AX	BA	8.0	5.0	6.0	5.0	6.0	9.0	8.0	4.0	6.0	9.0	22	15.0
20	10.0	9.0	8.0	10.0	8.0	12.0	11.0	9.0	11.0	9.0	8.0	10.0	8.0	8.0	6.0	6.0	6.0	9.0	9.0	6.0	9.0	6.0	8.0	8.0	24	12.0
21	6.0	6.0	6.0	6.0	5.0	7.0	10.0	11.0	8.0	7.0	8.0	11.0	10.0	7.0	8.0	10.0	9.0	11.0	11.0	7.0	6.0	10.0	7.0	6.0	24	11.0
22	14.0	10.0	7.0	6.0	9.0	8.0	14.0	10.0	14.0	11.0	10.0	11.0	8.0	4.0	3.0	5.0	8.0	9.0	8.0	8.0	13.0	9.0	7.0	8.0	24	14.0
23	6.0	6.0	7.0	10.0	7.0	12.0	9.0	7.0	7.0	8.0	7.0	6.0	3.0	7.0	6.0	4.0	3.0	4.0	6.0	4.0	2.0	5.0	8.0	6.0	24	12.0
24	8.0	6.0	5.0	4.0	1.0	2.0	1.0	-1.0	2.0	4.0	2.0	1.0	1.0	1.0	4.0	7.0	4.0	5.0	4.0	1.0	5.0	6.0	6.0	5.0	24	8.0
25	5.0	6.0	4.0	3.0	5.0	3.0	3.0	2.0	4.0	4.0	3.0	3.0	6.0	4.0	.0	-1.0	.0	4.0	4.0	3.0	4.0	7.0	7.0	6.0	24	7.0
26	6.0	4.0	5.0	10.0	6.0	5.0	5.0	5.0	7.0	5.0	BA	BA	3.0	3.0	1.0	1.0	3.0	3.0	4.0	5.0	4.0	10.0	7.0	7.0	22	10.0
27	6.0	3.0	4.0	6.0	7.0	6.0	8.0	10.0	14.0	10.0	11.0	10.0	8.0	7.0	10.0	9.0	8.0	8.0	11.0	9.0	7.0	13.0	8.0	7.0	24	14.0
28	6.0	6.0	11.0	7.0	11.0	7.0	5.0	6.0	6.0	7.0	7.0	8.0	5.0	6.0	6.0	8.0	7.0	11.0	11.0	8.0	8.0	7.0	13.0	10.0	24	13.0
29	10.0	7.0	10.0	11.0	7.0	13.0	12.0	13.0	10.0	13.0	10.0	7.0	10.0	9.0	9.0	8.0	12.0	12.0	9.0	10.0	11.0	12.0	12.0	8.0	24	13.0
30	14.0	14.0	11.0	15.0	10.0	14.0	11.0	14.0	14.0	12.0	11.0	15.0	17.0	17.0	15.0	18.0	16.0	16.0	11.0	14.0	12.0	8.0	10.0	6.0	24	18.0
31	7.0	7.0	9.0	11.0	11.0	8.0	6.0	7.0	9.0	8.0	7.0	8.0	6.0	6.0	5.0	5.0	6.0	5.0	7.0	6.0	24.0	14.0	14.0	15.0	24	24.0
NO.:	28	28	28	28	28	28	28	28	27	28	27	25	25	27	28	28	28	28	28	28	28	28	28	28		
MAX:	14.0	14.0	18.0	18.0	16.0	19.0	22.0	22.0	21.0	19.0	23.0	16.0	17.0	17.0	15.0	18.0	16.0	16.0	14.0	18.0	24.0	15.0	14.0	17.0		
AVG:	8.82	7.93	8.29	9.04	8.36	8.43	9.14	8.71	9.56	9.61	9.26	7.88	7.32	7.07	6.43	6.18	6.86	6.96	7.46	7.89	8.00	7.96	8.07	8.39		

MONTHLY OBSERVATIONS: 663 MONTHLY MEAN: 8.07 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.

(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: SLAMS
COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2017

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	6.4			3.2	6.7	10.8						
2			3.8									
3												
4												
5												
6		13.0				5.5						
7	3.7			2.7	4.1							
8			5.4									
9												
10												
11												
12		12.0				6.0						
13	8.7			7.0	.6 V							
14			2.8									
15												
16												
17												
18		16.2				AS						
19	4.4			5.5	4.4							
20			6.1									
21												
22												
23												
24		4.0 V				6.3						
25	5.0			3.9	5.5							
26			2.9									
27												
28												
29												
30						3.7						
31	12.9				BJ							
NO.:	6	4	5	5	5	5	0	0	0	0	0	0
MAX:	12.9	16.2	6.1	7.0	6.7	10.8						
MEAN:	6.85	11.30	4.20	4.46	4.26	6.46						

ANNUAL OBSERVATIONS: 30 ANNUAL MEAN: 6.11 ANNUAL MAX: 16.2

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.

(88101) PM2.5 - Local Conditions

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

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of 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 2017

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

DAY	HOUR 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	9.5	10.0	6.3	3.9	9.2	6.3	6.5	5.3	6.8	5.1	5.3	2.6	-1.2	5.1	15.5	9.5	6.1	3.4	3.4	2.9	4.1	2.9	3.6	4.1	24	15.5
2	2.7	3.4	1.9	.7	5.3	3.6	.4	-1.4	-.5	2.9	1.4	-.7	2.6	4.6	2.2	4.6	3.6	4.4	3.8	.9	3.9	3.6	-1.0	-.2	24	5.3
3	2.7	1.4	-1.4	1.2	3.4	1.9	.5	2.4	.9	-1.0	.7	.0	3.1	7.5	7.3	3.1	2.2	3.8	4.1	1.9	2.4	2.4	4.8	5.6	24	7.5
4	4.3	3.3	3.8	4.1	2.6	1.4	3.3	5.5	5.8	4.3	4.1	7.0	AX	BA	6.3	6.0	6.0	3.8	1.1	-.3	1.1	-1.2	-3.2	-1.2	22	7.0
5	-2.7	-3.0	-.1	.9	2.8	1.7	-2.0	-2.7	-2.2	-2.2	-2.4	-2.2	-.2	.4	2.6	1.2	-1.0	.6	-2.0	-.8	1.4	2.6	1.6	-1.2	24	2.8
6	-.3	2.4	6.3	4.6	1.1	-.5	7.8	5.1	5.3	6.0	6.0	5.8	6.8	4.6	2.4	.9	.2	1.9	2.4	2.9	2.9	4.3	3.1	6.1	24	7.8
7	5.3	3.1	.9	-2.4	-2.6	-.9	-.4	-1.6	-2.1	-4.1	-5.1MD	.7	2.0	2.7	3.4	3.2	3.4	3.2	2.5	2.2	6.4	9.8	8.6	7.8	24	9.8
8	7.3	9.1	4.6	5.9	6.6	7.8	6.1	5.6	5.6	6.1	5.9	2.9	1.0	4.9	6.3	3.9	8.3	7.8	6.6	7.3	6.4	5.9	6.6	6.4	24	9.1
9	4.9	6.8	7.6	7.8	6.8	6.1	10.0	5.9	5.6	5.6	2.9	.3	4.2	3.7	1.7	2.2	2.2	5.1	3.7	4.2	3.9	1.0	2.7	3.7	24	10.0
10	2.7	6.4	3.7	.5	2.5	4.6	3.7	5.1	5.6	5.1	1.7	.1	1.0	1.4	8.3	4.6	-.3	2.7	2.2	-3.2	-2.4	-.3	4.9	4.8	24	8.3
11	1.9	6.5	3.1	-1.7	-.3	.4	-.6	-.8	.2	.0	1.4	6.1	5.3	2.4	1.7	.7	.0	3.1	1.7	-1.2	-.3	5.1	2.9	2.2	24	6.5
12	-.5	-.5	-.5	-2.9	-1.2	-.7	-.3	.7	1.9	3.6	1.2	1.9	2.7	4.1	4.1	.5	1.2	-.4	-1.9	-.2	2.7	.9	1.9	2.2	24	4.1
13	6.3	4.1	.4	-.7	.2	1.2	-.9	.9	5.8	6.1	7.8	8.5	10.7	8.5	6.8	10.7	11.2	9.0	7.3	10.7	9.7	7.5	5.8	6.5	24	11.2
14	7.3	5.1	2.1	-.5	-.3	5.5	2.2	2.4	3.1	7.5	4.3	-.7	-1.2	7.0	5.6	4.1	3.6	7.5	12.4	11.7	9.2	10.7	7.8	7.3	24	12.4
15	6.3	7.8	7.1	10.5	8.0	5.8	10.2	9.0	9.0	12.2	13.6	18.7	7.8	7.3	12.9	10.7	12.9	11.7	6.8	7.5	5.1	6.0	5.8	4.1	24	18.7
16	3.6	-.3	.7	3.6	.7	-2.2	-1.5	4.3	1.4	-.1	2.9	7.8	4.3	.9	2.9	5.8	2.9	1.2	8.5	4.6	.9	3.6	4.1	6.3	24	8.5
17	7.0	5.3	4.6	8.0	5.6	8.0	4.8	4.1	3.8	.3	7.5	5.6	AX	BA	8.7	8.0	5.3	5.1	4.8	5.1	6.5	5.3	3.8	1.7	22	8.7
18	2.9	3.8	7.8	7.5	6.0	7.0	4.1	9.5	7.8	15.3	10.7	10.7	8.0	10.2	9.5	7.3	5.1	2.1	.2	1.9	1.9	5.3	5.3	5.3	24	15.3
19	4.3	6.0	AN	AN	AN	AN	-1.1	.8	2.0	10.0	7.3	2.9	.7	13.6	7.5	3.4	.4	.4	2.1	3.1	3.1	-.2	-1.7	1.9	20	13.6
20	4.4	4.6	2.4	-1.2	-2.9	-2.0	.7	1.2	-.2	-2.7	1.6	7.0	4.3	2.6	6.8	6.3	2.1	2.2	5.1	5.1	3.1	5.3	8.7	6.8	24	8.7
21	7.8	12.4	10.2	8.5	8.0	7.2	6.7	7.2	5.5	5.1	6.0	7.5	5.5	5.3	15.0	8.0	9.9	10.2	7.0	6.5	5.8	2.6	1.9	-1.0	24	15.0
22	-2.5	-1.0	-1.5	1.9	6.3	2.1	-.1	2.9	3.4	5.5	6.0	4.1	3.1	4.3	2.6	.2	.7	2.1	-.3	.2	.9	1.4	2.1	-2.0	24	6.3
23	-.3	1.9	.9	.3	1.6	3.3	1.6	.2	-.4	.6	3.8	4.8	2.6	2.4	1.4	.7	.9	2.9	3.1	1.1	.9	1.9	1.9	4.1	24	4.8
24	3.8	2.1	.2	1.1	3.1	.7	.7	1.4	.7	1.9	3.1	.7	3.6	3.1	-.6	1.1	2.6	2.6	1.9	.4	2.9	1.9	-1.0	-2.0	24	3.8
25	.7	2.7	2.4	1.7	1.7	1.9	2.2	3.2	4.1	7.8	6.1	9.0	5.5	5.3	3.4	1.4	2.6	4.8	5.3	6.8	5.3	4.5	3.1	2.9	24	9.0
26	1.9	6.0	8.2	5.1	2.1	4.5	6.3	10.9	7.8	4.6	3.9	5.1	5.0	2.6	1.4	.7	-1.0	-.1	.4	-.7	.1	.9	1.4	2.9	24	10.9
27	-1.5	-4.9	-2.7	1.2	4.8	2.9	1.7	1.4	-.7	-1.4	-.6	2.9	3.1	1.9	.9	1.2	.9	3.6	2.4	2.1	5.5	3.1	-1.2	-.3	24	5.5
28	3.8	2.9	3.1	2.7	2.9	4.9	4.6	5.1	8.3	7.1	4.4	3.2	2.2	1.2	7.3	10.9	5.8	-.1	-2.9	2.4	3.4	3.6	4.6	6.6	24	10.9
29	6.1	4.4	4.2	2.5	2.5	4.9	5.4	3.4	3.2	5.6	4.1	2.2	4.1	9.7	5.1	.2	.9	1.9	1.1	1.9	2.4	.4	-.5	-1.2	24	9.7
30	2.4	2.7	2.2	1.7	3.9	3.2	3.2	3.2	2.7	2.5	.5	-.2	.9	1.0	.4	.5	.2	.9	.9	.0	5.1	3.7	2.5	4.6	24	5.1
31	7.6	6.6	5.9	4.0	8.4	11.0	9.1	7.1	8.8	8.1	4.9	2.9	21.7	11.9	10.7	14.1	11.0	19.2	11.9	14.1	34.8	22.9	16.5	21.9	24	34.8
NO.:	31	31	30	30	30	30	31	31	31	31	31	31	29	29	31	31	31	31	31	31	31	31	31	31		
MAX:	9.5	12.4	10.2	10.5	9.2	11.0	10.2	10.9	9.0	15.3	13.6	18.7	21.7	13.6	15.5	14.1	12.9	19.2	12.4	14.1	34.8	22.9	16.5	21.9		
AVG:	3.54	3.91	3.15	2.68	3.29	3.39	3.06	3.46	3.52	4.11	3.90	4.10	4.11	4.83	5.49	4.38	3.55	4.08	3.41	3.26	4.49	4.11	3.46	3.76		

MONTHLY OBSERVATIONS: 736 MONTHLY MEAN: 3.79 MONTHLY MAX: 34.8

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

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of 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 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	19.2	14.8	13.3	8.5	11.4	10.9	7.8	7.5	17.5	3.9	14.8	13.6	7.8	12.4	10.2	25.1	13.3	13.8	10.0	10.0	13.1	9.5	7.3	11.2	24	25.1
2	16.3	14.5	10.2	8.8	12.2	8.3	8.3	10.2	12.8	12.8	15.3	12.8	9.2	11.2	9.0	13.9	8.5	14.8	16.3	14.1	12.2	10.4	10.5	11.9	24	16.3
3	11.7	10.4	8.7	4.8	8.7	5.8	5.1	3.6	4.8	5.8	3.4	2.4	3.8	5.1	9.0	6.5	2.7	8.3	6.3	3.4	2.9	6.8	6.1	7.5	24	11.7
4	7.3	3.9	2.4	4.6	1.9	-.7	-.7	3.2	4.2	3.2	2.2	2.0	3.2	2.9	7.1	7.3	4.8	2.9	2.2	2.0	.6	4.9	5.9	4.2	24	7.3
5	4.2	2.7	4.4	5.9	3.7	2.5	7.4	4.4	3.4	5.4	3.0	3.9	7.6	5.6	13.6	8.7	5.8	16.5	12.3	6.8	1.9	8.5	10.3	12.2	24	16.5
6	11.5	13.2	12.0	13.0	16.1	12.7	14.4	16.3	17.1	18.0	6.8	6.8	5.1	7.3	9.5	8.0	9.3	10.9	12.8	7.8	13.1	9.5	10.0	15.6	24	18.0
7	13.6	16.3	13.6	19.0	16.6	17.8	10.3	21.5	13.2	15.1	1.7	19.7	AX	BA	14.1	11.9	10.2	12.9	12.2	9.2	11.9	8.3	4.1	4.6	22	21.5
8	5.1	3.1	5.1	3.9	5.8	6.1	2.7	1.7	-.1	-1.2	1.9	1.7	.7	4.6	5.8	5.3	3.9	2.7	2.1	4.8	4.8	5.6	5.6	4.8	24	6.1
9	6.3	5.1	4.8	5.3	6.6	4.6	3.1	3.4	.9	.4	-1.2	-.3	-.6	-2.7	-1.9	-2.2	-1.7	1.6	-3.2	-5.2MD	3.6	4.9	1.2	-2.4	24	6.6
10	-.7	3.0	2.2	2.0	2.2	4.4	2.2	-.7	3.4	4.6	3.4	2.0	1.7	.2	.0	2.1	3.1	3.6	4.6	4.6	6.6	4.9	5.1	5.6	24	6.6
11	5.4	3.4	3.4	3.7	2.9	2.5	5.6	5.9	5.3	6.3	8.5	8.8	7.3	7.0	4.6	6.8	5.6	8.0	14.1	16.0	2.6	13.1	6.8	14.6	24	16.0
12	11.2	21.4	7.8	7.5	7.0	10.5	18.0	3.6	11.0	20.7	9.5	14.6	10.0	14.1	11.2	19.7	11.0	9.2	13.6	12.2	9.0	13.1	10.5	9.5	24	21.4
13	16.3	14.3	9.5	2.7	-2.7	.7	.9	-1.0	-3.0	-3.9	-.6	-1.4	-.1	-1.4	.9	5.3	5.3	7.0	3.6	-1.7	-2.7	1.9	3.2	1.2	24	16.3
14	-.2	2.9	9.0	6.6	3.2	5.6	4.9	3.7	5.1	9.0	4.6	.5	18.5	8.8	4.3	-.1	4.8	8.5	6.3	2.6	3.1	3.1	4.3	3.4	24	18.5
15	3.1	2.6	1.9	2.9	6.1	7.8	8.0	11.9	9.2	14.6	17.7	14.3	7.3	2.7	3.1	1.9	.7	2.7	3.9	2.9	2.4	2.2	2.7	.7	24	17.7
16	-1.9	1.1	3.4	5.6	6.1	5.9	3.7	4.7	5.1	3.9	3.4	5.3	5.8	3.6	1.6	-1.1	-2.0	4.1	3.8	1.2	-.1	-2.7	-2.4	.7	24	6.1
17	1.0	.6	1.7	2.5	3.4	3.2	2.5	1.5	3.2	.1	AZ	4.8	1.9	-2.4	-3.7	4.1	4.8	1.7	-.5	.9	-.1	-1.4	-1.2	.7	23	4.8
18	2.0	9.3	13.9	13.2	16.3	16.3	15.1	13.9	18.8	19.0	26.1	16.0	9.5	12.2	8.5	15.1	25.5	22.2	21.7	14.8	17.2	16.0	18.7	24.9	24	26.1
19	20.1	20.4	20.9	28.0	20.9	21.2	21.9	26.1	15.8	18.2	13.3	9.2	5.8	3.4	4.4	4.1	5.3	5.1	15.1	9.0	8.0	10.4	11.2	9.7	24	28.0
20	4.3	1.2	6.1	8.8	6.8	6.3	8.8	13.4	11.9	11.9	13.9	12.7	9.3	4.4	5.6	13.9	10.2	13.6	17.5	9.5	8.7	5.3	5.5	6.0	24	17.5
21	6.5	1.4	-.7	4.8	6.0	8.0	6.8	8.0	6.1	10.7	7.3	11.9	7.5	6.5	5.1	2.7	2.7	7.8	5.3	11.7	5.3	1.9	4.1	1.2	24	11.9
22	3.3	2.9	-.1	2.9	2.4	1.6	2.1	1.4	3.3	2.4	5.8	6.1	3.4	3.6	3.4	1.9	4.6	3.6	1.4	4.1	2.2	1.4	.7	.7	24	6.1
23	2.2	.2	-.8	-1.2	1.4	1.7	-.1	-1.5	-.3	5.5	9.7	3.4	1.4	.0	-3.2	1.2	2.4	2.9	2.2	2.4	3.1	2.2	1.6	4.1	24	9.7
24	1.4	.4	-.5	.7	2.9	2.4	1.9	2.9	2.4	.4	4.8	2.2	-1.9	3.4	3.6	5.6	3.4	6.8	5.3	1.9	1.7	.9	3.1	.9	24	6.8
25	-2.2	1.1	2.4	1.4	-.1	-1.2	2.2	3.1	8.0	6.5	4.1	4.1	2.2	3.9	5.1	4.8	9.0	8.5	6.3	6.8	9.2	11.2	5.8	-1.7	24	11.2
26	-2.2	-2.0	-1.5	.1	.7	.7	-3.7	-3.2	3.6	1.6	-1.7	7.2	5.8	1.9	-1.0	-1.2	3.3	3.3	-.6	1.9	2.4	3.1	4.1	2.9	24	7.2
27	8.1	6.1	3.4	4.6	7.3	18.2	20.9	17.3	18.3	10.7	4.4	-1.7	.9	3.4	5.5	3.1	1.2	1.7	1.2	3.4	4.8	1.9	.9	3.1	24	20.9
28	7.5	5.5	4.1	3.6	1.9	8.7	6.5	8.0	9.2	5.1	3.6	5.8	6.8	8.3	7.3	8.5	9.5	6.6	3.6	2.1	2.6	5.6	2.9	.7	24	9.5
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	28	27	28	27	27	28	28	28	28	28	28	28	28	28	28		
MAX:	20.1	21.4	20.9	28.0	20.9	21.2	21.9	26.1	18.8	20.7	26.1	19.7	18.5	14.1	14.1	25.1	25.5	22.2	21.7	16.0	17.2	16.0	18.7	24.9		
AVG:	6.44	6.42	5.74	6.22	6.35	6.88	6.66	6.81	7.51	7.53	6.88	6.73	5.18	4.81	5.10	6.53	5.97	7.55	7.12	5.69	5.36	5.80	5.31	5.66		

MONTHLY OBSERVATIONS: 669 MONTHLY MEAN: 6.26 MONTHLY MAX: 28.0

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

(88101) PM2.5 - Local Conditions

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

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of 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: MARCH 2017

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

DAY	HOUR 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	4.6	7.8	8.3	4.4	10.0	7.0	8.0	10.7	7.3	8.0	AN	5.6	8.5	10.9	10.2	7.8	13.9	13.4	10.2	13.2	8.0	10.2	8.5	8.2	23	13.9
2	5.5	3.1	4.1	2.9	.9	4.8	9.7	3.8	-2.5	-1.2	5.5	4.8	1.6	-1.0	-1.2	2.1	3.3	1.9	1.4	1.4	1.9	1.6	1.9	2.6	24	9.7
3	3.9	3.1	2.9	1.7	1.7	2.2	6.1	5.1	2.2	.7	AX	BA	2.1	8.5	3.6	1.2	3.8	3.8	1.4	.9	1.1	-.6	.9	.9	22	8.5
4	1.2	5.3	3.9	1.5	5.8	3.9	6.1	4.2	2.7	4.6	6.8	4.1	5.6	5.1	2.4	4.8	3.4	5.8	6.5	.2	1.2	3.9	8.0	5.9	24	8.0
5	9.5	6.8	4.4	11.3	7.6	9.1	11.2	9.5	11.5	7.3	4.6	4.1	37.3	13.3	31.9	12.1	18.2	8.7	5.3	10.0	21.2	25.7	23.9	23.9	24	37.3
6	19.5	10.1	8.1	6.6	3.9	3.2	3.7	3.2	2.9	5.4	4.9	2.7	15.3	2.9	1.2	4.1	3.4	2.2	3.8	2.2	-.8	2.2	.7	-3.1	24	19.5
7	-.7	2.2	3.2	4.6	5.4	3.9	5.1	8.3	6.8	15.3	3.8	4.8	5.3	4.6	6.3	5.6	5.6	4.1	1.9	2.9	1.2	-.7	1.7	3.6	24	15.3
8	4.6	2.1	.2	3.1	4.4	4.1	3.4	6.0	4.6	6.1	6.1	3.9	3.1	5.1	4.4	3.1	1.4	4.3	5.3	4.1	3.6	2.4	3.1	3.4	24	6.1
9	4.4	.9	2.2	7.8	7.3	3.9	4.7	10.0	10.7	11.2	4.6	.4	1.2	.5	6.5	3.9	-.9	-2.5	.7	1.7	.2	1.9	3.6	2.4	24	11.2
10	3.9	10.2	6.8	6.3	6.1	5.1	4.4	7.8	4.6	14.1	12.2	13.8	8.7	8.7	14.6	10.0	6.6	4.8	4.1	3.1	1.6	3.6	3.6	-1.0	24	14.6
11	.2	3.1	.0	-4.4	-2.6	-.2	1.5	2.5	-.9	-1.4	.1	11.2	6.3	.9	-1.0	-3.0	-2.2	1.4	-1.1	.2	2.9	6.0	12.6	6.6	24	12.6
12	.2	5.6	4.6	.2	1.2	1.4	.5	4.4	4.2	4.7	3.4	1.7	3.7	4.7	4.9	6.9	6.9	5.9	5.1	6.4	6.6	5.4	3.7	8.6	24	8.6
13	6.6	4.7	2.7	2.2	2.0	1.2	6.1	7.4	5.2	6.6	6.3	17.3	4.1	3.2	1.7	1.4	2.4	4.6	2.7	1.7	1.7	1.4	-.3	-2.2	24	17.3
14	.0	.5	.9	1.9	1.4	.7	.2	1.0	.6	-.6	.6	-.9	.7	2.7	.5	-2.7	-1.4	2.2	2.4	2.4	3.6	1.9	2.4	6.1	24	6.1
15	4.2	2.5	3.4	1.0	-1.6	-.4	3.7	3.9	2.0	7.1	4.4	2.5	4.6	3.4	4.2	9.3	4.9	1.7	-.6	.4	2.5	2.2	2.0	1.5	24	9.3
16	3.4	3.9	2.0	2.5	2.0	1.0	4.2	6.1	5.9	3.2	3.7	3.0	5.1	6.4	5.4	12.6	9.0	5.8	13.9	6.3	11.5	8.6	10.3	11.5	24	13.9
17	15.4	14.6	15.1	14.9	12.0	18.0	18.5	14.9	7.1	4.4	AX	5.4	11.4	6.5	4.9	4.9	4.1	4.4	2.4	6.3	4.8	4.6	3.6	5.6	23	18.5
18	9.8	6.6	6.1	6.6	5.8	6.1	3.9	4.9	8.8	8.5	8.5	14.6	12.8	11.7	12.3	17.2	18.7	17.7	21.4	13.8	7.8	6.0	7.5	6.8	24	21.4
19	7.5	6.8	9.0	7.0	4.8	3.6	1.9	1.9	2.0	2.7	1.2	-.3	4.1	4.6	4.6	2.6	3.4	2.7	1.4	2.2	1.7	-1.2	-2.1	1.2	24	9.0
20	3.2	2.5	2.5	5.4	3.4	4.2	5.4	5.1	7.4	8.1	8.1	11.0	5.1	1.7	2.7	4.6	6.6	7.0	6.8	3.9	2.4	3.4	1.7	4.1	24	11.0
21	3.6	3.4	4.6	2.7	1.7	5.6	6.5	6.0	7.0	13.3	13.8	11.9	11.7	16.1	12.2	11.2	12.0	22.7	19.7	18.5	23.2	16.8	18.7	19.2	24	23.2
22	17.2	16.5	16.5	17.7	11.0	9.7	14.8	20.2	10.7	16.8	4.1	4.8	5.6	7.3	5.6	8.5	7.8	4.3	3.1	3.6	2.4	2.6	-.3	-2.4	24	20.2
23	5.1	5.1	.8	1.0	3.7	2.9	6.4	5.6	5.9	3.9	3.6	3.9	5.8	5.1	9.2	4.8	.2	2.6	3.1	.0	-1.4	.2	2.9	5.9	24	9.2
24	8.3	16.6	13.5	11.7	13.2	12.0	9.8	8.6	8.6	6.8	3.9	3.4	1.9	1.2	5.8	8.0	4.4	12.2	10.9	7.8	3.1	-.8	-.5	.2	24	16.6
25	1.7	1.7	1.2	1.2	1.2	-.5	-.2	.5	12.2	6.3	3.4	5.3	3.1	4.4	7.1	10.2	5.6	2.2	6.8	5.1	2.4	1.2	2.2	3.4	24	12.2
26	2.2	2.1	1.9	.7	-.1	2.4	1.9	3.6	4.3	3.6	.0	-.7	.9	-.7	-1.9	-.7	4.1	3.4	1.2	2.7	1.9	1.4	1.6	2.1	24	4.3
27	2.1	2.9	1.4	-.3	1.9	3.1	3.1	1.4	7.5	5.3	.0	.2	1.7	-.2	3.1	4.8	3.1	1.4	3.1	3.6	.7	1.2	1.2	.4	24	7.5
28	4.3	2.9	-.1	3.9	8.5	9.0	4.8	2.6	1.4	-1.9	.0	4.3	7.0	6.1	10.5	10.0	9.5	4.8	3.9	8.0	9.5	8.0	5.3	3.6	24	10.5
29	13.6	8.7	8.0	6.8	9.0	7.5	8.3	10.7	11.7	7.0	4.0	6.0	10.0	10.0	13.0	12.0	6.0	6.0	4.0	5.0	3.0	4.0	6.0	6.0	24	13.6
30	6.0	5.0	3.0	2.0	4.0	5.0	1.0	2.0	AN	AN	1.4	3.1	1.9	2.1	1.9	3.1	4.1	1.7	2.6	3.1	4.6	3.3	3.3	2.9	22	6.0
31	4.6	6.0	3.6	2.1	6.1	5.8	11.9	10.0	8.7	8.3	7.3	7.3	11.7	9.2	10.2	9.5	10.0	12.4	8.0	16.0	11.2	9.5	9.7	4.8	24	16.0
NO.:	31	31	31	31	31	31	31	31	30	30	28	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	19.5	16.6	16.5	17.7	13.2	18.0	18.5	20.2	12.2	16.8	13.8	17.3	37.3	16.1	31.9	17.2	18.7	22.7	21.4	18.5	23.2	25.7	23.9	23.9		
AVG:	5.66	5.59	4.67	4.42	4.57	4.69	5.70	6.19	5.70	6.14	4.51	5.31	6.71	5.32	6.35	6.13	5.74	5.60	5.21	5.05	4.69	4.38	4.75	4.60		

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 5.32 MONTHLY MAX: 37.3

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.

(88101) PM2.5 - Local Conditions

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

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of 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: APRIL 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	5.0	1.0	.0	.0	11.0	5.0	.0	3.0	4.0	3.0	4.0	4.0	3.0	4.0	2.0	.0	2.0	3.0	1.0	1.0	4.0	2.0	5.0	4.0	24	11.0
2	3.0	2.0	2.0	2.0	5.0	4.0	1.0	.0	4.0	4.0	6.0	3.0	8.0	7.0	7.0	4.0	3.0	2.0	3.0	4.0	4.0	4.0	2.0	6.0	24	8.0
3	5.0	2.0	.0	-1.0	-1.0	1.0	2.0	1.0	2.0	2.0	AX	BA	8.0	5.0	2.0	6.0	4.0	6.0	7.0	8.0	6.0	5.0	6.0	11.0	22	11.0
4	10.0	8.0	9.0	9.0	11.0	10.0	11.0	7.0	3.0	6.0	9.0	8.0	5.0	4.0	2.0	2.0	5.0	7.0	7.0	9.0	9.0	8.0	6.0	6.0	24	11.0
5	9.0	7.0	6.0	4.0	1.0	2.0	3.0	6.0	6.0	10.0	11.0	9.0	8.0	9.0	16.0	10.0	11.0	10.0	8.0	6.0	3.0	2.0	2.0	1.0	24	16.0
6	2.0	1.0	1.0	3.0	7.0	2.0	-1.0	5.0	4.0	6.0	8.0	9.0	2.0	-2.0	4.0	4.0	3.0	2.0	.0	.0	4.0	3.0	2.0	.0	24	9.0
7	3.0	2.0	AN	AN	4.0	2.0	.0	1.0	3.0	4.0	1.0	-1.0	1.0	2.0	1.0	2.0	1.0	.0	1.0	4.0	4.0	1.0	3.0	2.0	22	4.0
8	.0	1.0	1.0	1.0	1.0	.0	-1.0	-1.0	AN	1.0	10.0	6.0	1.0	2.0	1.0	-1.0	2.0	7.0	6.0	6.0	6.0	3.0	6.0	7.0	23	10.0
9	4.0	1.0	4.0	5.0	5.0	4.0	5.0	8.0	9.0	8.0	14.0	7.0	2.0	-1.0	.0	2.0	.0	1.0	4.0	10.0	7.0	8.0	5.0	3.0	24	14.0
10	1.0	-1.0	.0	1.0	3.0	5.0	6.0	5.0	3.0	12.0	6.0	.0	.0	4.0	4.0	5.0	3.0	.0	.0	7.0	5.0	7.0	6.0	4.0	24	12.0
11	3.0	.0	.0	2.0	2.0	1.0	.0	-1.0	7.0	5.0	3.0	3.0	2.0	3.0	2.0	4.0	6.0	3.0	2.0	11.0	6.0	3.0	3.0	2.0	24	11.0
12	1.0	1.0	3.0	4.0	3.0	-1.0	2.0	3.0	5.0	6.0	8.0	5.0	8.0	9.0	7.0	6.0	5.0	4.0	4.0	7.0	7.0	3.0	-1.0	3.0	24	9.0
13	8.0	6.0	5.0	4.0	2.0	1.0	3.0	5.0	AX	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	8	8.0
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	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	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	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	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	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	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	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	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	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	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	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	0	
28	AS	AS	AS	AS	AS	AS	AS	BA	BA	BA	BA	BA	BA	BC	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
29	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
30	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
31																									0	
NO.:	13	13	12	12	13	13	13	13	11	12	11	11	12	12	12	12	12	12	12	12	12	12	12	12		
MAX:	10.0	8.0	9.0	9.0	11.0	10.0	11.0	8.0	9.0	12.0	14.0	9.0	8.0	9.0	16.0	10.0	11.0	10.0	8.0	11.0	9.0	8.0	6.0	11.0		
AVG:	4.15	2.38	2.58	2.83	4.15	2.77	2.38	3.23	4.55	5.58	7.27	4.82	4.00	3.83	4.00	3.67	3.75	3.75	3.58	6.08	5.42	4.08	3.75	4.08		

MONTHLY OBSERVATIONS: 291 MONTHLY MEAN: 4.00 MONTHLY 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.

(88101) PM2.5 - Local Conditions

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

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of 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 2017

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

DAY	HOUR 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	4.8	6.9	10.4	9.4	7.7	7.6	8.4	13.3	10.8	11.8	9.4	8.9	7.4	6.2	7.6	9.6	12.3	8.9	9.1	7.2	6.9	13.5	15.4	24	15.4
2	12.8	8.6	10.1	11.8	10.1	7.4	12.3	14.2	17.6	10.8	9.6	8.1	11.1	11.8	8.6	8.1	6.2	8.4	5.7	3.5	8.2	6.9	7.4	8.1	24	17.6
3	10.3	8.9	11.5	8.6	9.6	10.1	9.8	12.1	11.5	11.0	11.0	9.0	6.0	AX	BA	5.0	9.0	8.0	6.0	AN	7.0	6.0	7.0	9.0	21	12.1
4	9.0	8.0	7.0	7.0	7.0	13.0	8.0	6.0	15.0	10.0	11.0	7.0	7.0	8.0	7.0	9.0	9.0	8.0	9.0	8.0	6.0	14.0	9.0	10.0	24	15.0
5	10.0	10.0	10.0	10.0	7.0	4.0	3.0	5.0	8.0	9.0	10.0	6.0	14.0	9.0	8.0	14.0	8.0	6.0	6.0	8.0	6.0	6.0	7.0	10.0	24	14.0
6	6.0	4.0	8.0	10.0	9.0	7.0	10.0	9.0	7.0	9.0	5.0	6.0	4.0	3.0	1.0	2.0	3.0	6.0	7.0	6.0	7.0	10.0	7.0	9.0	24	10.0
7	6.0	7.0	8.0	11.0	7.0	7.0	9.0	10.0	8.0	7.0	5.0	4.0	5.0	6.0	7.0	6.0	7.0	6.0	4.0	3.0	7.0	8.0	8.0	11.0	24	11.0
8	11.0	12.0	15.0	14.0	14.0	AN	AN	AN	5.0	5.0	6.0	7.0	7.0	7.0	9.0	8.0	7.0	11.0	23.0	20.0	20.0	21.0	21.0	18.0	21	23.0
9	25.0	18.0	20.0	17.0	13.0	16.0	14.0	10.0	9.0	12.0	8.0	5.0	5.0	7.0	10.0	10.0	11.0	8.0	4.0	11.0	8.0	13.0	10.0	7.0	24	25.0
10	7.0	8.0	10.0	7.0	7.0	11.0	14.0	12.0	15.0	17.0	17.0	14.0	14.0	17.0	11.0	15.0	12.0	7.0	12.0	17.0	11.0	21.0	16.0	16.0	24	21.0
11	14.0	20.0	13.0	15.0	24.0	16.0	20.0	19.0	27.0	24.0	22.0	21.0	18.0	12.0	12.0	15.0	17.0	18.0	17.0	16.0	18.0	19.0	14.0	19.0	24	27.0
12	16.0	12.0	15.0	16.0	9.0	6.0	11.0	15.0	10.0	6.0	8.0	10.0	12.0	9.0	9.0	11.0	10.0	8.0	7.0	9.0	10.0	7.0	6.0	12.0	24	16.0
13	11.0	14.0	8.0	5.0	7.0	7.0	11.0	8.0	14.0	10.0	12.0	17.0	12.0	10.0	9.0	8.0	6.0	9.0	6.0	5.0	6.0	7.0	9.0	9.0	24	17.0
14	10.0	6.0	7.0	7.0	5.0	5.0	8.0	6.0	3.0	7.0	8.0	9.0	7.0	10.0	8.0	8.0	7.0	9.0	11.0	7.0	8.0	6.0	10.0	9.0	24	11.0
15	9.0	8.0	10.0	9.0	10.0	10.0	11.0	17.0	14.0	16.0	17.0	18.0	13.0	16.0	13.0	14.0	15.0	11.0	11.0	18.0	8.0	9.0	11.0	11.0	24	18.0
16	16.0	16.0	16.0	12.0	17.0	15.0	17.0	11.0	12.0	10.0	12.0	21.0	18.0	14.0	13.0	17.0	13.0	21.0	19.0	16.0	19.0	20.0	11.0	14.0	24	21.0
17	8.0	6.0	8.0	8.0	11.0	7.0	7.0	6.0	17.0	13.0	15.0	15.0	12.0	10.0	11.0	15.0	11.0	11.0	11.0	7.0	3.0	3.0	12.0	10.0	24	17.0
18	9.0	9.0	8.0	6.0	7.0	8.0	9.0	11.0	10.0	AX	BA	BA	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	9	11.0
19	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
20	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
21	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
22	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	BA	4.0	8.0	10.0	11.0	10.0	10.0	7.0	9.0	9.0	10.0	9.0	9.0	12	11.0
23	7.0	6.0	11.0	10.0	10.0	7.0	3.0	7.0	6.0	6.0	10.0	17.0	8.0	7.0	12.0	15.0	11.0	6.0	8.0	9.0	7.0	6.0	6.0	3.0	24	17.0
24	4.0	7.0	6.0	4.0	10.0	10.0	7.0	9.0	8.0	10.0	12.0	9.0	8.0	10.0	15.0	14.0	17.0	15.0	10.0	7.0	12.0	9.0	4.0	9.0	24	17.0
25	9.0	11.0	8.0	7.0	10.0	8.0	7.0	6.0	12.0	12.0	9.0	11.0	8.0	7.0	8.0	7.0	8.0	8.0	7.0	6.0	7.0	11.0	10.0	14.0	24	14.0
26	9.0	8.0	9.0	11.0	13.0	9.0	8.0	10.0	13.0	12.0	8.0	8.0	8.0	11.0	14.0	9.0	10.0	11.0	11.0	9.0	5.0	13.0	10.0	12.0	24	14.0
27	14.0	8.0	13.0	11.0	11.0	10.0	9.0	10.0	10.0	13.0	13.0	17.0	12.0	11.0	15.0	15.0	16.0	17.0	21.0	21.0	16.0	16.0	20.0	19.0	24	21.0
28	17.0	17.0	21.0	19.0	16.0	15.0	18.0	16.0	17.0	16.0	18.0	17.0	9.0	15.0	12.0	16.0	15.0	13.0	19.0	19.0	20.0	17.0	11.0	7.0	24	21.0
29	6.0	8.0	14.0	7.0	13.0	11.0	12.0	9.0	16.0	8.0	8.0	6.0	10.0	11.0	11.0	10.0	9.0	12.0	12.0	11.0	13.0	13.0	13.0	12.0	24	16.0
30	11.0	6.0	10.0	10.0	9.0	8.0	8.0	8.0	9.0	16.0	23.0	10.0	12.0	8.0	12.0	13.0	11.0	7.0	8.0	9.0	17.0	9.0	9.0	17.0	24	23.0
31	16.0	21.0	14.0	16.0	20.0	14.0	24.0	18.0	17.0	9.0	14.0	22.0	19.0	18.0	14.0	17.0	15.0	17.0	15.0	12.0	19.0	17.0	19.0	19.0	24	24.0
NO.:	27	27	27	27	27	26	26	26	27	26	26	26	27	26	26	27	27	27	27	26	27	27	27	27		
MAX:	25.0	21.0	21.0	19.0	24.0	16.0	24.0	19.0	27.0	24.0	23.0	22.0	19.0	18.0	15.0	17.0	17.0	21.0	23.0	21.0	20.0	21.0	21.0	19.0		
AVG:	10.74	10.09	11.02	10.36	10.93	9.58	10.68	10.49	12.01	11.14	11.67	11.67	10.07	10.12	10.22	11.10	10.47	10.51	10.58	10.60	10.53	11.29	10.74	11.80		

MONTHLY OBSERVATIONS: 639 MONTHLY MEAN: 10.77 MONTHLY MAX: 27.0

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

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of 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: JUNE 2017

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

DAY	HOUR 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	11.0	13.0	15.0	10.0	13.0	10.0	21.0	21.0	27.0	11.0	19.0	BA	9.0	17.0	18.0	12.0	9.0	11.0	10.0	7.0	14.0	12.0	11.0	23	27.0
2	7.0	9.0	14.0	11.0	17.0	8.0	16.0	16.0	23.0	AX	BA	9.0	14.0	8.0	9.0	12.0	10.0	9.0	16.0	16.0	13.0	14.0	15.0	11.0	22	23.0
3	12.0	13.0	9.0	9.0	12.0	12.0	8.0	10.0	15.0	12.0	14.0	13.0	8.0	8.0	9.0	7.0	10.0	7.0	8.0	5.0	15.0	16.0	11.0	9.0	24	16.0
4	8.0	8.0	9.0	6.0	11.0	8.0	8.0	10.0	9.0	9.0	11.0	11.0	14.0	12.0	10.0	8.0	5.0	5.0	9.0	6.0	6.0	5.0	5.0	3.0	24	14.0
5	9.0	9.0	8.0	6.0	7.0	5.0	8.0	6.0	5.0	5.0	3.0	5.0	9.0	7.0	5.0	5.0	6.0	5.0	3.0	3.0	5.0	5.0	15.0	10.0	24	15.0
6	3.0	4.0	4.0	2.0	2.0	7.0	5.0	14.0	7.0	13.0	8.0	9.0	6.0	3.0	9.0	8.0	5.0	16.0	5.0	5.0	4.0	2.0	6.0	11.0	24	16.0
7	6.0	9.0	6.0	9.0	8.0	4.0	6.0	6.0	11.0	6.0	6.0	7.0	9.0	9.0	6.0	8.0	9.0	12.0	7.0	8.0	6.0	6.0	5.0	8.0	24	12.0
8	6.0	3.0	3.0	4.0	3.0	4.0	2.0	.0	1.0	.0	3.0	4.0	5.0	4.0	4.0	5.0	5.0	5.0	6.0	4.0	4.0	3.0	4.0	10.0	24	10.0
9	6.0	4.0	8.0	10.0	8.0	6.0	8.0	5.0	5.0	13.0	10.0	8.0	8.0	5.0	4.0	5.0	4.0	1.0	6.0	6.0	6.0	7.0	4.0	7.0	24	13.0
10	6.0	5.0	8.0	10.0	6.0	4.0	7.0	4.0	3.0	7.0	9.0	5.0	4.0	4.0	2.0	.0	3.0	4.0	2.0	8.0	5.0	-1.0	1.0	5.0	24	10.0
11	4.0	2.0	.0	5.0	6.0	4.0	4.0	5.0	7.0	7.0	6.0	5.0	4.0	2.0	.0	-1.0	4.0	4.0	4.0	3.0	3.0	11.0	9.0	8.0	24	11.0
12	6.0	5.0	6.0	4.0	6.0	14.0	7.0	6.0	12.0	11.0	11.0	16.0	9.0	12.0	8.0	8.0	6.0	4.0	3.0	2.0	2.0	3.0	5.0	5.0	24	16.0
13	4.0	5.0	6.0	4.0	5.0	4.0	6.0	8.0	10.0	9.0	6.0	8.0	6.0	9.0	6.0	7.0	6.0	10.0	6.0	6.0	6.0	8.0	6.0	1.0	24	10.0
14	7.0	5.0	2.0	1.0	2.0	4.0	3.0	7.0	8.0	10.0	9.0	14.0	13.0	11.0	16.0	12.0	10.0	16.0	13.0	9.0	11.0	14.0	18.0	13.0	24	18.0
15	12.0	10.0	12.0	17.0	14.0	19.0	7.0	15.0	18.0	12.0	18.0	23.0	22.0	17.0	18.0	10.0	6.0	8.0	6.0	9.0	6.0	11.0	14.0	11.0	24	23.0
16	14.0	7.0	5.0	4.0	5.0	6.0	9.0	11.0	7.0	16.0	AX	6.0	6.0	8.0	5.0	4.0	6.0	4.0	3.0	6.0	3.0	5.0	4.0	.0	23	16.0
17	6.0	5.0	4.0	10.0	5.0	2.0	3.0	2.0	1.0	.0	.0	4.0	5.0	3.0	1.0	.0	1.0	1.0	1.0	3.0	5.0	6.0	5.0	2.0	24	10.0
18	2.0	3.0	6.0	4.0	4.0	7.0	7.0	6.0	8.0	8.0	6.0	5.0	4.0	6.0	6.0	6.0	6.0	4.0	6.0	11.0	10.0	7.0	6.0	11.0	24	11.0
19	12.0	10.0	5.0	7.0	7.0	5.0	4.0	9.0	7.0	11.0	8.0	7.0	12.0	10.0	7.0	5.0	13.0	11.0	9.0	10.0	12.0	8.0	10.0	8.0	24	13.0
20	10.0	11.0	13.0	12.0	6.0	11.0	10.0	10.0	6.0	6.0	6.0	8.0	9.0	7.0	5.0	4.0	4.0	6.0	6.0	10.0	6.0	4.0	10.0	6.0	24	13.0
21	8.0	3.0	7.0	6.0	2.0	1.0	-1.0	5.0	5.0	1.0	.0	4.0	3.0	.0	-2.0	1.0	6.0	9.0	7.0	5.0	4.0	.0	.0	3.0	24	9.0
22	2.0	6.0	3.0	.0	3.0	4.0	7.0	4.0	-1.0	8.0	10.0	9.0	12.0	11.0	10.0	5.0	1.0	3.0	6.0	7.0	10.0	6.0	5.0	7.0	24	12.0
23	12.0	8.0	5.0	2.0	2.0	3.0	2.0	5.0	5.0	6.0	6.0	6.0	7.0	11.0	8.0	8.0	7.0	6.0	6.0	8.0	7.0	6.0	6.0	4.0	24	12.0
24	4.0	4.0	6.0	5.0	4.0	5.0	4.0	6.0	4.0	6.0	10.0	25.0	10.0	10.0	10.0	9.0	8.0	5.0	13.0	9.0	5.0	2.0	5.0	8.0	24	25.0
25	6.0	3.0	3.0	2.0	8.0	10.0	7.0	5.0	9.0	6.0	7.0	8.0	9.0	8.0	6.0	5.0	4.0	6.0	9.0	7.0	7.0	4.0	2.0	7.0	24	10.0
26	5.0	11.0	6.0	9.0	9.0	16.0	6.0	13.0	9.0	6.0	11.0	7.0	4.0	6.0	5.0	7.0	6.0	4.0	6.0	4.0	7.0	9.0	7.0	6.0	24	16.0
27	7.0	6.0	6.0	7.0	8.0	6.0	5.0	8.0	13.0	8.0	12.0	13.0	7.0	8.0	15.0	5.0	4.0	10.0	8.0	6.0	4.0	6.0	11.0	12.0	24	15.0
28	12.0	10.0	11.0	12.0	12.0	8.0	8.0	10.0	9.0	8.0	7.0	6.0	6.0	6.0	3.0	AN	AN	5.0	4.0	2.0	1.0	.0	3.0	6.0	22	12.0
29	3.0	4.0	5.0	6.0	5.0	5.0	3.0	5.0	4.0	7.0	5.0	2.0	1.0	2.0	3.0	6.0	7.0	8.0	5.0	3.0	5.0	4.0	5.0	6.0	24	8.0
30	5.0	4.0	5.0	4.0	4.0	4.0	7.0	8.0	8.0	7.0	5.0	1.0	1.0	4.0	2.0	-3.0	-2.0	2.0	1.0	.0	2.0	6.0	3.0	6.0	24	8.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	29	28	30	29	30	30	29	29	30	30	30	30	30	30	30		
MAX:	14.0	13.0	14.0	17.0	17.0	19.0	16.0	21.0	23.0	27.0	18.0	25.0	22.0	17.0	18.0	18.0	13.0	16.0	16.0	16.0	15.0	16.0	18.0	13.0		
AVG:	7.23	6.57	6.60	6.77	6.70	6.97	6.20	8.00	8.30	8.45	7.79	8.90	7.83	7.33	6.90	6.00	5.93	6.63	6.50	6.37	6.23	6.37	7.07	7.17		

MONTHLY OBSERVATIONS: 714 MONTHLY MEAN: 7.03 MONTHLY MAX: 27.0

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

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of 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 2017

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

DAY	HOUR 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	-2.0	2.0	.0	4.0	5.0	4.0	3.0	1.0	2.0	5.0	7.0	7.0	5.0	4.0	6.0	6.0	9.0	10.0	11.0	15.0	6.0	12.0	11.0	24	15.0
2	12.0	9.0	7.0	9.0	5.0	7.0	11.0	6.0	11.0	12.0	11.0	10.0	12.0	11.0	9.0	9.0	12.0	11.0	13.0	16.0	10.0	6.0	12.0	8.0	24	16.0
3	7.0	6.0	16.0	11.0	10.0	14.0	9.0	9.0	10.0	9.0	AX	BA	11.0	8.0	13.0	11.0	11.0	9.0	10.0	8.0	10.0	11.0	6.0	8.0	22	16.0
4	13.0	7.0	2.0	5.0	7.0	6.0	8.0	10.0	16.0	9.0	7.0	10.0	14.0	16.0	12.0	14.0	12.0	8.0	9.0	11.0	10.0	6.0	15.0	17.0	24	17.0
5	18.0	17.0	14.0	17.0	17.0	10.0	15.0	17.0	16.0	13.0	10.0	11.0	9.0	13.0	10.0	6.0	9.0	10.0	9.0	17.0	19.0	15.0	10.0	14.0	24	19.0
6	13.0	9.0	6.0	9.0	14.0	9.0	10.0	21.0	19.0	24.0	28.0	29.0	26.0	24.0	17.0	12.0	17.0	16.0	20.0	15.0	16.0	7.0	8.0	10.0	24	29.0
7	15.0	17.0	20.0	16.0	15.0	14.0	10.0	17.0	11.0	13.0	12.0	12.0	11.0	10.0	7.0	6.0	8.0	10.0	15.0	15.0	12.0	17.0	16.0	12.0	24	20.0
8	10.0	16.0	7.0	6.0	7.0	10.0	15.0	13.0	8.0	7.0	9.0	6.0	6.0	6.0	7.0	6.0	6.0	7.0	5.0	6.0	7.0	9.0	6.0	5.0	24	16.0
9	3.0	5.0	16.0	6.0	9.0	5.0	5.0	6.0	6.0	10.0	11.0	8.0	6.0	10.0	12.0	10.0	8.0	8.0	4.0	6.0	8.0	11.0	6.0	7.0	24	16.0
10	5.0	8.0	5.0	11.0	6.0	4.0	5.0	6.0	7.0	9.0	6.0	4.0	6.0	2.0	-1.0	5.0	7.0	5.0	7.0	6.0	4.0	4.0	4.0	8.0	24	11.0
11	5.0	4.0	3.0	1.0	9.0	12.0	6.0	4.0	6.0	7.0	7.0	7.0	6.0	6.0	5.0	4.0	9.0	7.0	6.0	5.0	7.0	6.0	6.0	8.0	24	12.0
12	3.0	4.0	8.0	5.0	1.0	-2.0	1.0	6.0	6.0	6.0	7.0	5.0	6.0	9.0	9.0	7.0	4.0	7.0	9.0	7.0	3.0	4.0	9.0	5.0	24	9.0
13	6.0	6.0	4.0	3.0	11.0	7.0	8.0	4.0	3.0	3.0	6.0	7.0	5.0	7.0	6.0	6.0	5.0	5.0	4.0	1.0	1.0	3.0	2.0	3.0	24	11.0
14	3.0	2.0	2.0	.0	-3.0	-1.0	.0	5.0	8.0	5.0	2.0	4.0	4.0	5.0	4.0	4.0	5.0	2.0	4.0	5.0	4.0	6.0	5.0	2.0	24	8.0
15	3.0	-1.0	.0	.0	1.0	2.0	1.0	2.0	1.0	4.0	6.0	8.0	10.0	6.0	6.0	7.0	11.0	7.0	8.0	6.0	6.0	4.0	6.0	4.0	24	11.0
16	3.0	2.0	1.0	11.0	9.0	12.0	8.0	8.0	4.0	8.0	7.0	7.0	5.0	4.0	8.0	11.0	10.0	7.0	9.0	9.0	7.0	3.0	1.0	7.0	24	12.0
17	5.0	3.0	4.0	1.0	5.0	4.0	6.0	4.0	3.0	5.0	AX	5.0	3.0	1.0	3.0	8.0	7.0	8.0	8.0	8.0	5.0	6.0	7.0	5.0	23	8.0
18	1.0	1.0	1.0	-2.0	-2.0	8.0	7.0	5.0	1.0	1.0	.0	-2.0	1.0	6.0	4.0	.0	-2.0	1.0	2.0	2.0	2.0	4.0	6.0	4.0	24	8.0
19	.0	5.0	4.0	3.0	3.0	.0	3.0	3.0	5.0	8.0	3.0	1.0	6.0	6.0	3.0	2.0	5.0	5.0	5.0	6.0	4.0	1.0	5.0	5.0	24	8.0
20	4.0	5.0	4.0	6.0	10.0	6.0	5.0	10.0	15.0	8.0	5.0	9.0	9.0	7.0	8.0	14.0	9.0	7.0	4.0	11.0	14.0	9.0	7.0	6.0	24	15.0
21	4.0	.0	2.0	2.0	.0	14.0	12.0	8.0	14.0	13.0	13.0	15.0	9.0	11.0	12.0	8.0	10.0	11.0	8.0	8.0	5.0	6.0	7.0	5.0	24	15.0
22	9.0	5.0	3.0	6.0	6.0	6.0	6.0	5.0	4.0	6.0	3.0	7.0	8.0	7.0	9.0	9.0	6.0	6.0	7.0	5.0	8.0	7.0	6.0	9.0	24	9.0
23	5.0	4.0	6.0	6.0	9.0	6.0	2.0	2.0	8.0	7.0	9.0	12.0	10.0	13.0	13.0	10.0	14.0	12.0	13.0	12.0	11.0	11.0	6.0	8.0	24	14.0
24	5.0	6.0	4.0	5.0	5.0	5.0	6.0	8.0	7.0	7.0	5.0	8.0	7.0	9.0	11.0	8.0	7.0	14.0	11.0	12.0	11.0	10.0	9.0	6.0	24	14.0
25	4.0	2.0	4.0	8.0	5.0	4.0	9.0	9.0	10.0	16.0	8.0	9.0	10.0	12.0	11.0	10.0	10.0	12.0	11.0	12.0	12.0	13.0	14.0	9.0	24	16.0
26	14.0	11.0	3.0	10.0	9.0	11.0	8.0	6.0	6.0	5.0	7.0	5.0	10.0	11.0	11.0	7.0	4.0	6.0	5.0	5.0	6.0	4.0	2.0	4.0	24	14.0
27	4.0	.0	-1.0	1.0	4.0	3.0	2.0	4.0	6.0	4.0	2.0	1.0	1.0	3.0	5.0	5.0	6.0	5.0	3.0	7.0	6.0	7.0	5.0	5.0	24	7.0
28	5.0	5.0	6.0	5.0	8.0	6.0	1.0	5.0	7.0	9.0	8.0	7.0	4.0	6.0	8.0	13.0	13.0	12.0	11.0	13.0	13.0	9.0	13.0	10.0	24	13.0
29	10.0	15.0	14.0	16.0	16.0	11.0	11.0	11.0	14.0	13.0	12.0	16.0	4.0	6.0	12.0	6.0	3.0	4.0	9.0	6.0	5.0	1.0	-2.0	-1.0	24	16.0
30	3.0	2.0	2.0	5.0	6.0	6.0	5.0	4.0	8.0	6.0	8.0	5.0	5.0	7.0	7.0	7.0	7.0	6.0	7.0	5.0	4.0	8.0	7.0	4.0	24	8.0
31	6.0	6.0	8.0	10.0	8.0	10.0	10.0	9.0	10.0	7.0	8.0	7.0	5.0	6.0	4.0	3.0	5.0	2.0	2.0	4.0	4.0	6.0	7.0	6.0	24	10.0
NO.:	31	31	31	31	31	31	31	31	31	31	29	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	18.0	17.0	20.0	17.0	17.0	14.0	15.0	21.0	19.0	24.0	28.0	29.0	26.0	24.0	17.0	14.0	17.0	16.0	20.0	17.0	19.0	17.0	16.0	17.0		
AVG:	6.45	5.77	5.71	6.19	6.90	6.90	6.74	7.42	8.10	8.26	7.76	8.00	7.61	8.16	8.03	7.55	7.87	7.71	8.00	8.39	8.03	7.10	7.19	6.90		

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: 7.36 MONTHLY MAX: 29.0

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

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of 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 2017

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

DAY	HOUR 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	5.0	4.0	7.0	8.0	10.0	6.0	AX	BA	BA	5.0	4.0	2.0	2.0	1.0	6.0	2.0	AN	AN	AN	AN	AN	3.0	16	10.0
2	3.0	3.0	4.0	3.0	6.0	4.0	6.0	6.0	5.0	6.0	7.0	7.0	5.0	5.0	6.0	4.0	5.0	5.0	2.0	AN	.0	2.0	3.0	2.0	23	7.0
3	2.0	2.0	3.0	4.0	6.0	8.0	6.0	5.0	4.0	9.0	10.0	8.0	5.0	3.0	2.0	.0	1.0	3.0	2.0	3.0	2.0	-1.0	.0	3.0	24	10.0
4	3.0	1.0	2.0	4.0	3.0	5.0	7.0	4.0	4.0	5.0	18.0	6.0	5.0	8.0	6.0	2.0	3.0	4.0	4.0	5.0	5.0	2.0	1.0	3.0	24	18.0
5	5.0	4.0	3.0	5.0	7.0	10.0	6.0	1.0	2.0	5.0	6.0	4.0	1.0	6.0	4.0	6.0	6.0	8.0	8.0	5.0	7.0	4.0	4.0	3.0	24	10.0
6	4.0	5.0	4.0	7.0	8.0	6.0	8.0	12.0	12.0	7.0	10.0	9.0	6.0	14.0	15.0	12.0	12.0	11.0	10.0	12.0	9.0	5.0	8.0	7.0	24	15.0
7	11.0	8.0	17.0	8.0	9.0	14.0	9.0	10.0	11.0	13.0	18.0	15.0	13.0	8.0	18.0	10.0	7.0	11.0	8.0	5.0	9.0	9.0	7.0	11.0	24	18.0
8	9.0	12.0	12.0	14.0	11.0	10.0	7.0	8.0	9.0	6.0	6.0	8.0	11.0	6.0	6.0	3.0	4.0	1.0	2.0	7.0	2.0	2.0	4.0	1.0	24	14.0
9	3.0	1.0	1.0	4.0	1.0	-3.0	1.0	.0	-1.0	2.0	3.0	4.0	4.0	4.0	9.0	12.0	8.0	7.0	5.0	3.0	12.0	7.0	6.0	6.0	24	12.0
10	6.0	4.0	4.0	5.0	6.0	6.0	7.0	8.0	11.0	8.0	7.0	4.0	5.0	6.0	4.0	.0	-1.0	-1.0	2.0	4.0	3.0	3.0	10.0	6.0	24	11.0
11	3.0	1.0	6.0	4.0	6.0	1.0	2.0	3.0	2.0	2.0	2.0	4.0	7.0	6.0	3.0	-1.0	2.0	4.0	2.0	2.0	.0	-2.0	1.0	4.0	24	7.0
12	.0	1.0	3.0	1.0	3.0	3.0	1.0	6.0	4.0	1.0	6.0	6.0	6.0	5.0	8.0	4.0	6.0	4.0	2.0	7.0	8.0	6.0	9.0	8.0	24	9.0
13	6.0	6.0	7.0	7.0	6.0	6.0	8.0	9.0	9.0	12.0	11.0	12.0	9.0	5.0	4.0	9.0	10.0	6.0	5.0	8.0	6.0	5.0	6.0	2.0	24	12.0
14	3.0	2.0	2.0	4.0	5.0	3.0	2.0	2.0	4.0	10.0	7.0	4.0	5.0	6.0	6.0	3.0	4.0	6.0	3.0	3.0	5.0	5.0	5.0	4.0	24	10.0
15	3.0	3.0	1.0	3.0	5.0	7.0	6.0	6.0	7.0	11.0	11.0	7.0	13.0	12.0	10.0	11.0	7.0	8.0	6.0	10.0	12.0	8.0	10.0	9.0	24	13.0
16	9.0	8.0	9.0	8.0	7.0	14.0	11.0	12.0	14.0	11.0	10.0	7.0	5.0	10.0	6.0	6.0	11.0	13.0	11.0	8.0	6.0	7.0	7.0	4.0	24	14.0
17	8.0	12.0	8.0	11.0	8.0	8.0	6.0	8.0	11.0	10.0	10.0	8.0	12.0	9.0	7.0	8.0	8.0	9.0	6.0	4.0	7.0	7.0	9.0	9.0	24	12.0
18	9.0	6.0	12.0	11.0	13.0	13.0	10.0	11.0	AN	8.0	13.0	14.0	11.0	9.0	8.0	10.0	12.0	8.0	7.0	9.0	5.0	5.0	4.0	6.0	23	14.0
19	12.0	12.0	8.0	11.0	8.0	7.0	9.0	16.0	13.0	11.0	12.0	11.0	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	12	16.0
20	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	
21	AV	AV	AV	AV	AV	AV	AV	AV	BA	BA	-5.0	.0	2.0	.0	1.0	-1.0	-1.0	3.0	3.0	7.0	7.0	3.0	.0	3.0	14	7.0
22	.0	1.0	3.0	3.0	2.0	4.0	4.0	-2.0	-4.0	2.0	5.0	AZ	AZ	AZ	.0	2.0	6.0	5.0	4.0	3.0	.0	1.0	2.0	-1.0	21	6.0
23	1.0	2.0	1.0	4.0	6.0	11.0	15.0	13.0	11.0	10.0	16.0	12.0	10.0	11.0	9.0	9.0	12.0	13.0	8.0	10.0	12.0	8.0	5.0	1.0	24	16.0
24	.0	4.0	5.0	3.0	5.0	3.0	2.0	.0	9.0	9.0	7.0	11.0	10.0	11.0	8.0	11.0	7.0	8.0	8.0	7.0	4.0	8.0	9.0	6.0	24	11.0
25	9.0	8.0	6.0	14.0	7.0	8.0	9.0	5.0	5.0	7.0	9.0	8.0	7.0	8.0	9.0	9.0	6.0	8.0	8.0	6.0	9.0	6.0	4.0	7.0	24	14.0
26	7.0	8.0	13.0	8.0	13.0	9.0	6.0	7.0	8.0	10.0	8.0	8.0	9.0	8.0	11.0	9.0	11.0	9.0	7.0	7.0	11.0	8.0	10.0	11.0	24	13.0
27	12.0	12.0	9.0	8.0	11.0	6.0	5.0	9.0	8.0	8.0	7.0	5.0	5.0	7.0	10.0	8.0	7.0	9.0	4.0	5.0	9.0	9.0	7.0	7.0	24	12.0
28	5.0	3.0	4.0	6.0	9.0	7.0	8.0	7.0	8.0	5.0	6.0	11.0	7.0	4.0	8.0	7.0	6.0	9.0	6.0	2.0	4.0	4.0	3.0	5.0	24	11.0
29	5.0	.0	2.0	4.0	2.0	4.0	1.0	-2.0	.0	1.0	1.0	2.0	2.0	3.0	2.0	3.0	2.0	.0	4.0	4.0	3.0	6.0	6.0	4.0	24	6.0
30	3.0	5.0	6.0	5.0	4.0	4.0	5.0	4.0	6.0	5.0	6.0	4.0	1.0	1.0	2.0	2.0	7.0	10.0	8.0	6.0	4.0	3.0	7.0	6.0	24	10.0
31	6.0	5.0	6.0	5.0	3.0	6.0	5.0	4.0	4.0	8.0	6.0	4.0	5.0	4.0	4.0	10.0	8.0	9.0	9.0	8.0	8.0	5.0	3.0	4.0	24	10.0
NO.:	29	29	29	29	29	29	29	29	27	28	29	29	28	28	29	29	29	29	28	27	28	28	28	29		
MAX:	12.0	12.0	17.0	14.0	13.0	14.0	15.0	16.0	14.0	13.0	18.0	15.0	13.0	14.0	18.0	12.0	12.0	13.0	11.0	12.0	12.0	9.0	10.0	11.0		
AVG:	5.10	4.83	5.72	6.14	6.45	6.62	6.28	6.14	6.52	7.21	8.03	7.17	6.61	6.46	6.48	5.83	6.28	6.62	5.50	5.93	6.04	4.82	5.36	4.97		

MONTHLY OBSERVATIONS: 685 MONTHLY MEAN: 6.13 MONTHLY 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.

(88101) PM2.5 - Local Conditions

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

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of 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 2017

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

DAY	HOUR 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	9.0	9.0	5.0	12.0	8.0	4.0	4.0	9.0	10.0	7.0	AX	BA	10.0	14.0	9.0	12.0	12.0	9.0	8.0	4.0	7.0	8.0	15.0	12.0	22	15.0
2	8.0	6.0	12.0	7.0	8.0	8.0	4.0	2.0	5.0	1.0	-3.0	-1.0	2.0	4.0	5.0	3.0	1.0	-1.0	7.0	5.0	1.0	7.0	7.0	5.0	24	12.0
3	5.0	3.0	7.0	6.0	6.0	7.0	5.0	6.0	11.0	15.0	18.0	17.0	7.0	6.0	4.0	4.0	3.0	2.0	2.0	3.0	5.0	6.0	6.0	5.0	24	18.0
4	5.0	6.0	8.0	6.0	3.0	2.0	6.0	4.0	11.0	16.0	13.0	11.0	AV	AV	AV	5.0	4.0	8.0	10.0	9.0	10.0	15.0	11.0	9.0	21	16.0
5	8.0	8.0	12.0	10.0	9.0	9.0	5.0	10.0	11.0	11.0	13.0	9.0	6.0	3.0	7.0	5.0	9.0	8.0	7.0	8.0	7.0	4.0	4.0	4.0	24	13.0
6	4.0	6.0	10.0	7.0	8.0	4.0	1.0	1.0	2.0	2.0	5.0	6.0	8.0	4.0	1.0	5.0	8.0	6.0	4.0	4.0	5.0	6.0	10.0	20.0	24	20.0
7	15.0	17.0	16.0	14.0	18.0	13.0	15.0	11.0	13.0	14.0	AN	2.0	4.0	4.0	8.0	9.0	7.0	6.0	5.0	3.0	5.0	6.0	4.0	7.0	23	18.0
8	6.0	3.0	3.0	5.0	5.0	5.0	5.0	5.0	6.0	8.0	6.0	3.0	2.0	3.0	4.0	2.0	.0	3.0	3.0	1.0	8.0	7.0	6.0	3.0	24	8.0
9	7.0	6.0	5.0	6.0	5.0	5.0	5.0	4.0	4.0	5.0	3.0	.0	1.0	3.0	.0	1.0	4.0	5.0	6.0	3.0	6.0	5.0	2.0	4.0	24	7.0
10	5.0	5.0	2.0	1.0	5.0	5.0	4.0	5.0	4.0	4.0	5.0	4.0	7.0	6.0	4.0	7.0	5.0	3.0	.0	4.0	4.0	1.0	4.0	5.0	24	7.0
11	6.0	4.0	5.0	6.0	7.0	5.0	3.0	2.0	3.0	6.0	4.0	2.0	9.0	6.0	3.0	5.0	6.0	3.0	2.0	3.0	2.0	3.0	2.0	5.0	24	9.0
12	8.0	9.0	11.0	10.0	6.0	.0	1.0	7.0	4.0	4.0	3.0	.0	1.0	6.0	3.0	2.0	3.0	3.0	6.0	4.0	2.0	1.0	5.0	5.0	24	11.0
13	2.0	3.0	1.0	.0	4.0	3.0	5.0	4.0	3.0	4.0	6.0	6.0	7.0	5.0	6.0	4.0	4.0	6.0	6.0	5.0	3.0	7.0	8.0	5.0	24	8.0
14	4.0	1.0	.0	2.0	3.0	3.0	4.0	2.0	8.0	11.0	7.0	6.0	6.0	7.0	4.0	3.0	2.0	5.0	6.0	6.0	4.0	.0	3.0	6.0	24	11.0
15	9.0	6.0	3.0	10.0	9.0	7.0	7.0	5.0	9.0	AX	1.0	6.0	6.0	9.0	11.0	15.0	11.0	11.0	10.0	10.0	14.0	15.0	9.0	12.0	23	15.0
16	12.0	16.0	15.0	9.0	17.0	12.0	7.0	5.0	6.0	11.0	10.0	10.0	8.0	7.0	13.0	9.0	10.0	7.0	10.0	11.0	9.0	6.0	7.0	10.0	24	17.0
17	10.0	6.0	6.0	10.0	12.0	13.0	13.0	10.0	8.0	8.0	7.0	5.0	4.0	4.0	8.0	8.0	7.0	7.0	6.0	2.0	4.0	6.0	4.0	4.0	24	13.0
18	4.0	4.0	6.0	5.0	5.0	6.0	5.0	2.0	6.0	10.0	9.0	6.0	9.0	14.0	9.0	9.0	12.0	15.0	12.0	11.0	10.0	10.0	8.0	8.0	24	15.0
19	5.0	4.0	6.0	7.0	6.0	6.0	4.0	9.0	8.0	14.0	14.0	10.0	10.0	14.0	14.0	12.0	13.0	11.0	12.0	12.0	11.0	13.0	10.0	9.0	24	14.0
20	14.0	12.0	11.0	11.0	13.0	8.0	12.0	10.0	11.0	16.0	12.0	10.0	9.0	9.0	6.0	4.0	5.0	5.0	6.0	11.0	17.0	18.0	18.0	19.0	24	19.0
21	15.0	11.0	15.0	10.0	10.0	10.0	12.0	9.0	19.0	14.0	13.0	13.0	12.0	16.0	12.0	13.0	16.0	3.0	6.0	6.0	5.0	11.0	8.0	7.0	24	19.0
22	6.0	8.0	7.0	6.0	4.0	3.0	6.0	6.0	11.0	8.0	15.0	16.0	14.0	11.0	8.0	6.0	7.0	8.0	7.0	8.0	9.0	12.0	7.0	7.0	24	16.0
23	11.0	7.0	6.0	8.0	7.0	4.0	4.0	5.0	7.0	13.0	11.0	15.0	9.0	10.0	11.0	7.0	16.0	14.0	14.0	10.0	13.0	9.0	10.0	12.0	24	16.0
24	8.0	8.0	11.0	7.0	11.0	7.0	5.0	5.0	3.0	3.0	4.0	4.0	2.0	1.0	2.0	3.0	3.0	4.0	3.0	5.0	AN	3.0	1.0	5.0	23	11.0
25	5.0	7.0	4.0	4.0	6.0	5.0	4.0	2.0	3.0	5.0	5.0	3.0	6.0	6.0	4.0	2.0	1.0	5.0	3.0	-1.0	1.0	.0	-2.0	-1.0	24	7.0
26	2.0	3.0	4.0	1.0	8.0	4.0	-1.0	2.0	1.0	.0	.0	1.0	5.0	4.0	6.0	5.0	6.0	10.0	8.0	4.0	2.0	5.0	8.0	7.0	24	10.0
27	8.0	6.0	4.0	2.0	3.0	7.0	6.0	6.0	5.0	4.0	11.0	6.0	2.0	4.0	5.0	4.0	4.0	9.0	6.0	6.0	7.0	6.0	10.0	8.0	24	11.0
28	6.0	6.0	7.0	8.0	8.0	8.0	8.0	10.0	8.0	8.0	13.0	14.0	11.0	12.0	7.0	6.0	10.0	9.0	8.0	6.0	12.0	10.0	11.0	11.0	24	14.0
29	12.0	17.0	16.0	21.0	9.0	6.0	7.0	7.0	7.0	4.0	4.0	8.0	6.0	4.0	2.0	4.0	7.0	6.0	5.0	2.0	.0	2.0	5.0	4.0	24	21.0
30	5.0	2.0	3.0	3.0	5.0	4.0	5.0	6.0	6.0	10.0	8.0	6.0	8.0	6.0	4.0	6.0	6.0	6.0	4.0	5.0	6.0	5.0	2.0	-1.0	24	10.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	29	28	29	29	29	29	30	30	30	30	30	29	30	30	30		
MAX:	15.0	17.0	16.0	21.0	18.0	13.0	15.0	11.0	19.0	16.0	18.0	17.0	14.0	16.0	14.0	15.0	16.0	15.0	14.0	12.0	17.0	18.0	18.0	20.0		
AVG:	7.47	6.97	7.37	7.13	7.60	6.10	5.70	5.70	7.10	8.14	7.75	6.83	6.59	6.97	6.21	6.00	6.73	6.53	6.40	5.67	6.52	6.90	6.77	7.20		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: 6.76 MONTHLY MAX: 21.0

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

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of 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: OCTOBER 2017

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

DAY	HOUR 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	3.0	AN	2.0	2.0	4.0	4.0	4.0	2.0	2.0	1.0	4.0	5.0	2.0	3.0	4.0	3.0	6.0	5.0	4.0	2.0	.0	1.0	2.0	4.0	23	6.0
2	4.0	4.0	3.0	3.0	6.0	3.0	1.0	2.0	4.0	4.0	5.0	3.0	2.0	3.0	3.0	4.0	3.0	3.0	5.0	3.0	5.0	4.0	.0	3.0	24	6.0
3	3.0	1.0	2.0	4.0	7.0	5.0	3.0	4.0	3.0	6.0	5.0	3.0	1.0	1.0	4.0	4.0	3.0	1.0	.0	2.0	1.0	.0	4.0	5.0	24	7.0
4	1.0	1.0	3.0	6.0	6.0	4.0	3.0	2.0	1.0	1.0	3.0	9.0	6.0	2.0	4.0	7.0	4.0	5.0	6.0	5.0	4.0	2.0	3.0	.0	24	9.0
5	-1.0	1.0	5.0	4.0	3.0	3.0	4.0	2.0	.0	2.0	8.0	AX	BA	1.0	10.0	6.0	-1.0	-1.0	-2.0	-1.0	.0	2.0	1.0	-1.0	22	10.0
6	.0	-1.0	-2.0	1.0	4.0	2.0	2.0	6.0	4.0	6.0	6.0	7.0	5.0	3.0	6.0	10.0	5.0	.0	3.0	1.0	-1.0	.0	3.0	2.0	24	10.0
7	-2.0	1.0	6.0	3.0	3.0	2.0	3.0	1.0	1.0	2.0	5.0	10.0	6.0	7.0	14.0	17.0	3.0	5.0	8.0	7.0	9.0	8.0	5.0	7.0	24	17.0
8	6.0	3.0	4.0	4.0	5.0	4.0	2.0	2.0	7.0	9.0	5.0	5.0	9.0	16.0	10.0	6.0	5.0	9.0	7.0	5.0	4.0	6.0	7.0	9.0	24	16.0
9	8.0	7.0	9.0	8.0	7.0	4.0	1.0	1.0	4.0	5.0	4.0	3.0	2.0	4.0	3.0	2.0	2.0	1.0	2.0	2.0	3.0	7.0	6.0	4.0	24	9.0
10	3.0	4.0	5.0	4.0	2.0	-1.0	-2.0	-2.0	2.0	5.0	9.0	10.0	5.0	.0	.0	4.0	4.0	.0	3.0	3.0	4.0	3.0	-1.0	7.0	24	10.0
11	8.0	5.0	7.0	6.0	6.0	4.0	4.0	6.0	6.0	9.0	5.0	5.0	7.0	6.0	7.0	3.0	1.0	3.0	9.0	8.0	8.0	8.0	4.0	-1.0	24	9.0
12	.0	.0	3.0	2.0	.0	.0	3.0	3.0	9.0	9.0	9.0	7.0	7.0	12.0	14.0	8.0	7.0	9.0	7.0	5.0	12.0	13.0	11.0	7.0	24	14.0
13	11.0	7.0	4.0	5.0	5.0	3.0	-1.0	-3.0	.0	2.0	4.0	3.0	5.0	2.0	5.0	7.0	4.0	1.0	4.0	3.0	.0	1.0	3.0	2.0	24	11.0
14	.0	-1.0	1.0	.0	.0	.0	3.0	3.0	2.0	3.0	4.0	2.0	1.0	1.0	5.0	3.0	3.0	5.0	6.0	7.0	3.0	7.0	5.0	4.0	24	7.0
15	4.0	5.0	4.0	9.0	7.0	5.0	6.0	5.0	7.0	11.0	7.0	4.0	3.0	3.0	11.0	7.0	3.0	10.0	6.0	10.0	6.0	6.0	4.0	3.0	24	11.0
16	7.0	8.0	5.0	2.0	3.0	3.0	2.0	4.0	4.0	4.0	5.0	10.0	8.0	10.0	9.0	4.0	.0	-1.0	.0	5.0	4.0	3.0	4.0	8.0	24	10.0
17	5.0	3.0	6.0	5.0	6.0	6.0	7.0	7.0	7.0	5.0	.0	AX	6.0	5.0	3.0	6.0	5.0	4.0	5.0	6.0	6.0	4.0	5.0	6.0	23	7.0
18	5.0	8.0	5.0	5.0	6.0	7.0	8.0	5.0	AN	5.0	3.0	.0	-1.0	3.0	4.0	8.0	5.0	2.0	2.0	1.0	1.0	1.0	2.0	4.0	23	8.0
19	6.0	6.0	4.0	2.0	5.0	5.0	5.0	4.0	3.0	3.0	4.0	2.0	1.0	2.0	2.0	1.0	1.0	.0	.0	2.0	4.0	3.0	1.0	2.0	24	6.0
20	1.0	1.0	4.0	3.0	5.0	5.0	4.0	6.0	AN	AN	AN	6.0	5.0	3.0	3.0	1.0	.0	AN	AN	6.0	5.0	6.0	8.0	10.0	19	10.0
21	9.0	10.0	7.0	11.0	14.0	9.0	11.0	12.0	7.0	4.0	5.0	9.0	9.0	7.0	4.0	6.0	5.0	2.0	3.0	8.0	5.0	2.0	6.0	5.0	24	14.0
22	6.0	8.0	7.0	8.0	9.0	9.0	12.0	10.0	8.0	7.0	5.0	5.0	4.0	3.0	5.0	3.0	-1.0	-1.0	2.0	4.0	2.0	4.0	6.0	5.0	24	12.0
23	7.0	5.0	6.0	3.0	5.0	4.0	3.0	3.0	2.0	3.0	2.0	5.0	6.0	11.0	5.0	.0	4.0	3.0	.0	5.0	8.0	17.0	5.0	4.0	24	17.0
24	2.0	2.0	4.0	4.0	4.0	1.0	2.0	4.0	3.0	4.0	3.0	4.0	3.0	3.0	5.0	6.0	4.0	3.0	2.0	2.0	7.0	5.0	4.0	3.0	24	7.0
25	4.0	5.0	5.0	5.0	7.0	5.0	5.0	8.0	6.0	11.0	6.0	1.0	6.0	5.0	7.0	6.0	3.0	.0	AN	14.0	9.0	4.0	AN	AN	21	14.0
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	0	
27	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	2.0	.0	2.0	2.0	-1.0	1.0	4.0	1.0	2.0	4.0	5.0	7.0	5.0	4.0	14	7.0
28	6.0	6.0	10.0	6.0	4.0	6.0	4.0	5.0	6.0	3.0	-1.0	1.0	7.0	6.0	4.0	2.0	2.0	1.0	-1.0	-2.0	-2.0	-1.0	1.0	.0	24	10.0
29	.0	4.0	3.0	.0	.0	1.0	.0	.0	.0	-1.0	-1.0	3.0	1.0	3.0	3.0	6.0	5.0	7.0	8.0	6.0	5.0	4.0	4.0	4.0	24	8.0
30	7.0	6.0	9.0	7.0	4.0	3.0	8.0	6.0	.0	1.0	4.0	2.0	.0	.0	-3.0	-1.0	1.0	.0	3.0	7.0	8.0	5.0	7.0	5.0	24	9.0
31	5.0	4.0	6.0	6.0	4.0	7.0	8.0	5.0	4.0	6.0	5.0	4.0	4.0	3.0	6.0	10.0	9.0	5.0	8.0	7.0	9.0	9.0	9.0	11.0	24	11.0
NO.:	29	28	29	29	29	29	29	29	27	28	29	28	29	30	30	30	30	29	28	30	30	30	29	29		
MAX:	11.0	10.0	10.0	11.0	14.0	9.0	12.0	12.0	9.0	11.0	9.0	10.0	9.0	16.0	14.0	17.0	9.0	10.0	9.0	14.0	12.0	17.0	11.0	11.0		
AVG:	4.07	4.04	4.72	4.41	4.86	3.90	3.97	3.90	3.78	4.64	4.31	4.57	4.21	4.33	5.20	5.00	3.30	2.83	3.64	4.57	4.47	4.70	4.28	4.34		

MONTHLY OBSERVATIONS: 697 MONTHLY MEAN: 4.26 MONTHLY MAX: 17.0

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

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of 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 2017

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

DAY	HOUR 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	9.0	5.0	6.0	7.0	9.0	9.0	12.0	9.0	8.0	4.0	3.0	4.0	6.0	4.0	8.0	7.0	7.0	5.0	2.0	4.0	2.0	.0	4.0	7.0	24	12.0
2	5.0	5.0	4.0	5.0	8.0	6.0	6.0	4.0	1.0	1.0	AX	BA	4.0	7.0	3.0	3.0	1.0	-3.0	2.0	5.0	3.0	-2.0	-2.0	1.0	22	8.0
3	.0	4.0	4.0	1.0	4.0	4.0	2.0	4.0	.0	.0	8.0	6.0	4.0	3.0	4.0	4.0	4.0	3.0	1.0	4.0	7.0	12.0	9.0	9.0	24	12.0
4	12.0	8.0	8.0	7.0	12.0	9.0	12.0	12.0	9.0	12.0	15.0	9.0	6.0	5.0	5.0	8.0	8.0	6.0	6.0	9.0	9.0	8.0	7.0	6.0	24	15.0
5	6.0	8.0	9.0	6.0	5.0	4.0	3.0	5.0	4.0	2.0	1.0	1.0	3.0	3.0	4.0	5.0	5.0	5.0	2.0	4.0	3.0	5.0	4.0	5.0	24	9.0
6	6.0	5.0	5.0	8.0	7.0	6.0	11.0	8.0	9.0	5.0	11.0	9.0	8.0	6.0	4.0	2.0	5.0	6.0	6.0	4.0	6.0	9.0	11.0	6.0	24	11.0
7	4.0	7.0	6.0	6.0	12.0	7.0	3.0	5.0	6.0	8.0	10.0	14.0	12.0	21.0	17.0	14.0	11.0	9.0	9.0	12.0	12.0	12.0	14.0	12.0	24	21.0
8	18.0	15.0	11.0	7.0	6.0	5.0	5.0	3.0	1.0	2.0	1.0	2.0	2.0	4.0	6.0	3.0	3.0	5.0	5.0	4.0	3.0	3.0	.0	.0	24	18.0
9	3.0	3.0	1.0	1.0	-1.0	-1.0	1.0	2.0	3.0	3.0	3.0	.0	1.0	1.0	1.0	5.0	3.0	.0	1.0	2.0	1.0	-1.0	2.0	2.0	24	5.0
10	1.0	1.0	4.0	4.0	2.0	3.0	5.0	6.0	5.0	4.0	1.0	-1.0	1.0	3.0	4.0	3.0	5.0	6.0	5.0	7.0	8.0	14.0	11.0	8.0	24	14.0
11	9.0	6.0	4.0	6.0	6.0	5.0	6.0	5.0	6.0	8.0	8.0	5.0	3.0	4.0	3.0	1.0	1.0	2.0	5.0	5.0	4.0	5.0	3.0	4.0	24	9.0
12	4.0	6.0	5.0	4.0	2.0	5.0	4.0	5.0	5.0	3.0	2.0	.0	-1.0	-2.0	5.0	5.0	3.0	4.0	4.0	7.0	9.0	7.0	4.0	5.0	24	9.0
13	5.0	6.0	8.0	8.0	4.0	6.0	7.0	6.0	9.0	15.0	10.0	5.0	4.0	1.0	-1.0	2.0	3.0	5.0	4.0	4.0	6.0	6.0	15.0	11.0	24	15.0
14	9.0	16.0	16.0	15.0	13.0	17.0	16.0	12.0	18.0	14.0	11.0	7.0	4.0	8.0	6.0	2.0	4.0	11.0	13.0	9.0	14.0	9.0	13.0	9.0	24	18.0
15	8.0	19.0	14.0	13.0	12.0	10.0	8.0	10.0	12.0	10.0	8.0	8.0	9.0	5.0	-1.0	6.0	8.0	7.0	5.0	21.0	18.0	11.0	9.0	14.0	24	21.0
16	12.0	14.0	10.0	12.0	11.0	13.0	16.0	9.0	15.0	12.0	10.0	AZ	BA	BC	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	11	16.0
17	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
18	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
19	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
20	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	12.0	AN	-5.0	-5.0	-2.0	-4.0	AN	AN	AN	AN	.0	6	12.0
21	9.0	5.0	-2.0	-2.0	-1.0	2.0	1.0	-2.0	.0	2.0	14.0	7.0	2.0	-2.0	.0	2.0	.0	.0	1.0	1.0	.0	.0	.0	-1.0	24	14.0
22	-1.0	-1.0	-1.0	3.0	2.0	.0	4.0	5.0	3.0	4.0	3.0	6.0	5.0	3.0	3.0	2.0	5.0	6.0	4.0	7.0	8.0	6.0	5.0	5.0	24	8.0
23	6.0	4.0	8.0	6.0	4.0	5.0	4.0	3.0	3.0	3.0	4.0	3.0	2.0	3.0	2.0	5.0	5.0	2.0	3.0	3.0	3.0	5.0	5.0	5.0	24	8.0
24	5.0	4.0	5.0	4.0	3.0	6.0	5.0	4.0	3.0	3.0	2.0	.0	-1.0	.0	.0	-1.0	7.0	7.0	4.0	2.0	5.0	5.0	5.0	5.0	24	7.0
25	4.0	4.0	4.0	6.0	8.0	9.0	11.0	9.0	6.0	8.0	9.0	6.0	2.0	2.0	3.0	6.0	5.0	5.0	8.0	10.0	12.0	13.0	14.0	12.0	24	14.0
26	11.0	8.0	11.0	14.0	11.0	12.0	14.0	9.0	12.0	12.0	6.0	1.0	.0	2.0	7.0	5.0	4.0	2.0	-1.0	3.0	AN	7.0	8.0	7.0	23	14.0
27	5.0	11.0	6.0	7.0	8.0	10.0	8.0	14.0	11.0	10.0	6.0	1.0	-1.0	-1.0	-1.0	-2.0	1.0	.0	AN	AN	AN	7.0	5.0	5.0	21	14.0
28	3.0	5.0	6.0	3.0	-1.0	4.0	6.0	5.0	4.0	2.0	3.0	2.0	1.0	-3.0	1.0	3.0	.0	-1.0	-2.0	.0	2.0	3.0	5.0	7.0	24	7.0
29	5.0	4.0	5.0	9.0	5.0	3.0	6.0	6.0	6.0	5.0	6.0	4.0	2.0	2.0	2.0	2.0	4.0	4.0	7.0	5.0	5.0	8.0	6.0	7.0	24	9.0
30	7.0	9.0	11.0	9.0	9.0	13.0	9.0	8.0	10.0	9.0	9.0	6.0	4.0	6.0	7.0	12.0	7.0	3.0	8.0	8.0	5.0	8.0	12.0	9.0	24	13.0
31																									0	
NO.:	26	26	26	26	26	26	26	26	26	26	25	24	25	26	25	26	26	26	25	24	23	25	25	26		
MAX:	18.0	19.0	16.0	15.0	13.0	17.0	16.0	14.0	18.0	15.0	15.0	14.0	12.0	21.0	17.0	14.0	11.0	11.0	13.0	21.0	18.0	14.0	15.0	14.0		
AVG:	6.35	6.96	6.46	6.50	6.15	6.62	7.12	6.38	6.50	6.19	6.56	4.38	3.28	3.73	3.68	3.81	4.00	3.73	3.92	5.83	6.30	6.40	6.76	6.15		

MONTHLY OBSERVATIONS: 611 MONTHLY MEAN: 5.58 MONTHLY MAX: 21.0

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

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of 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 2017

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

DAY	HOUR 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	8.0	9.0	11.0	10.0	11.0	7.0	9.0	12.0	15.0	11.0	17.0	15.0	13.0	15.0	12.0	13.0	10.0	16.0	13.0	10.0	8.0	8.0	6.0	8.0	24	17.0
2	9.0	9.0	8.0	6.0	3.0	5.0	6.0	7.0	8.0	6.0	6.0	4.0	3.0	1.0	1.0	6.0	4.0	1.0	1.0	5.0	5.0	5.0	2.0	4.0	24	9.0
3	7.0	9.0	7.0	4.0	7.0	8.0	9.0	7.0	6.0	6.0	5.0	5.0	8.0	6.0	2.0	2.0	3.0	6.0	5.0	4.0	6.0	5.0	6.0	13.0	24	13.0
4	8.0	6.0	10.0	9.0	9.0	10.0	12.0	10.0	10.0	8.0	9.0	6.0	4.0	AX	BA	BA	7.0	4.0	3.0	4.0	4.0	2.0	3.0	3.0	21	12.0
5	3.0	5.0	7.0	7.0	7.0	4.0	2.0	2.0	4.0	3.0	1.0	1.0	2.0	3.0	1.0	4.0	1.0	1.0	5.0	5.0	5.0	4.0	2.0	1.0	24	7.0
6	2.0	.0	.0	4.0	4.0	1.0	2.0	2.0	2.0	2.0	3.0	6.0	9.0	7.0	7.0	4.0	1.0	5.0	4.0	6.0	6.0	4.0	3.0	2.0	24	9.0
7	7.0	5.0	6.0	7.0	4.0	4.0	5.0	6.0	5.0	4.0	4.0	6.0	5.0	5.0	3.0	1.0	2.0	5.0	5.0	6.0	5.0	8.0	7.0	7.0	24	8.0
8	5.0	7.0	6.0	5.0	4.0	1.0	-2.0	.0	4.0	2.0	1.0	5.0	6.0	3.0	-2.0	.0	3.0	1.0	-1.0	-2.0	-1.0	2.0	2.0	2.0	24	7.0
9	2.0	-1.0	-2.0	.0	.0	-2.0	-4.0	-2.0	-1.0	-3.0	.0	1.0	-1.0	-3.0	2.0	2.0	.0	-1.0	-3.0	.0	1.0	1.0	1.0	3.0	24	3.0
10	3.0	1.0	5.0	4.0	3.0	5.0	4.0	3.0	4.0	4.0	3.0	2.0	1.0	1.0	2.0	1.0	-1.0	-1.0	8.0	6.0	7.0	5.0	5.0	6.0	24	8.0
11	5.0	5.0	5.0	10.0	7.0	5.0	4.0	5.0	7.0	10.0	10.0	7.0	5.0	5.0	3.0	1.0	.0	2.0	3.0	6.0	5.0	6.0	7.0	8.0	24	10.0
12	6.0	4.0	7.0	11.0	7.0	5.0	5.0	10.0	8.0	8.0	6.0	4.0	4.0	6.0	6.0	10.0	7.0	7.0	8.0	8.0	7.0	7.0	5.0	2.0	24	11.0
13	2.0	3.0	3.0	2.0	1.0	2.0	4.0	5.0	4.0	5.0	5.0	2.0	1.0	1.0	-2.0	-3.0	-1.0	3.0	2.0	AN	AN	AN	AN	AN	19	5.0
14	AN	6.0	5.0	7.0	14.0	12.0	13.0	10.0	11.0	8.0	13.0	9.0	12.0	8.0	9.0	6.0	5.0	7.0	10.0	11.0	AN	AN	9.0	12.0	21	14.0
15	7.0	6.0	9.0	7.0	6.0	10.0	9.0	9.0	8.0	8.0	8.0	13.0	14.0	10.0	BA	11.0	11.0	13.0	12.0	15.0	12.0	11.0	14.0	12.0	23	15.0
16	11.0	9.0	10.0	11.0	11.0	12.0	14.0	12.0	10.0	15.0	10.0	7.0	4.0	6.0	6.0	4.0	3.0	6.0	6.0	8.0	5.0	9.0	9.0	8.0	24	15.0
17	8.0	7.0	9.0	11.0	13.0	8.0	9.0	11.0	9.0	8.0	18.0	10.0	9.0	10.0	7.0	9.0	9.0	6.0	7.0	20.0	18.0	15.0	16.0	18.0	24	20.0
18	13.0	14.0	16.0	19.0	15.0	13.0	11.0	11.0	14.0	9.0	12.0	10.0	7.0	8.0	6.0	7.0	7.0	6.0	9.0	12.0	10.0	12.0	13.0	14.0	24	19.0
19	12.0	15.0	11.0	8.0	8.0	8.0	8.0	15.0	9.0	8.0	9.0	11.0	9.0	6.0	6.0	5.0	3.0	1.0	2.0	7.0	10.0	11.0	12.0	17.0	24	17.0
20	11.0	6.0	3.0	6.0	6.0	7.0	8.0	10.0	8.0	9.0	10.0	9.0	10.0	10.0	6.0	3.0	4.0	3.0	1.0	.0	4.0	3.0	4.0	3.0	24	11.0
21	.0	9.0	4.0	2.0	6.0	5.0	6.0	8.0	7.0	5.0	4.0	3.0	8.0	6.0	3.0	7.0	4.0	2.0	5.0	4.0	2.0	5.0	5.0	4.0	24	9.0
22	AV	AV	AV	AV	AV	4.0	AN	-5.0	-5.0	-4.0	-3.0	-1.0	-1.0	-2.0	-1.0	-3.0	-3.0	1.0	5.0	5.0	3.0	2.0	4.0	5.0	18	5.0
23	9.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0	8.0	5.0	1.0	.0	.0	1.0	2.0	6.0	3.0	5.0	4.0	1.0	2.0	5.0	8.0	5.0	24	9.0
24	4.0	5.0	6.0	4.0	5.0	5.0	3.0	6.0	5.0	2.0	3.0	3.0	2.0	2.0	-2.0	-3.0	-1.0	1.0	3.0	-2.0	-2.0	.0	-2.0	2.0	24	6.0
25	3.0	3.0	5.0	8.0	6.0	6.0	6.0	5.0	5.0	3.0	1.0	.0	.0	.0	.0	1.0	3.0	1.0	.0	1.0	2.0	5.0	4.0	1.0	24	8.0
26	4.0	4.0	2.0	2.0	4.0	4.0	2.0	2.0	6.0	6.0	4.0	.0	-1.0	-1.0	-2.0	-2.0	.0	.0	.0	4.0	4.0	2.0	1.0	2.0	24	6.0
27	3.0	8.0	6.0	3.0	4.0	3.0	2.0	2.0	1.0	2.0	1.0	.0	.0	1.0	3.0	2.0	3.0	4.0	2.0	.0	1.0	1.0	1.0	2.0	24	8.0
28	3.0	3.0	6.0	9.0	9.0	10.0	13.0	13.0	14.0	8.0	6.0	3.0	1.0	3.0	3.0	4.0	3.0	1.0	5.0	5.0	7.0	5.0	6.0	8.0	24	14.0
29	5.0	7.0	7.0	5.0	7.0	9.0	6.0	7.0	5.0	5.0	4.0	3.0	1.0	2.0	.0	.0	5.0	7.0	6.0	8.0	7.0	5.0	7.0	6.0	24	9.0
30	5.0	6.0	7.0	4.0	6.0	5.0	9.0	9.0	7.0	7.0	5.0	7.0	7.0	10.0	8.0	3.0	2.0	2.0	9.0	10.0	9.0	9.0	8.0	8.0	24	10.0
31	10.0	10.0	14.0	13.0	11.0	11.0	12.0	11.0	11.0	13.0	8.0	8.0	6.0	6.0	5.0	4.0	4.0	6.0	5.0	1.0	1.0	3.0	3.0	3.0	24	14.0
NO.:	29	30	30	30	30	31	30	31	31	31	31	31	31	30	29	30	31	31	31	30	29	29	30	30		
MAX:	13.0	15.0	16.0	19.0	15.0	13.0	14.0	15.0	15.0	15.0	18.0	15.0	14.0	15.0	12.0	13.0	11.0	16.0	13.0	20.0	18.0	15.0	16.0	18.0		
AVG:	6.03	6.20	6.63	6.80	6.80	6.23	6.40	6.71	6.74	5.90	5.94	5.13	4.77	4.53	3.24	3.50	3.26	3.90	4.65	5.60	5.28	5.52	5.70	6.30		

MONTHLY OBSERVATIONS: 726 MONTHLY MEAN: 5.49 MONTHLY MAX: 20.0

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: 37-147-0006 POC: 1
COUNTY: (147) Pitt
CITY: (00000) Not in a city
SITE ADDRESS: 403 Government Circle
SITE COMMENTS: Site relocated in 2016 on same property ~325 m NNW of original lat/long of 35.6386
MONITOR COMMENTS:

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

CAS NUMBER:
LATITUDE: 35.6412760009
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: (145) R & P Model 2025 PM-2.5 Sequential
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2017

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	5.6			2.2	6.2				9.0	3.6		
2			3.5					9.0				
3		5.8				10.4	9.6				6.9	8.3
4	3.5			7.0	5.6				8.6	5.2		
5			4.5					6.7				
6		12.7				7.0	8.4				9.3	4.3
7	5.8 V			2.0	4.6				7.7	3.3		
8			3.5					5.8				
9		4.0				5.5	7.9				1.4 V	1.0 V
10	6.4			4.7	9.9				3.9	6.7		
11			3.5					3.8				
12		13.6				9.4	7.6				4.1	6.8
13	6.4			7.2	1.6 V				5.7	3.2		
14			2.9					7.9				
15		7.2				10.0	7.7				BJ	7.6
16	5.7			9.4	9.5				12.0	5.4	7.5	
17			6.7					7.7				
18		12.5				7.1	5.2				5.8	13.2
19	5.1			5.8	8.9				10.4	5.1		
20			7.2					11.3				
21		7.0				4.5	13.6				7.5	6.1
22	5.1			7.0	6.1				10.6	8.8		
23			4.3					9.2				
24		8.5				6.3	8.2				5.2	4.5
25	3.4			3.3	4.8				4.0	4.6		
26			4.3					10.4				
27		5.4				8.9	7.2				6.5	4.9
28	4.2			12.7	12.7				12.2	4.7		
29			6.1					1.8 V				
30						5.8	5.4				12.9	11.5
31	9.5				9.6					7.7		
NO.:	11	9	10	10	11	10	10	10	10	11	10	10
MAX:	9.5	13.6	7.2	12.7	12.7	10.4	13.6	11.3	12.2	8.8	12.9	13.2
MEAN:	5.52	8.52	4.65	6.13	7.23	7.49	8.08	7.36	8.41	5.30	6.71	6.82

ANNUAL OBSERVATIONS: 122 ANNUAL MEAN: 6.82 ANNUAL MAX: 13.6

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-173-0002 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: JANUARY 2017

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

DAY	HOUR 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	10.9	11.3	14.8	8.0	9.2	9.2	9.2	8.7	10.4	8.7	10.4	8.5	8.5	8.0	6.1	3.8	6.1	6.8	13.3	14.7	14.7	10.9	12.1	24	14.8
2	12.3	12.8	7.7	16.4	9.7	10.2	9.0	13.0	9.2	9.5	8.5	8.5	5.6	14.8	3.1	7.8	7.5	5.1	10.0	11.2	11.5	7.1	3.4	9.0	24	16.4
3	5.1	-.5	.7	.0	.9	4.9	5.1	3.4	2.6	4.1	3.1	AX	BA	2.1	3.3	2.4	2.3	3.1	5.8	5.3	5.3	2.8	2.1	5.1	22	5.8
4	4.1	4.3	3.6	2.1	4.6	3.6	4.3	4.3	3.6	4.6	6.5	4.1	3.1	5.1	3.3	1.6	2.4	1.1	3.1	4.6	8.7	8.5	9.2	7.0	24	9.2
5	8.7	6.3	9.8	7.3	6.1	9.0	9.5	10.5	12.1	8.3	7.0	7.3	6.0	6.3	6.1	6.5	8.2	6.8	8.7	11.4	7.5	3.6	6.8	7.7	24	12.1
6	5.9	7.3	7.8	7.7	6.5	5.3	5.6	8.2	5.6	4.3	3.6	4.6	4.3	5.3	6.8	5.0	4.3	4.6	6.5	5.8	6.8	7.5	8.3	9.0	24	9.0
7	10.4	9.0	8.0	7.7	9.5	8.3	10.9	10.2	10.7	13.0	10.4	8.3	9.0	7.8	9.7	8.3	8.7	6.8	13.1	9.0	6.3	13.1	13.8	10.5	24	13.8
8	10.4	12.6	13.1	14.1	13.8	16.5	13.6	10.7	13.6	13.1	9.2	4.3	1.1	1.3	1.8	2.8	3.8	8.7	6.5	8.2	22.8	19.2	17.7	16.7	24	22.8
9	11.7	17.2	13.0	18.2	18.9	16.2	18.9	13.6	16.5	14.7	9.2	7.0	4.6	2.1	2.6	4.1	3.8	4.5	8.5	14.8	13.5	25.5	19.4	25.3	24	25.5
10	22.3	17.9	18.7	13.3	16.5	14.0	13.8	13.1	16.2	14.5	10.9	9.4	6.8	6.8	4.6	7.2	10.6	10.9	16.2	14.0	11.1	16.7	16.2	18.6	24	22.3
11	13.2	15.0	16.7	12.1	12.0	10.9	9.9	9.9	11.1	9.4	13.3	15.2	10.2	7.7	9.4	11.6	12.5	15.2	14.7	10.9	14.0	9.4	6.3	11.6	24	16.7
12	11.7	11.3	14.5	12.1	14.7	10.0	12.3	9.5	8.7	10.2	10.9	11.4	10.2	7.0	6.8	5.8	4.6	6.8	15.5	8.7	8.0	8.5	10.5	9.7	24	15.5
13	8.4	11.2	8.5	5.5	4.6	5.8	5.8	6.1	5.6	9.0	8.5	8.5	7.5	8.3	9.7	7.8	6.3	7.5	10.7	25.9	17.2	43.8	34.4	44.5	24	44.5
14	29.4	30.0	26.1	24.8	19.7	11.2	8.7	6.8	6.8	13.6	10.2	12.1	8.8	11.0	6.8	5.3	3.9	4.9	7.1	9.0	20.0	9.2	8.0	8.3	24	30.0
15	16.0	12.4	12.4	15.3	11.4	8.0	6.6	6.8	10.7	9.6	11.0	7.1	5.9	4.6	3.6	2.6	3.9	4.6	8.5	11.2	16.3	11.2	14.5	32.8	24	32.8
16	11.2	13.1	10.7	14.3	11.5	11.0	13.8	11.7	11.7	11.9	10.5	7.6	9.3	7.6	12.2	18.8	29.8	29.6	58.9	36.7	23.9	30.3	22.7	19.7	24	58.9
17	11.9	16.0	11.0	13.9	13.6	12.6	13.4	15.3	15.8	12.7	10.3	11.2	14.1	16.1	12.6	12.6	19.2	16.5	11.2	14.1	13.4	13.4	8.8	8.3	24	19.2
18	12.2	10.0	7.8	6.6	4.4	2.2	2.6	2.6	2.9	AX	1.9	.6	-.5	.9	.9	.4	2.1	3.1	4.6	13.8	14.3	45.2	17.7	5.3	23	45.2
19	9.5	6.8	7.5	6.3	6.1	4.8	5.6	6.3	5.3	10.9	9.2	5.1	2.1	7.3	8.3	5.3	4.8	4.4	5.3	10.2	13.3	16.0	14.0	10.5	24	16.0
20	10.2	15.8	9.2	12.8	9.0	9.0	10.7	11.2	13.5	16.5	7.5	9.2	7.5	4.8	2.1	3.4	2.9	5.1	5.8	10.7	12.4	11.8	13.6	15.5	24	16.5
21	12.8	14.1	12.3	14.3	12.8	10.9	7.5	7.3	9.3	13.8	13.1	8.5	13.3	11.4	11.0	7.1	8.7	6.8	8.3	10.2	11.2	11.5	7.1	11.0	24	14.3
22	7.8	8.3	7.3	9.2	7.3	6.8	5.1	4.6	7.3	7.3	6.6	4.9	3.6	2.9	4.1	4.6	2.4	2.9	7.8	5.6	4.1	5.6	5.6	3.4	24	9.2
23	1.4	3.6	7.5	5.1	2.6	3.1	4.9	4.1	2.9	2.2	3.1	1.9	1.9	1.4	1.7	4.4	2.9	5.6	7.3	3.6	2.4	6.1	4.9	5.1	24	7.5
24	2.6	1.6	4.9	2.6	1.6	2.6	6.6	5.1	5.8	5.8	4.6	2.7	2.4	4.6	3.1	3.1	2.4	3.9	4.1	4.9	10.5	9.0	8.5	11.7	24	11.7
25	9.0	9.5	5.9	6.8	7.6	9.3	5.9	8.1	11.5	13.3	10.0	7.1	5.1	2.4	.0	2.9	6.1	6.1	9.0	10.5	12.1	11.6	16.8	8.8	24	16.8
26	10.0	12.4	10.2	9.0	5.3	6.1	6.1	8.8	8.3	7.5	4.1	3.9	4.9	2.4	1.6	4.6	3.9	5.4	3.6	4.9	5.9	3.9	4.4	4.1	24	12.4
27	4.4	3.4	2.7	5.4	4.6	6.6	7.3	5.6	5.3	6.6	7.6	7.5	5.3	4.1	6.3	6.6	8.8	7.5	6.6	4.1	4.9	9.5	8.1	4.6	24	9.5
28	10.9	8.5	7.5	5.3	5.1	4.1	4.4	4.6	4.4	4.8	5.6	4.1	2.4	3.8	6.0	3.8	1.4	3.1	5.1	10.0	10.5	7.0	4.6	4.6	24	10.9
29	4.0	3.4	4.1	4.6	5.1	7.0	6.6	4.6	7.0	5.8	6.6	4.8	4.9	3.9	3.4	4.4	5.1	7.3	4.3	4.6	6.6	6.1	5.3	5.6	24	7.3
30	2.8	5.6	6.8	5.3	4.8	3.9	8.8	7.3	6.3	5.3	7.0	4.8	4.6	5.8	4.1	1.6	3.3	5.6	7.0	19.0	18.7	19.7	13.1	13.1	24	19.7
31	15.9	13.8	10.7	11.0	12.6	13.8	9.0	11.1	14.3	AX	AX	BC	BC	BA	5.8	5.3	9.4	9.9	6.5	21.4	32.4	30.5	32.2	27.0	19	32.4
NO.:	31	31	31	31	31	31	31	31	31	29	30	29	29	30	31	31	31	31	31	31	31	31	31	31		
MAX:	29.4	30.0	26.1	24.8	19.7	16.5	18.9	15.3	16.5	16.5	13.3	15.2	14.1	16.1	12.6	18.8	29.8	29.6	58.9	36.7	32.4	45.2	34.4	44.5		
AVG:	10.09	10.44	9.61	9.80	8.74	8.29	8.44	8.18	8.82	9.40	7.96	6.97	5.95	5.94	5.45	5.61	6.45	7.08	9.58	11.21	12.27	14.13	11.90	12.46		

MONTHLY OBSERVATIONS: 736 MONTHLY MEAN: 8.97 MONTHLY MAX: 58.9

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: 37-173-0002 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 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	21.4	18.2	17.7	14.0	17.9	13.5	11.1	13.0	15.0	12.1	12.1	15.3	10.7	7.3	9.7	9.5	9.4	16.0	14.5	12.6	12.8	14.7	12.1	9.7	24	21.4
2	20.2	14.7	20.9	21.9	16.0	16.5	16.2	13.5	11.1	15.0	12.1	9.5	7.3	6.8	6.3	8.0	10.4	7.2	4.1	7.0	12.8	10.7	9.2	11.1	24	21.9
3	13.3	11.6	14.0	10.9	9.7	8.0	8.7	5.5	4.1	6.3	7.5	7.2	4.1	3.1	4.8	4.1	5.0	4.8	4.1	6.6	5.1	6.3	4.8	4.4	24	14.0
4	10.2	10.4	6.8	9.5	12.4	11.4	11.4	9.2	9.0	12.6	7.0	5.8	3.6	-.1	-.1	1.6	2.8	1.3	1.4	6.1	8.0	10.7	16.7	19.7	24	19.7
5	21.2	21.4	16.5	14.0	11.1	12.1	8.5	11.3	13.5	10.8	13.6	9.0	7.5	7.0	6.3	7.0	4.6	4.3	6.8	8.7	11.8	8.7	11.8	14.5	24	21.4
6	17.5	16.0	18.4	9.2	19.2	17.0	10.4	10.7	12.8	16.5	12.8	10.5	7.5	7.0	6.0	4.1	6.3	15.7	13.3	11.8	13.6	12.1	17.0	12.3	24	19.2
7	16.5	9.7	7.3	9.0	10.4	7.8	12.3	8.9	7.3	6.3	8.5	10.7	10.0	9.8	7.5	5.8	8.5	7.3	7.8	14.1	9.0	10.7	12.3	14.1	24	16.5
8	12.6	10.2	6.3	6.3	5.3	3.3	5.6	3.8	3.6	3.1	1.6	3.1	2.4	2.9	6.1	6.1	5.1	10.5	9.5	25.1	11.9	9.7	12.1	11.2	24	25.1
9	10.2	9.2	7.3	5.3	6.8	5.1	2.9	3.6	3.9	3.6	4.4	4.4	2.4	2.1	2.4	4.6	4.6	2.4	3.6	5.8	5.8	4.3	6.3	9.5	24	10.2
10	9.3	9.5	6.8	7.1	6.8	8.3	9.8	11.7	10.0	12.1	9.5	7.5	5.1	2.9	3.6	2.9	1.7	1.7	5.6	8.0	8.0	8.8	10.0	8.0	24	12.1
11	4.8	9.0	11.6	10.0	8.0	5.3	6.4	5.6	4.8	9.5	10.0	14.5	15.0	15.1	11.6	11.1	15.8	15.5	19.5	22.6	24.6	26.1	25.1	24.9	24	26.1
12	21.7	21.7	21.2	19.5	21.7	16.3	22.6	24.9	25.1	24.1	23.6	19.0	12.4	13.1	18.0	16.0	21.0	18.5	16.5	11.6	17.0	11.9	9.3	7.0	24	25.1
13	5.8	5.8	5.3	8.3	6.8	4.4	7.1	5.4	7.1	7.8	4.6	4.1	2.6	2.2	1.2	1.2	2.2	3.1	1.9	4.9	11.9	29.6	36.9	25.9	24	36.9
14	19.2	16.5	21.7	24.1	15.3	18.7	17.7	14.1	17.2	13.6	16.1	12.1	9.3	6.4	7.6	8.5	7.6	3.9	7.8	10.9	11.6	17.0	20.7	16.5	24	24.1
15	18.7	12.1	8.0	15.5	11.9	10.9	8.3	9.5	9.7	6.8 6 AZ	BA		2.9	5.3	7.7	6.3	3.8	5.6	7.0	7.0	8.5	7.5	4.8	3.8	22	18.7
16	5.1	8.0	7.3	6.3	4.6	7.3	6.1	6.8	5.8	8.0	6.1	2.6	1.6	3.4	2.9	2.1	3.1	3.6	8.3	5.8	5.1	16.5	10.2	11.9	24	16.5
17	20.5	20.7	12.8	9.0	7.6	5.8	6.1	9.5	11.6	10.7	8.8	4.3	1.4	2.4	2.4	3.3	3.3	4.1	5.1	6.5	8.2	29.0	27.6	49.5	24	49.5
18	25.6	20.0	18.7	13.1	11.4	10.5	11.4	12.1	10.5	11.1	8.3	10.2	8.0	8.5	8.7	10.2	10.2	13.3	11.6	17.2	17.0	19.2	22.6	18.2	24	25.6
19	24.1	18.5	16.3	18.4	17.7	12.6	11.4	10.5	12.1	12.1	11.1	10.9	9.0	4.9	3.4	5.1	6.4	5.9	7.1	7.0	7.0	11.4	12.8	14.3	24	24.1
20	14.3	14.6	11.2	9.8	10.0	8.3	9.3	7.5	14.6	7.3	10.7	11.9	7.8	7.5	8.8	7.0	3.6	1.6	5.3	5.6	13.8	12.6	12.6	14.0	24	14.6
21	13.1	13.3	11.1	15.5	9.5	13.8	12.3	9.7	8.0	9.8	10.2	11.6	13.6	13.6	11.4	12.8	20.0	10.2	11.9	16.8	13.4	14.1	11.0	9.5	24	20.0
22	10.7	13.3	12.1	15.5	14.3	14.3	15.3	12.4	14.1	17.5 6 AX	BA		10.4	8.5	5.8	3.9	5.8	6.3	8.8	9.5	10.6	12.9	11.6	10.4	22	17.5
23	11.1	11.4	14.3	10.9	14.1	13.6	11.1	14.1	10.7	10.0	8.8	10.6	9.3	7.3	5.9	6.8	7.1	8.6	6.1	4.9	5.4	6.6	6.4	6.8	24	14.3
24	9.5	12.4	10.4	8.0	7.0	5.3	7.8	6.8	7.1	9.0	10.9	7.1	7.1	7.1	3.7	5.2	8.8	12.6	9.3	7.6	7.1	10.2	10.7	11.7	24	12.6
25	9.7	9.7	9.1	8.3	10.2	9.7	8.1	6.6	7.3	7.1	5.1	3.4	1.9	.7	-.3	1.2	3.1	4.4	2.9	6.1	6.6	3.6	5.1	3.9	24	10.2
26	3.4	2.9	3.1	3.6	3.6	2.2	4.1	4.4	3.4	6.8	5.4	4.9	2.7	1.4	3.1	1.7	2.2	2.6	.9	5.8	13.8	10.7	13.3	13.6	24	13.8
27	12.4	10.3	15.5	12.1	11.1	9.0	9.0	8.3	9.5	9.8	8.3	5.8	7.3	6.1	8.8	6.6	6.6	7.3	7.8	10.2	20.0	10.2	10.4	15.3	24	20.0
28	20.2	9.2	15.3	15.5	12.4	13.3	13.6	12.4	13.1	14.1	11.4	6.6	1.4	2.9	3.1	6.3	7.3	7.3	7.6	11.4	12.9	11.9	9.9	6.3	24	20.2
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	28	26	26	28	28	28	28	28	28	28	28	28	28	28	28		
MAX:	25.6	21.7	21.7	24.1	21.7	18.7	22.6	24.9	25.1	24.1	23.6	19.0	15.0	15.1	18.0	16.0	21.0	18.5	19.5	25.1	24.6	29.6	36.9	49.5		
AVG:	14.37	12.87	12.39	11.81	11.17	10.15	10.16	9.71	10.07	10.48	9.56	8.56	6.58	5.90	5.94	6.04	7.01	7.34	7.72	9.90	11.19	12.78	13.33	13.50		

MONTHLY OBSERVATIONS: 668 MONTHLY MEAN: 9.94 MONTHLY MAX: 49.5

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.

(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: MARCH 2017

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

DAY	HOUR 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	11.1	10.2	9.7	7.1	5.9	6.6	4.1	4.9	9.4	8.3	5.6	7.5	6.3	11.4	9.5	10.9	8.3	8.8	5.1	3.9	5.8	7.3	9.9	10.2	24	11.4
2	9.2	5.8	4.1	3.1	3.1	6.4	6.4	6.1	5.8	3.6	1.1	3.1	4.6	2.6	1.4	5.4	3.9	2.1	2.9	5.6	4.4	4.6	5.9	6.1	24	9.2
3	7.8	6.8	12.9	10.7	7.6	7.3	8.3	6.6	7.8	8.3	7.8	7.3	4.9	4.9	2.7	.5	1.9	3.6	2.6	3.9	6.4	6.4	8.3	12.6	24	12.9
4	9.0	10.5	10.5	8.3	9.8	8.3	5.6	7.8	9.5	10.4	8.3	4.1	4.6	3.9	3.1	4.1	4.1	3.6	6.3	18.0	15.3	24.1	32.7	17.7	24	32.7
5	19.2	18.5	20.5	14.8	14.3	13.8	14.8	11.4	11.6	11.2	12.6	8.1	6.9	8.3	6.4	4.4	7.6	8.3	9.2	10.7	10.7	11.1	9.4	9.9	24	20.5
6	12.6	10.2	11.4	12.3	11.1	13.8	12.8	13.6	13.6	23.6	17.2	22.4	21.7	19.7	11.6	8.3	7.6	9.0	13.3	13.6	14.1	18.0	14.3	19.7	24	23.6
7	18.7	16.5	16.5	11.1	8.8	9.7	8.7	12.4	12.2	8.8	17.0	11.4	8.5	8.8	5.4	5.1	9.2	8.8	7.0	12.1	7.5	4.1	5.9	6.8	24	18.7
8	8.3	9.7	8.0	3.1	2.1	3.1	3.1	2.6	1.9	5.5	4.5	AX	AX	3.4	3.6	4.1	3.4	3.1	2.4	2.6	6.1	5.8	6.3	9.9	22	9.9
9	9.3	7.5	5.8	4.4	5.6	4.1	3.4	3.9	5.3	7.1	8.0	7.3	4.9	2.1	.7	-1.3	.2	4.4	5.8	21.9	11.6	15.3	38.1	15.3	24	38.1
10	15.8	16.0	19.2	11.6	13.8	12.1	16.3	11.2	10.2	8.3	6.1	4.8	6.1	5.4	7.6	6.8	3.6	4.8	6.1	4.6	4.4	2.9	3.4	7.1	24	19.2
11	8.0	6.6	6.3	6.1	7.0	5.3	3.4	2.9	7.3	9.2	6.6	4.8	2.9	3.1	3.1	2.1	5.3	4.6	2.1	2.9	4.4	7.1	6.6	6.3	24	9.2
12	6.1	3.9	4.6	2.9	2.1	5.3	4.4	2.1	4.6	7.3	5.1	3.1	2.4	3.4	2.9	1.9	1.6	2.1	1.6	4.6	9.0	9.7	10.0	7.8	24	10.0
13	9.7	12.8	10.6	9.0	7.1	5.6	5.6	10.3	8.8	8.5	4.9	2.1	2.4	2.1	1.6	5.8	5.3	3.3	3.1	7.3	6.3	6.6	10.0	6.1	24	12.8
14	.9	.9	2.1	1.4	3.6	3.6	2.9	4.8	5.8	4.4	5.1	4.1	4.8	5.8	5.6	8.5	8.3	9.3	7.8	8.5	7.3	9.0	8.5	9.0	24	9.3
15	9.3	7.0	5.3	9.7	5.8	8.5	7.1	6.8	5.6	6.1	6.3	5.6	5.6	4.6	1.6	1.1	1.6	3.3	5.8	5.1	4.8	8.8	6.3	7.3	24	9.7
16	6.6	8.5	10.5	8.8	8.5	8.3	8.3	8.5	8.8	8.5	6.8	5.1	6.1	4.6	4.8	7.5	7.5	5.8	5.3	10.9	10.0	9.0	7.0	14.8	24	14.8
17	13.1	11.4	14.8	15.3	15.3	13.3	13.1	12.3	13.6	12.8	15.3	14.1	13.6	7.8	4.6	3.1	5.3	11.9	10.2	15.7	23.1	18.2	18.7	21.4	24	23.1
18	19.4	17.5	14.3	15.5	14.1	13.1	10.9	14.8	9.5	10.0	10.0	6.8	4.1	7.3	9.0	10.4	7.0	2.4	3.6	4.1	4.6	5.3	3.8	9.5	24	19.4
19	6.1	3.4	5.3	6.8	4.9	7.3	4.8	4.9	4.3	5.6	5.1	3.6	3.1	3.1	2.1	1.4	2.4	2.6	3.4	3.9	7.8	11.1	6.8	9.5	24	11.1
20	10.9	9.0	8.8	8.3	6.6	8.3	7.5	6.3	6.6	10.2	6.3	4.1	6.8	4.6	3.6	5.6	4.9	6.6	6.1	9.9	16.0	27.6	23.1	26.1	24	27.6
21	14.5	18.7	10.7	12.3	13.8	12.4	12.6	8.5	12.6	12.4	11.4	14.1	10.9	14.1	12.6	10.0 6	8.6	9.0	12.9	13.8	AV	AV	AV	AV	20	18.7
22	AV	AN	AN	AN	.8	2.1	4.8	9.7	9.1	AX	BA	7.3	3.8	14.0	17.5	2.8	5.1	5.3	8.2	5.8	18.4	9.0	10.4	24.1	18	24.1
23	15.8	9.7	10.2	9.0	10.5	8.5	6.6	5.6	9.3	6.1	4.6	4.4	3.3	5.6	5.4	7.1	9.4	7.8	7.8	8.8	12.1	11.4	11.6	8.0	24	15.8
24	9.0	15.3	8.5	10.4	7.7	10.4	10.9	10.9	10.4	11.4	17.5	16.8	11.9	9.2	7.1	7.3	7.8	9.2	8.3	9.2	21.4	23.1	15.5	14.6	24	23.1
25	14.3	20.4	20.4	16.7	16.3	16.0	14.5	13.6	17.5	13.6	9.7	7.3	9.5	6.3	6.3	6.4	6.1	8.5	9.9	9.0	9.9	13.1	13.6	12.9	24	20.4
26	15.8	10.4	9.2	9.2	6.3	6.3	6.8	6.4	9.3	7.5	3.4	1.9	3.4	3.1	4.8	5.1	5.1	8.5	10.2	8.3	7.1	8.0	6.8	6.8	24	15.8
27	7.5	11.4	8.3	5.3	7.8	5.1	6.6	10.4	9.9	7.3	5.9	7.1	8.0	10.0	12.2	8.8	8.8	12.2	10.7	17.8	11.6	13.4	14.1	10.7	24	17.8
28	7.3	6.1	4.1	4.1	7.3	6.8	5.4	4.6	6.4	5.6	4.1	3.4	8.1	7.1	5.7	5.9	6.2	5.9	4.9	3.9	1.9	13.2	8.1	9.5	24	13.2
29	7.3	5.1	4.6	3.9	4.9	7.3	6.1	5.8	7.3	9.0	10.9	8.8	5.4	3.9	2.2	3.7	3.6	4.9	8.5	6.8	6.6	9.3	7.1	7.6	24	10.9
30	9.7	7.6	6.8	8.0	9.3	7.1	6.8	7.3	5.6	8.3	10.4	12.2	15.6	8.1	9.6	8.8	10.0	11.9	15.6	10.7	10.0	13.9	13.6	10.9	24	15.6
31	7.8	7.6	7.3	9.3	6.6	7.1	6.4	4.1	3.9	4.9	4.7	4.4	3.7	2.0	3.2	4.9	4.4	2.9	1.7	1.9	4.9	3.9	1.9	3.2	24	9.3
NO.:	30	30	30	30	31	31	31	31	31	30	30	30	30	31	31	31	31	31	31	31	30	30	30	30		
MAX:	19.4	20.4	20.5	16.7	16.3	16.0	16.3	14.8	17.5	23.6	17.5	22.4	21.7	19.7	17.5	10.9	10.0	12.2	15.6	21.9	23.1	27.6	38.1	26.1		
AVG:	10.67	10.17	9.71	8.62	8.01	8.16	7.71	7.78	8.50	8.79	8.08	7.24	6.80	6.46	5.73	5.37	5.62	6.27	6.72	8.57	9.45	11.01	11.26	11.38		

MONTHLY OBSERVATIONS: 732 MONTHLY MEAN: 8.23 MONTHLY MAX: 38.1

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

(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: APRIL 2017

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

DAY	HOUR 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	3.0	5.0	5.0	3.0	5.0	6.0	5.0	6.0	7.0	4.0	3.0	4.0	.0	3.0	3.0	1.0	5.0	4.0	4.0	7.0	5.0	14.0	11.0	7.0	24	14.0
2	5.0	5.0	9.0	8.0	7.0	8.0	6.0	5.0	7.0	6.0	6.0	5.0	5.0	3.0	3.0	4.0	4.0	3.0	2.0	3.0	6.0	8.0	10.0	11.0	24	11.0
3	10.0	8.0	8.0	11.0	10.0	9.0	6.0	6.0	10.0	7.0	7.0	7.0	8.0	5.0	3.0	.0	.0	4.0	5.0	7.0	5.0	6.0	8.0	7.0	24	11.0
4	9.0	10.0	8.0	8.0	7.0	6.0	4.0	6.0	6.0	6.0	4.0	6.0	5.0	3.0	2.0	4.0	9.0	6.0	7.0	7.0	8.0	12.0	14.0	10.0	24	14.0
5	11.0	8.0	11.0	6.0	4.0	5.0	7.0	7.0	6.0	8.0 6	AX	BA	17.0	10.0	10.0	10.0	8.0	11.0	7.0	5.0	4.0	7.0	6.0	5.0	22	17.0
6	7.0	11.0	7.0	5.0	4.0	4.0	4.0	4.0	3.0	4.0	4.0	2.0	1.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	6.0	5.0	4.0	4.0	24	11.0
7	6.0	6.0	6.0	4.0	4.0	5.0	6.0	3.0	.0	3.0	3.0	2.0	5.0	6.0	6.0	5.0	4.0	4.0	3.0	3.0	6.0	5.0	4.0	3.0	24	6.0
8	6.0	7.0	10.0	6.0	7.0	12.0	8.0	5.0	4.0	7.0	5.0	3.0	4.0	2.0	.0	5.0	4.0	2.0	2.0	4.0	12.0	23.0	14.0	12.0	24	23.0
9	9.0	9.0	7.0	14.0	11.0	9.0	10.0	12.0	11.0	9.0	6.0	3.0	4.0	4.0	3.0	5.0	4.0	6.0	4.0	4.0	13.0	10.0	11.0	8.0	24	14.0
10	9.0	11.0	7.0	11.0	14.0	9.0	7.0	11.0	11.0	9.0	8.0	7.0	10.0	9.0	9.0	7.0	10.0	6.0	10.0	13.0	10.0	10.0	15.0	15.0	24	15.0
11	13.0	13.0	12.0	14.0	11.0	9.0	14.0	13.0	9.0	10.0	13.0	20.0	15.0	13.0	10.0	12.0	12.0	12.0	8.0	11.0	17.0	22.0	15.0	19.0	24	22.0
12	15.0	13.0	15.0	14.0	17.0	9.0	11.0	13.0	12.0	10.0	7.0	5.0	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	6.0	6.0	13.0	14.0	24	17.0
13	10.0	8.0	7.0	10.0	8.0	10.0	8.0	9.0	11.0	9.0	6.0	8.0	8.0	6.0	10.0	11.0	7.0	7.0	7.0	11.0	12.0	10.0	12.0	10.0	24	12.0
14	14.0	15.0	13.0	10.0	9.0	10.0	9.0	10.0	10.0	10.0	10.0	11.0	17.0	7.0	8.0	11.0	14.0	16.0	11.0	15.0	21.0	30.0	22.0	29.0	24	30.0
15	19.0	16.0	15.0	14.0	13.0	10.0	13.0	13.0	15.0	13.0	11.0	9.0	6.0	9.0	7.0	6.0	4.0	5.0	6.0	6.0	7.0	6.0	14.0	16.0	24	19.0
16	10.0	8.0	9.0	8.0	9.0	10.0	10.0	10.0	7.0	8.0	10.0	17.0	11.0	10.0	9.0	8.0	11.0	10.0	7.0	8.0	18.0	17.0	13.0	11.0	24	18.0
17	14.0	14.0	12.0	15.0	10.0	12.0	10.0	13.0	10.0	11.0	13.0	10.0	8.0	8.0	7.0	9.0	7.0	8.0	9.0	9.0	9.0	8.0	6.0	7.0	24	15.0
18	7.0	6.0	5.0	6.0	5.0	6.0	6.0	6.0	7.0	6.0	5.0	5.0	6.0	6.0	3.0	1.0	6.0	7.0	6.0	7.0	8.0	9.0	8.0	9.0	24	9.0
19	10.0	12.0	12.0	13.0	12.0	11.0	15.0	12.0	AX	BA	10.0	8.0	5.0	3.0	4.0	4.0	5.0	7.0	18.0	10.0	9.0	16.0	13.0	7.0	22	18.0
20	7.0	9.0	8.0	11.0	8.0	9.0	11.0	8.0	10.0	14.0	14.0	13.0	11.0	7.0	14.0	10.0	11.0	9.0	9.0	6.0	15.0	15.0	11.0	17.0	24	17.0
21	13.0	10.0	11.0	9.0	15.0	11.0	13.0	13.0	9.0	10.0	12.0	11.0	12.0	8.0	13.0	11.0	11.0	12.0	10.0	9.0	9.0	10.0	6.0	12.0	24	15.0
22	9.0	8.0	8.0	8.0	6.0	6.0	7.0	7.0	9.0	8.0	6.0	9.0	10.0	8.0	5.0	3.0	3.0	6.0	5.0	6.0	7.0	6.0	6.0	2.0	24	10.0
23	-1.0	.0	1.0	3.0	3.0	3.0	5.0	3.0	3.0	2.0	.0	.0	1.0	1.0	.0	1.0	1.0	2.0	4.0	3.0	4.0	3.0	1.0	.0	24	5.0
24	4.0	3.0	3.0	2.0	3.0	5.0	6.0	6.0	4.0	1.0	1.0	3.0	2.0	4.0	4.0	1.0	1.0	4.0	2.0	1.0	10.0	9.0	7.0	8.0	24	10.0
25	6.0	3.0	2.0	6.0	4.0	3.0	1.0	1.0	4.0	5.0	2.0	.0	1.0	1.0	3.0	3.0	3.0	5.0	2.0	3.0	4.0	3.0	5.0	5.0	24	6.0
26	2.0	2.0	3.0	3.0	6.0	7.0	6.0	6.0	5.0	3.0	1.0	3.0	2.0	6.0	5.0	2.0	6.0	7.0	6.0	14.0	12.0	14.0	11.0	9.0	24	14.0
27	10.0	9.0	10.0	12.0	15.0	12.0	13.0	14.0	15.0	12.0	9.0	8.0	AN	11.0	8.0	10.0	11.0	13.0	8.0	8.0	7.0	7.0	8.0	9.0	23	15.0
28	6.0	7.0	6.0	3.0	9.0	7.0	8.0	7.0	5.0	4.0	5.0	6.0	6.0	9.0	10.0	8.0	11.0	12.0	17.0	17.0	15.0	17.0	18.0	18.0	24	18.0
29	16.0	15.0	13.0	12.0	14.0	12.0	11.0	10.0	11.0	14.0	10.0	9.0	13.0	16.0	20.0 6	16.0	15.0	16.0	20.0	18.0	19.0	18.0	21.0	22.0	24	22.0
30	16.0	13.0	11.0	11.0	10.0	9.0	9.0	6.0	9.0	13.0	10.0	7.0	6.0	7.0	7.0	6.0	5.0	7.0	6.0	8.0	8.0	7.0	6.0	7.0	24	16.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	29	29	29	29	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	19.0	16.0	15.0	15.0	17.0	12.0	15.0	14.0	15.0	14.0	14.0	20.0	17.0	16.0	20.0	16.0	15.0	16.0	20.0	18.0	21.0	30.0	22.0	29.0		
AVG:	9.17	8.80	8.47	8.67	8.67	8.13	8.30	8.17	7.93	7.79	6.93	6.93	7.07	6.40	6.43	6.03	6.63	7.30	7.10	7.70	9.73	11.10	10.43	10.43		

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 8.10 MONTHLY MAX: 30.0

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
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: MAY 2017

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	8.0	9.0	8.0	9.0	8.0	9.0	9.0	6.0	3.0	2.0	2.0	3.0	3.0	4.0	3.0	2.0	7.0	5.0	2.0	6.0	9.0	7.0	5.0	4.0	24	9.0
2	4.0	4.0	3.0	2.0	9.0	6.0	5.0	5.0	5.0	4.0	3.0	2.0	5.0	1.0	-1.0	5.0	4.0	4.0	5.0	4.0	3.0	5.0	5.0	6.0	24	9.0
3	6.0	5.0	4.0	5.0	6.0	7.0	6.0	5.0	AX	BA	BA	4.0	5.0	2.0	1.0	1.0	1.0	4.0	6.0	6.0	6.0	7.0	6.0	8.0	21	8.0
4	6.0	13.0	11.0	7.0	5.0	6.0	7.0	8.0	8.0	9.0	7.0	9.0	8.0	9.0	8.0	7.0	4.0	7.0	7.0	9.0	5.0	1.0	4.0	4.0	24	13.0
5	3.0	3.0	2.0	1.0	2.0	2.0	1.0	2.0	2.0	5.0	5.0	3.0	1.0	1.0	3.0	6.0	3.0	-2.0	-1.0	1.0	2.0	3.0	5.0	4.0	24	6.0
6	3.0	3.0	6.0	5.0	5.0	6.0	6.0	5.0	4.0	6.0	7.0	5.0	2.0	1.0	3.0	5.0	6.0	6.0	5.0	6.0	9.0	9.0	9.0	12.0	24	12.0
7	9.0	9.0	5.0	4.0	5.0	7.0	5.0	5.0	4.0	6.0	4.0	3.0	3.0	AN	AN	2.0	3.0	3.0	4.0	3.0	2.0	5.0	7.0	10.0	22	10.0
8	7.0	10.0	9.0	8.0	7.0	6.0	6.0	6.0	8.0	6.0	5.0	4.0	5.0	5.0	5.0	6.0 6	5.0 6	3.0	4.0	7.0	7.0	8.0	10.0	12.0	24	12.0
9	12.0	8.0	5.0	6.0	7.0	12.0	8.0	6.0	11.0	10.0	6.0	11.0 6	9.0 6	7.0 6	7.0 6	9.0 6	9.0 6	7.0 6	7.0 6	9.0	13.0	8.0	27.0	27.0	24	27.0
10	24.0	17.0	17.0	12.0	15.0	26.0	22.0	17.0	11.0	9.0	14.0 6	15.0 6	12.0 6	10.0 6	12.0 6	9.0 6	7.0 6	7.0 6	7.0 6	10.0	16.0	15.0	19.0	22.0	24	26.0
11	16.0	15.0	20.0	16.0	13.0	10.0	9.0	14.0	14.0	12.0	10.0 6	13.0	10.0	7.0	9.0 6	10.0 6	7.0 6	12.0	13.0	12.0	12.0	14.0	15.0	18.0	24	20.0
12	15.0	14.0	14.0	13.0	15.0	16.0	16.0	12.0	15.0	15.0	15.0	13.0	15.0	14.0 6	13.0 6	15.0 6	16.0	12.0	9.0	7.0	6.0	7.0	6.0	7.0	24	16.0
13	7.0	6.0	6.0	11.0	7.0	6.0	7.0	6.0	5.0	7.0	12.0	7.0	3.0	2.0	3.0	5.0	4.0	5.0	4.0	8.0	12.0	11.0	9.0	12.0	24	12.0
14	18.0	12.0	9.0	AN	AN	AN	7.0	7.0	6.0	5.0	8.0	7.0	6.0	6.0 6	7.0 6	6.0 6	6.0 6	7.0 6	9.0 6	9.0 6	8.0	10.0	11.0	17.0	21	18.0
15	12.0	10.0	9.0	10.0	9.0	9.0	8.0	7.0	6.0	7.0	8.0	9.0	6.0 6	8.0 6	8.0 6	7.0 6	6.0 6	6.0 6	5.0 6	8.0 6	8.0	14.0	9.0	10.0	24	14.0
16	11.0	8.0	8.0	9.0	12.0	7.0	4.0	6.0	5.0	9.0	9.0	8.0 6	6.0 6	8.0 6	7.0 6	9.0 6	9.0 6	8.0 6	10.0 6	12.0 6	11.0	12.0	12.0	10.0	24	12.0
17	10.0	15.0	13.0	16.0	14.0	10.0	11.0	13.0	AX	BA	BA	8.0	9.0	6.0	10.0	9.0	10.0	8.0	8.0	10.0	11.0	9.0	13.0	12.0	21	16.0
18	14.0	14.0	11.0	10.0	10.0	13.0	11.0	13.0	10.0	7.0	9.0	9.0	8.0	6.0	7.0	10.0	6.0	7.0 6	8.0 6	10.0	16.0	11.0	9.0	8.0	24	16.0
19	13.0	10.0	8.0	11.0	13.0	12.0	11.0	11.0	12.0	12.0	11.0	12.0	10.0	12.0	8.0	7.0 6	7.0 6	7.0 6	10.0	14.0	12.0	13.0	12.0	9.0	24	14.0
20	8.0	10.0	10.0	9.0	9.0	8.0	9.0	10.0	8.0	10.0	8.0	8.0	6.0	7.0	8.0	7.0 6	6.0 6	5.0 6	7.0 6	12.0	15.0	18.0	10.0	6.0	24	18.0
21	3.0	5.0	4.0	4.0	5.0	5.0	4.0	6.0	9.0	6.0	2.0	6.0	6.0	4.0	3.0	2.0	1.0	3.0	3.0	4.0	4.0	6.0	5.0	4.0	24	9.0
22	3.0	2.0	2.0	2.0	5.0	5.0	3.0	6.0	8.0	5.0	6.0	7.0	5.0	3.0	4.0	4.0	4.0	4.0	6.0	8.0	8.0	8.0	7.0	8.0	24	8.0
23	6.0	7.0	7.0	5.0	4.0	4.0	3.0	2.0	1.0	2.0	6.0	AX	BA	BA	11.0	6.0	1.0	-1.0	3.0	4.0	4.0	3.0	3.0	3.0	21	11.0
24	4.0	4.0	2.0	-1.0	-1.0	3.0	4.0	3.0	3.0	4.0	3.0	3.0	2.0	4.0	5.0	3.0	4.0	5.0	3.0	2.0	5.0	4.0	3.0	5.0	24	5.0
25	3.0	5.0	4.0 6	4.0 6	4.0 6	2.0 6	2.0 6	3.0 6	5.0	8.0	5.0	6.0	3.0	3.0	7.0	5.0	6.0	6.0	4.0	4.0	6.0	5.0	9.0	8.0	24	9.0
26	12.0	10.0	8.0 6	8.0 6	5.0 6	2.0 6	4.0 6	7.0 6	7.0	6.0	3.0	1.0	4.0	5.0	4.0	5.0	6.0	4.0	5.0	6.0	11.0	11.0	20.0	23.0	24	23.0
27	23.0	20.0	21.0	15.0	16.0	14.0	9.0	12.0	11.0	15.0	12.0	9.0	9.0	6.0	12.0	10.0	11.0	13.0	13.0	12.0	17.0	28.0	30.0	13.0	24	30.0
28	8.0	5.0	3.0	9.0	7.0	5.0	3.0	3.0	3.0	4.0	5.0	3.0	2.0	4.0	2.0	.0	1.0	3.0	3.0	3.0	3.0	15.0	16.0	19.0	24	19.0
29	19.0	5.0	14.0	11.0	7.0	6.0	5.0	5.0	5.0	8.0	6.0	6.0	5.0	7.0	7.0	10.0	8.0	13.0	12.0	10.0	9.0	13.0	14.0	8.0	24	19.0
30	4.0	1.0	1.0	2.0	4.0	5.0	6.0	4.0	4.0	3.0	4.0	4.0	4.0	5.0	7.0	5.0	3.0	5.0	6.0	7.0	6.0	10.0	11.0	7.0	24	11.0
31	9.0	6.0	6.0	6.0	4.0	6.0	6.0	5.0	12.0	8.0	5.0	7.0	7.0	5.0	5.0	4.0	5.0	3.0	5.0	7.0	10.0	13.0	12.0	10.0	24	13.0
NO.:	31	31	31	30	30	30	31	31	29	29	29	30	30	29	30	31	31	31	31	31	31	31	31	31		
MAX:	24.0	20.0	21.0	16.0	16.0	26.0	22.0	17.0	15.0	15.0	15.0	15.0	15.0	14.0	13.0	15.0	16.0	13.0	13.0	14.0	17.0	28.0	30.0	27.0		
AVG:	9.68	8.55	8.06	7.63	7.70	7.83	7.00	7.10	7.07	7.24	6.90	6.83	5.97	5.59	6.27	6.16	5.68	5.77	6.19	7.42	8.58	9.77	10.74	10.52		

MONTHLY OBSERVATIONS: 730 MONTHLY MEAN: 7.52 MONTHLY MAX: 30.0

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
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: JUNE 2017

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

DAY	HOUR 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	9.0	7.0	10.0	8.0	7.0	6.0	7.0	9.0	AX	BA	BA	13.0	7.0	5.0	8.0	6.0	5.0	10.0	8.0	7.0	11.0	14.0	10.0	13.0	21	14.0
2	16.0	12.0	10.0	8.0	6.0	8.0	9.0	9.0	11.0	8.0	10.0	9.0	9.0	8.0	7.0	7.0	6.0	8.0	9.0	8.0	11.0	17.0	18.0	16.0	24	18.0
3	14.0	18.0	12.0	11.0	10.0	9.0	7.0	7.0	9.0	9.0	7.0	8.0	10.0	10.0	6.0	5.0	6.0	6.0	9.0	14.0	12.0	11.0	19.0	22.0	24	22.0
4	18.0	16.0	18.0	18.0	8.0	11.0	9.0	9.0	10.0	12.0	10.0	10.0	8.0	8.0	8.0	7.0	6.0	6.0	5.0	7.0	6.0	6.0	8.0	8.0	24	18.0
5	8.0	6.0	5.0	5.0	5.0	4.0	5.0	5.0	4.0	7.0	5.0	5.0	5.0	8.0	7.0	6.0	5.0	2.0	3.0	4.0	4.0	4.0	2.0	2.0	24	8.0
6	2.0	6.0	16.0	11.0	6.0	2.0	2.0	3.0	2.0	2.0	2.0	3.0	7.0	6.0	9.0	5.0	6.0	6.0	6.0	8.0	6.0	9.0	9.0	7.0	24	16.0
7	6.0	8.0	7.0	8.0	7.0	7.0	9.0	9.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0	4.0	5.0	4.0	6.0	7.0	9.0	7.0	9.0	10.0	24	10.0
8	5.0	4.0	6.0	6.0	8.0	6.0	5.0	5.0	AX	BA	BC	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	8	8.0
9	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
10	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
11	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
12	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
13	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	BA	BA	.0	5.4	4.6	4.1	4.1	1.4	.5	1.2	1.2	1.4	6.9	4.4	3.4	13	6.9
14	4.9	5.2	3.7	3.4	4.7	2.2	1.9	2.4	3.4	2.2	.7	4.2	3.4	5.6	6.1	6.0	3.0	3.0	5.0	5.0	5.0	8.0	7.0	8.0	24	8.0
15	6.0	5.0	4.0	4.0	5.0	5.0	2.0	.0	2.0	4.0	8.0	7.0	9.0	8.0	8.0	8.0	5.0	1.0	3.0	5.0	4.0	4.0	5.0	9.0	24	9.0
16	6.0	6.0	7.0	6.0	5.0	4.0	4.0	5.0	3.0	3.0	3.0	3.0	4.0	3.0	1.0	1.0	.0	2.0	2.0	5.0	3.0	4.0	11.0	7.0	24	11.0
17	6.0	4.0	4.0	4.0	6.0	4.0	1.0	3.0	5.0	5.0	4.0	4.0	4.0	5.0	5.0	4.0	4.0	2.0	3.0	5.0	4.0	6.0	9.0	13.0	24	13.0
18	12.0	11.0	11.0	11.0	9.0	9.0	8.0	6.0	13.0	8.0	5.0	7.0	5.0	6.0	4.0	2.0	2.0	4.0	6.0	4.0	5.0	8.0	8.0	6.0	24	13.0
19	4.0	4.0	7.0	4.0	2.0	1.0	1.0	3.0	3.0	6.0	4.0	1.0	2.0	2.0	2.0	4.0	2.0	4.0	4.0	5.0	4.0	3.0	5.0	5.0	24	7.0
20	3.0	3.0	6.0	5.0	6.0	5.0	3.0	5.0	4.0	6.0	6.0	3.0	1.0	4.0	4.0	4.0	5.0	2.0	1.0	4.0	6.0	11.0	14.0	13.0	24	14.0
21	9.0	6.0	5.0	4.0	6.0	5.0	3.0	4.0	4.0	8.0	11.0	6.0	3.0	3.0	2.0	2.0	3.0	2.0	2.0	4.0	2.0	2.0	2.0	3.0	24	11.0
22	4.0	2.0	-1.0	-2.0	1.0	4.0	4.0	3.0	1.0	.0	.0	2.0	4.0	2.0	1.0	2.0	2.0	1.0	6.0	7.0	7.0	6.0	7.0	5.0	24	7.0
23	6.0	6.0	5.0	4.0	3.0	4.0	3.0	3.0	3.0	7.0	14.0	12.0	16.0	10.0	15.0	18.0	15.0	14.0	16.0	12.0	11.0	7.0	5.0	4.0	24	18.0
24	3.0	.0	.0	1.0	1.0	2.0	1.0	2.0	2.0	5.0	3.0	3.0	6.0	4.0	1.0	2.0	5.0	4.0	3.0	4.0	5.0	12.0	10.0	8.0	24	12.0
25	10.0	6.0	6.0	7.0	6.0	7.0	4.0	3.0	3.0	4.0	4.0	3.0	6.0	5.0	4.0	6.0	4.0	2.0	2.0	2.0	2.0	4.0	9.0	9.0	24	10.0
26	7.0	6.0	7.0	4.0	2.0	2.0	5.0 6	4.0 6	3.0	3.0	5.0	4.0	4.0	2.0	1.0	.0	.0	10.0	10.0	6.0	9.0	11.0	14.0	10.0	24	14.0
27	8.0	9.0	7.0	5.0	8.0	5.0 6	4.0	4.0	5.0	4.0	7.0	10.0	8.0	7.0	7.0	5.0	5.0	5.0	4.0	5.0	6.0	14.0	11.0	9.0	24	14.0
28	7.0	5.0 6	5.0 6	7.0 6	5.0 6	6.0 6	6.0 6	5.0 6	5.0	AX	BA	BA	4.0	5.0	4.0	5.0	5.0	6.0	7.0	8.0	8.0	12.0	17.0	11.0	21	17.0
29	12.0	9.0	9.0	9.0	11.0	9.0	8.0	7.0	7.0	10.0	10.0	10.0	10.0	8.0	7.0	6.0	6.0	10.0	9.0	6.0	5.0	3.0	6.0	5.0	24	12.0
30	2.0	5.0	6.0	4.0	6.0	5.0	3.0	5.0	4.0	5.0	4.0	5.0	4.0	2.0	2.0	-1.0	-1.0	1.0	1.0	3.0	5.0	4.0	10.0	7.0	24	10.0
31																									0	
NO.:	25	25	25	25	25	25	25	25	23	22	22	24	25	25	25	25	25	25	25	25	25	25	25	25		
MAX:	18.0	18.0	18.0	18.0	11.0	11.0	9.0	9.0	13.0	12.0	14.0	13.0	16.0	10.0	15.0	18.0	15.0	14.0	16.0	14.0	12.0	17.0	19.0	22.0		
AVG:	7.52	6.77	7.03	6.22	5.75	5.29	4.60	4.82	4.89	5.65	5.85	5.72	5.99	5.45	5.09	4.72	4.22	4.62	5.25	5.85	6.06	7.76	9.18	8.54		

MONTHLY OBSERVATIONS: 591 MONTHLY MEAN: 5.96 MONTHLY MAX: 22.0

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

(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: JULY 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	5.0	5.0	3.0	1.0	1.0	1.0	.0	.0	1.0	1.0	2.0	5.0	6.0	5.0	4.0	6.0	7.0	6.0	9.0	10.0	7.0	5.0	7.0	6.0	24	10.0
2	8.0	5.0	2.0	4.0	6.0	6.0	6.0	6.0	4.0	6.0	5.0	3.0	4.0	5.0	4.0	3.0	4.0	5.0	7.0	6.0	5.0	7.0	11.0	14.0	24	14.0
3	10.0	8.0	8.0	8.0	6.0	5.0	5.0	4.0	7.0	6.0	5.0	4.0	5.0	9.0	7.0	7.0	7.0	6.0	7.0	9.0	10.0	10.0	13.0	10.0	24	13.0
4	6.0	7.0	7.0	6.0	4.0	5.0	5.0	4.0	4.0	6.0	7.0	8.0	13.0	10.0	6.0	5.0	4.0	4.0	3.0	7.0	8.0	13.0	13.0	15.0	24	15.0
5	15.0	10.0	12.0	7.0	7.0	6.0	5.0	6.0	6.0	6.0	4.0	4.0	3.0	2.0	2.0	5.0	9.0	6.0	5.0	4.0	5.0	6.0	4.0	5.0	24	15.0
6	3.0	5.0	4.0	4.0	4.0	3.0	3.0	2.0	3.0	5.0	6.0	5.0	3.0	2.0	3.0	2.0	1.0	-1.0	2.0	5.0	3.0	3.0	12.0	9.0	24	12.0
7	9.0	6.0	7.0	7.0	7.0	6.0	2.0	4.0	11.0	6.0	3.0	4.0	4.0	2.0	1.0	2.0	3.0	3.0	3.0	2.0	4.0	10.0	9.0	6.0	24	11.0
8	4.0	9.0	5.0	1.0	2.0	4.0	5.0	2.0	4.0	7.0	5.0	7.0	8.0	6.0	8.0	11.0	8.0	7.0	5.0	3.0	3.0	7.0	13.0	10.0	24	13.0
9	7.0	8.0	7.0	4.0	2.0	4.0	5.0	4.0	4.0	7.0	6.0	6.0	6.0	6.0	4.0	2.0	1.0	4.0	6.0	5.0	5.0	7.0	12.0	12.0	24	12.0
10	10.0	13.0	8.0	6.0	7.0	6.0	5.0	7.0	6.0	AX	AX	AX	8.0	7.0	6.0	5.0	5.0	3.0	2.0	5.0	8.0	10.0	18.0	16.0	21	18.0
11	13.0	9.0	6.0	3.0	4.0	6.0	4.0	3.0	6.0	6.0	13.0	12.0	9.0	8.0	6.0	6.0	4.0	4.0	2.0	3.0	9.0	15.0	19.0	18.0	24	19.0
12	24.0	13.0	10.0	8.0	9.0	8.0	9.0	8.0	12.0	12.0	10.0	10.0	9.0	12.0	10.0	9.0	7.0 6	7.0 6	6.0	11.0	9.0	12.0	11.0	9.0	24	24.0
13	10.0	9.0	8.0	7.0	7.0	9.0	8.0	6.0	10.0	7.0	6.0	5.0	6.0	6.0	3.0	4.0	3.0	3.0	4.0	3.0	4.0	5.0	8.0	7.0	24	10.0
14	4.0	4.0	5.0	3.0	1.0	3.0	3.0	1.0	3.0	7.0	6.0	9.0	8.0	6.0	5.0	8.0	6.0	5.0	3.0	7.0	6.0	7.0	7.0	8.0	24	9.0
15	9.0	6.0	8.0	6.0	5.0	5.0	4.0	4.0	6.0	3.0	1.0	2.0	4.0	5.0	2.0	3.0	4.0	6.0	5.0	3.0	5.0	7.0	6.0	3.0	24	9.0
16	3.0	7.0	8.0	6.0	6.0	7.0	7.0	6.0	9.0	8.0	6.0	7.0	6.0	3.0	4.0	8.0	7.0	5.0	5.0	6.0	6.0	9.0	9.0	9.0	24	9.0
17	10.0	9.0	8.0	7.0	7.0	6.0	4.0	5.0	7.0	9.0	6.0	6.0	4.0	5.0	6.0	9.0	6.0	4.0	6.0	5.0	6.0	7.0	8.0	7.0	24	10.0
18	6.0	6.0	5.0	4.0	7.0	5.0	9.0	6.0	6.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0	8.0	6.0	8.0	6.0	8.0	6.0	6.0	5.0	24	9.0
19	5.0	7.0	6.0	6.0	10.0	8.0	6.0	5.0	5.0	6.0	7.0	8.0	8.0	6.0	7.0	9.0	9.0 6	10.0 6	9.0 6	12.0	14.0	16.0	18.0	22.0	24	22.0
20	20.0	14.0	14.0	13.0	16.0	13.0	13.0	16.0	15.0	15.0	12.0	14.0	12.0	10.0	10.0	9.0	8.0	13.0	8.0	9.0	12.0	17.0	17.0	17.0	24	20.0
21	14.0	10.0	7.0	11.0	8.0	8.0	10.0	8.0	10.0	10.0	11.0	12.0	11.0	9.0	8.0	7.0 6	7.0 6	8.0	11.0	7.0	12.0	21.0	17.0	15.0	24	21.0
22	10.0	8.0	9.0	8.0	8.0	10.0	10.0	11.0	7.0	7.0	10.0	8.0	10.0	12.0	11.0	10.0	9.0	8.0	7.0	8.0	11.0	12.0	14.0	16.0	24	16.0
23	14.0	12.0	12.0	9.0	9.0	8.0	7.0	7.0	8.0	10.0	9.0	13.0	12.0	10.0	12.0	9.0	11.0	8.0	6.0	7.0	9.0	10.0	12.0	13.0	24	14.0
24	15.0	9.0	6.0	3.0	1.0	2.0	1.0	3.0	5.0	4.0	3.0	5.0	4.0	6.0	6.0	7.0	6.0	6.0	7.0	8.0	8.0	10.0	11.0	10.0	24	15.0
25	14.0	11.0	11.0	9.0	14.0	9.0	8.0	10.0	10.0	11.0	16.0	13.0	8.0	8.0	10.0	6.0	7.0 6	10.0 6	10.0 6	14.0	13.0	18.0	17.0	15.0	24	18.0
26	18.0	15.0	15.0	16.0	15.0	9.0	13.0	12.0	AX	AX	BA	BA	9.0	12.0	9.0	7.0	8.0 6	9.0 6	12.0 6	10.0	18.0	20.0	16.0	17.0	20	20.0
27	18.0	13.0	15.0	13.0	14.0	14.0	12.0	11.0	16.0	11.0	11.0	9.0	7.0	9.0	9.0	8.0	8.0	7.0	16.0	6.0	8.0	12.0	11.0	9.0	24	18.0
28	7.0	10.0	9.0	7.0	9.0	7.0	7.0	9.0	9.0	11.0	9.0	8.0	8.0	7.0	7.0	4.0	3.0	3.0	3.0	3.0	-1.0	-2.0	2.0	2.0	24	11.0
29	2.0	4.0	4.0	4.0	2.0	1.0	7.0	6.0	4.0	7.0	12.0	16.0	3.0	4.0	7.0	7.0	7.0	6.0	3.0	5.0	11.0	12.0	11.0	8.0	24	16.0
30	5.0	5.0	5.0	6.0	4.0	5.0	4.0	4.0	4.0	5.0	5.0	6.0	4.0	4.0	4.0	6.0	3.0	2.0	6.0	4.0	3.0	4.0	10.0	9.0	24	10.0
31	7.0	7.0	5.0	4.0	3.0	4.0	4.0	4.0	4.0	3.0	6.0	4.0	2.0	5.0	6.0	4.0	4.0	3.0	4.0	6.0	6.0	10.0	12.0	10.0	24	12.0
NO.:	31	31	31	31	31	31	31	31	30	29	29	29	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	24.0	15.0	15.0	16.0	16.0	14.0	13.0	16.0	16.0	15.0	16.0	16.0	13.0	12.0	12.0	11.0	11.0	13.0	16.0	14.0	18.0	21.0	19.0	22.0		
AVG:	9.84	8.52	7.71	6.48	6.61	6.23	6.16	5.94	6.87	7.10	7.10	7.48	6.68	6.58	6.13	6.13	5.94	5.68	6.13	6.42	7.58	9.87	11.42	10.71		

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: 7.31 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.

(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: AUGUST 2017

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

DAY	HOUR 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	10.0	6.0	5.0	5.0	6.0	6.0	7.0	7.0	7.0	5.0	9.0	6.0	6.0	7.0	8.0	6.0	8.0	7.0	8.0	11.0	13.0	13.0	12.0	24	13.0
2	11.0	8.0	8.0	7.0	7.0	6.0	7.0	5.0	9.0	8.0	10.0	13.0	11.0	10.0	8.0	6.0	6.0	8.0	10.0	10.0	9.0	11.0	12.0	12.0	24	13.0
3	11.0	13.0	10.0	8.0	12.0	10.0	9.0	11.0	16.0	8.0	11.0	10.0	16.0	8.0	9.0	8.0	6.0	5.0	4.0	6.0	15.0	13.0	13.0	14.0	24	16.0
4	10.0	9.0	10.0	12.0	9.0	9.0	8.0	7.0	14.0	10.0	10.0	11.0	9.0	6.0	6.0	7.0	6.0	AN	9.0	6.0	6.0	7.0	6.0	8.0	23	14.0
5	7.0	8.0	8.0	10.0	10.0	10.0	9.0	9.0	8.0	6.0	5.0	5.0	3.0	5.0	2.0	-1.0	2.0	5.0	3.0	2.0	4.0	14.0	23.0	12.0	24	23.0
6	7.0	5.0	4.0	6.0	5.0	5.0	3.0	.0	1.0	4.0	6.0	6.0	6.0	10.0	8.0	9.0	9.0	10.0	10.0	11.0	15.0	11.0	8.0	11.0	24	15.0
7	9.0	8.0	6.0	5.0	9.0	5.0	2.0	6.0	5.0	4.0	1.0	-1.0	-1.0	.0	3.0	7.0	9.0	10.0	8.0	6.0	9.0	7.0	5.0	4.0	24	10.0
8	3.0	7.0	6.0	1.0	-2.0	1.0	2.0	.0	-2.0	-1.0	.0	1.0	4.0	2.0	2.0	6.0	8.0	8.0	6.0	7.0	12.0	16.0	15.0	15.0	24	16.0
9	13.0	14.0	13.0	12.0	13.0	9.0	13.0	9.0	AX	BA	BA	9.0	9.0	7.0	8.0	7.0	5.0	7.0	8.0	11.0	9.0	9.0	6.0	9.0	21	14.0
10	6.0	14.0	9.0	6.0	12.0	9.0	9.0	7.0	9.0	7.0	6.0	7.0	5.0	6.0	4.0	3.0	3.0	4.0	4.0	3.0	5.0	13.0	7.0	2.0	24	14.0
11	4.0	4.0	6.0	6.0	4.0	4.0	3.0	3.0	4.0	3.0	4.0	4.0	3.0	3.0	5.0	4.0	4.0	3.0	2.0	2.0	3.0	5.0	4.0	1.0	24	6.0
12	1.0	1.0	1.0	.0	-1.0	-1.0	2.0	3.0	1.0	2.0	2.0	3.0	1.0	.0	1.0	1.0	1.0	2.0	7.0	8.0	4.0	.0	13.0	10.0	24	13.0
13	7.0	6.0	5.0	4.0	5.0	4.0	4.0	6.0	5.0	3.0	4.0	4.0	2.0	3.0	2.0	1.0	1.0	1.0	1.0	5.0	8.0	10.0	6.0	5.0	24	10.0
14	5.0	2.0	4.0	6.0	5.0	3.0	4.0	4.0	4.0	3.0	8.0	7.0	8.0	9.0	6.0	5.0	6.0	4.0	5.0	9.0	7.0	7.0	15.0	7.0	24	15.0
15	6.0	6.0	7.0	7.0	6.0	8.0	5.0	6.0	5.0	3.0	3.0	1.0	-1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	2.0	4.0	6.0	9.0	24	9.0
16	9.0	6.0	3.0	5.0	4.0	6.0	4.0	5.0	6.0	7.0	7.0	6.0	5.0	6.0	6.0	4.0	4.0	5.0	3.0	3.0	6.0	8.0	7.0	7.0	24	9.0
17	5.0	6.0	4.0	3.0	3.0	3.0	2.0	3.0	3.0	6.0	8.0	5.0	3.0	2.0	-1.0	1.0	3.0	2.0	1.0	2.0	2.0	3.0	4.0	5.0	24	8.0
18	5.0	3.0	1.0	4.0	3.0	2.0	.0	2.0	3.0	2.0	5.0	8.0	5.0	2.0	2.0	2.0	4.0	6.0	6.0	6.0	7.0	7.0	6.0	7.0	24	8.0
19	7.0	10.0	7.0	5.0	6.0	6.0	4.0	4.0	4.0	8.0	5.0	5.0	5.0	7.0	7.0	5.0	6.0	9.0	8.0	11.0	12.0	13.0	21.0	21.0	24	21.0
20	20.0	10.0	12.0	12.0	11.0	9.0	6.0	5.0	5.0	8.0	8.0	9.0	8.0	12.0	10.0	9.0	10.0	7.0	8.0	8.0	13.0	16.0	15.0	18.0	24	20.0
21	18.0	13.0	13.0	11.0	11.0	12.0	10.0	12.0	11.0	10.0	12.0	12.0	12.0	10.0	11.0	10.0	13.0	12.0	12.0	13.0	13.0	19.0	14.0	17.0	24	19.0
22	15.0	15.0	17.0	13.0	12.0	12.0	11.0	13.0	11.0	10.0	15.0	12.0	10.0	12.0	9.0	8.0	8.0	8.0	8.0	10.0	9.0	13.0	15.0	16.0	24	17.0
23	12.0	10.0	11.0	11.0	11.0	9.0	8.0	9.0	9.0	AX	BA	6.0	4.0	3.0	4.0	5.0	4.0	5.0	9.0	8.0	9.0	13.0	12.0	12.0	22	13.0
24	10.0	7.0	6.0	5.0	5.0	10.0	7.0	7.0	8.0	5.0	6.0	8.0	5.0	4.0	6.0	6.0	8.0	9.0	7.0	9.0	13.0	14.0	15.0	12.0	24	15.0
25	7.0	9.0	6.0	7.0	7.0	5.0	8.0	6.0	9.0	6.0	4.0	5.0	8.0	7.0	6.0	4.0	4.0	6.0	7.0	8.0	14.0	12.0	10.0	13.0	24	14.0
26	11.0	13.0	10.0	9.0	10.0	10.0	9.0	9.0	10.0	9.0	8.0	12.0	11.0	8.0	6.0	6.0	10.0	11.0	8.0	13.0	11.0	8.0	8.0	12.0	24	13.0
27	11.0	11.0	11.0	11.0	11.0	12.0	15.0	11.0	10.0	14.0	10.0	9.0	7.0	8.0	8.0	10.0	8.0	6.0	7.0	9.0	11.0	12.0	10.0	9.0	24	15.0
28	9.0	6.0	7.0	12.0	9.0	9.0	12.0	10.0	13.0	AZ	9.0 2	8.0 2	6.0 2	11.0 2	8.0 2	9.0 2	9.0 2	12.0 2	11.0 2	11.0 2	15.0 2	23.0 2	11.0 2	10.0 2	23	23.0
29	9.0 2	9.0 2	8.0 2	8.0 2	8.0 2	11.0 2	7.0 2	11.0 2	11.0 2	8.0 2	8.0 2	5.0 2	3.0 2	5.0 2	4.0 2	4.0 2	6.0 2	6.0 2	5.0 2	8.0 2	10.0 2	12.0 2	9.0 2	9.0 2	24	12.0
30	8.0 2	8.0 2	8.0 2	7.0 2	7.0 2	5.0 2	9.0 2	6.0 2	5.0 2	7.0 2	7.0 2	6.0 2	5.0 2	4.0 2	4.0 2	6.0 2	6.0 2	13.0 2	10.0 2	6.0 2	7.0 2	6.0 2	5.0 2	7.0 2	24	13.0
31	4.0 2	5.0 2	5.0 2	5.0 2	3.0 2	.0 2	3.0 2	3.0 2	5.0 2	3.0 2	2.0 2	5.0 2	5.0 2	3.0 2	2.0 2	3.0 2	1.0 2	-2.0 2	-2.0 2	3.0 2	2.0 2	3.0 2	5.0 2	2.0 2	24	5.0
NO.:	31	31	31	31	31	31	31	31	30	28	29	31	31	31	31	31	31	30	31	31	31	31	31	31		
MAX:	20.0	15.0	17.0	13.0	13.0	12.0	15.0	13.0	16.0	14.0	15.0	13.0	16.0	12.0	11.0	10.0	13.0	13.0	12.0	13.0	15.0	23.0	23.0	21.0		
AVG:	8.71	8.26	7.48	7.19	7.10	6.74	6.48	6.42	6.97	6.07	6.52	6.77	5.90	5.81	5.29	5.29	5.71	6.40	6.26	7.19	8.81	10.39	10.29	9.94		

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: 7.17 MONTHLY MAX: 23.0

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

(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: SEPTEMBER 2017

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

DAY	HOUR 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	3.0 2	3.0 2	5.0 2	4.0 2	3.0 2	6.0 2	6.0 2	4.0 2	4.0 2	3.0 2	4.0 2	6.0 2	3.0 2	.0 2	1.0 2	1.0 2	1.0 2	2.0 2	3.0 2	3.0 2	2.0 2	5.0 2	3.0 2	5.0 2	24	6.0
2	4.0 2	3.0 2	1.0 2	.0 2	2.0 2	1.0 2	-1.0 2	.0 2	.0 2	.0 2	-1.0 2	.0 2	2.0 2	1.0 2	1.0 2	1.0 2	3.0 2	6.0 2	7.0 2	10.0 2	17.0 2	15.0 2	20.0 2	21.0 2	24	21.0
3	21.0 2	17.0 2	16.0 2	8.0 2	11.0 2	12.0 2	11.0 2	15.0 2	8.0 2	8.0 2	10.0 2	9.0 2	11.0 2	8.0 2	5.0 2	3.0 2	6.0 2	6.0 2	5.0 2	7.0 2	12.0 2	8.0 2	9.0 2	10.0 2	24	21.0
4	7.0 2	11.0 2	8.0 2	16.0 2	8.0 2	6.0 2	5.0 2	6.0 2	4.0 2	6.0 2	6.0 2	5.0 2	5.0 2	5.0 2	6.0 2	6.0 2	5.0 2	3.0 2	5.0 2	9.0 2	9.0 2	7.0 2	8.0 2	7.0 2	24	16.0
5	7.0 2	9.0 2	8.0 2	7.0 2	7.0 2	6.0 2	5.0 2	6.0 2	7.0 2	6.0 2	8.0 2	6.0 2	9.0 2	9.0 2	14.0 2	10.0 2	15.0 2	12.0 2	6.0 2	5.0 2	4.0 2	8.0 2	8.0 2	7.0 2	24	15.0
6	5.0 2	5.0 2	8.0 2	6.0 2	4.0 2	6.0 2	8.0 2	9.0 2	AX	BA	BA	BC	9.0	9.0	8.0	8.0	9.0	7.0	5.0	8.0	8.0	7.0	8.0	7.0	20	9.0
7	9.0	6.0	6.0	6.0	3.0	.0 6	2.0 6	5.0	7.0	6.0	6.0	2.0	-1.0	1.0	1.0	1.0	3.0	4.0	4.0	5.0	6.0	6.0	9.0	8.0	24	9.0
8	6.0	6.0	4.0	4.0	5.0	4.0	2.0	3.0	5.0	AX	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	9	6.0
9	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
10	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
11	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
12	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
13	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
14	AO	AO	AO	AO	AO	AO	AO	AO	BA	BA	BA	BA	BA	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	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	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	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	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	0	
20	AN	AN	AN	AN	AN	AN	AN	AN	BC	BC	BC	.0	6.0	6.0	5.0	4.0	2.0	3.0	6.0	12.0	10.0	7.0	6.0	9.0	13	12.0
21	6.0	2.0	5.0	4.0	5.0	6.0	4.0	4.0	7.0	5.0	6.0	6.0	8.0	7.0	7.0	7.0	10.0	7.0	6.0	6.0	11.0	11.0	12.0	7.0	24	12.0
22	6.0	12.0	8.0	6.0	5.0	12.0	11.0	9.0	10.0	8.0	9.0	11.0	10.0	8.0	7.0	6.0	5.0	4.0	7.0	10.0	14.0	7.0	6.0	10.0	24	14.0
23	9.0	8.0	12.0	10.0	8.0	7.0	6.0	7.0	7.0	13.0	10.0	7.0	7.0	7.0	8.0	7.0	11.0	15.0	9.0	14.0	8.0	5.0	8.0	13.0	24	15.0
24	12.0	13.0	10.0	13.0	8.0	7.0	6.0	4.0	9.0	9.0	11.0	12.0	9.0	7.0	5.0	2.0	5.0	7.0	9.0	9.0	15.0	17.0	10.0	8.0	24	17.0
25	6.0	5.0	6.0	5.0	5.0	3.0	6.0	7.0	5.0	7.0	5.0	5.0	6.0	6.0	7.0	6.0	4.0	5.0	7.0	8.0	14.0	9.0	8.0	7.0	24	14.0
26	9.0	8.0	6.0	6.0	7.0	6.0	4.0	7.0	9.0	6.0	5.0	9.0	7.0	7.0	5.0	6.0	8.0	9.0	8.0	9.0	8.0	10.0	14.0	10.0	24	14.0
27	12.0	11.0	7.0	6.0	6.0	6.0	9.0	7.0	AX	BA	BC	8.0	9.0	27.0	8.0	7.0	7.0 6	7.0	10.0	10.0	14.0	13.0	12.0	12.0	21	27.0
28	13.0	11.0	14.0	11.0	10.0	9.0	7.0	10.0	9.0	9.0	11.0	10.0	9.0	8.0	7.0	9.0	10.0	12.0	25.0	27.0	42.0 V	21.0	24.0	24.0	24	42.0
29	14.0	18.0	14.0	15.0	10.0	11.0	12.0	7.0	10.0	8.0	7.0	12.0	10.0	14.0	11.0	10.0	8.0	7.0	11.0	11.0	19.0	25.0	23.0	15.0	24	25.0
30	18.0	19.0	11.0	7.0	8.0	12.0	7.0	4.0	4.0	7.0	9.0	5.0	6.0	5.0	7.0	5.0	1.0	2.0	6.0	15.0	27.0	11.0	16.0	13.0	24	27.0
31																									0	
NO.:	18	18	18	18	18	18	18	18	16	15	15	17	18	18	18	18	18	18	18	18	18	18	18	18		
MAX:	21.0	19.0	16.0	16.0	11.0	12.0	12.0	15.0	10.0	13.0	11.0	12.0	11.0	27.0	14.0	10.0	15.0	15.0	25.0	27.0	42.0	25.0	24.0	24.0		
AVG:	9.28	9.28	8.28	7.44	6.39	6.67	6.11	6.33	6.56	6.73	7.07	6.65	6.94	7.50	6.28	5.50	6.28	6.56	7.72	9.89	13.33	10.67	11.33	10.72		

MONTHLY OBSERVATIONS: 423 MONTHLY MEAN: 7.92 MONTHLY MAX: 42.0

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
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: OCTOBER 2017

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	8.0	8.0	9.0	10.0	6.0	5.0	5.0	6.0	5.0	5.0	6.0	6.0	5.0	4.0	4.0	4.0	3.0	5.0	4.0	6.0	10.0	6.0	4.0	7.0	24	10.0
2	6.0 6	5.0 6	5.0 6	6.0 6	6.0 6	3.0 6	2.0 6	2.0 6	3.0 6	6.0	4.0	1.0	.0	3.0	4.0	3.0	1.0	2.0	4.0	3.0	8.0	6.0	8.0	8.0	24	8.0
3	11.0	8.0	9.0	6.0 6	6.0 6	8.0 6	8.0 6	5.0 6	5.0 6	6.0	5.0	6.0	6.0	4.0	3.0	7.0	6.0	6.0	6.0	7.0	17.0	19.0	8.0	7.0	24	19.0
4	7.0	8.0	6.0	6.0 6	7.0 6	7.0 6	4.0 6	11.0 6	9.0 6	7.0	8.0	8.0	6.0	4.0	3.0	1.0	1.0	1.0	3.0	5.0	7.0	8.0	8.0	6.0	24	11.0
5	4.0	5.0	5.0 6	3.0 6	3.0 6	5.0 6	5.0 6	5.0 6	3.0 6	3.0	3.0	4.0	2.0	4.0	4.0	3.0	5.0	4.0	3.0	7.0	14.0	13.0	9.0	12.0	24	14.0
6	7.0	6.0	9.0	9.0 6	9.0 6	8.0 6	5.0 6	6.0 6	7.0 6	5.0	11.0	11.0	17.0	11.0	8.0	6.0	8.0	7.0	6.0	10.0	10.0	9.0	10.0	8.0	24	17.0
7	10.0	10.0	16.0	18.0	11.0	10.0	11.0	11.0	8.0	8.0	8.0	7.0	5.0	3.0	3.0	.0	4.0	4.0	4.0	4.0	6.0	9.0	8.0	9.0	24	18.0
8	7.0	4.0	3.0	6.0	5.0	2.0	2.0	6.0	5.0	4.0	4.0	3.0	4.0	3.0	1.0	2.0	1.0	3.0	6.0	5.0	6.0	5.0	3.0	5.0	24	7.0
9	4.0	2.0	3.0	4.0	5.0	5.0	2.0	.0	.0	2.0	4.0	3.0	1.0	1.0	2.0	2.0	1.0	2.0	5.0	6.0	6.0	10.0	8.0	11.0	24	11.0
10	12.0	8.0	6.0	6.0	6.0	6.0	6.0	AX	AX	BA	BA	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	7	12.0
11	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AX	BA	BC	6.0	7.0	10.0	10.0	10.0	10.0	16.0	9.0	10.0	9.0	10	16.0
12	12.0	9.0	7.0	7.0	5.0	9.0	7.0	6.0	6.0	7.0	9.0	8.0	9.0	7.0	6.0	4.0	3.0	1.0	2.0	3.0	6.0	9.0	9.0	10.0	24	12.0
13	13.0	11.0	6.0	5.0	4.0	3.0	5.0	5.0	5.0	5.0	7.0	7.0	6.0	6.0	8.0	6.0	5.0	9.0	10.0	10.0	17.0	17.0	15.0	12.0	24	17.0
14	11.0	16.0	8.0	10.0	7.0	10.0	11.0	8.0	6.0	10.0	10.0	8.0	11.0	8.0	9.0	5.0	7.0	8.0	7.0	15.0	23.0	16.0	20.0	16.0	24	23.0
15	22.0	12.0	18.0	10.0	7.0	10.0	10.0	8.0	10.0	11.0	11.0	11.0	8.0	6.0	5.0	4.0	3.0	4.0	5.0	6.0	5.0	5.0	5.0	6.0	24	22.0
16	5.0	5.0	3.0	2.0	.0	-1.0	1.0	1.0	2.0	2.0	.0	2.0	2.0	-2.0	-2.0	.0	4.0	4.0	4.0	7.0	7.0 6	5.0 6	4.0 6	3.0 6	24	7.0
17	2.0 6	3.0 6	5.0 6	3.0 6	2.0 6	2.0 6	1.0 6	2.0 6	2.0 6	4.0 6	3.0 6	1.0	4.0	3.0	2.0	2.0	.0	.0	1.0	2.0	10.0	15.0 6	8.0 6	6.0 6	24	15.0
18	7.0 6	6.0 6	5.0 6	4.0 6	3.0 6	5.0 6	3.0 6	.0 6	2.0 6	3.0 6	4.0	7.0	5.0	3.0	3.0	5.0	4.0	1.0	2.0	4.0	9.0	7.0	9.0 6	16.0 6	24	16.0
19	14.0 6	10.0 6	8.0 6	9.0 6	6.0 6	7.0 6	8.0 6	5.0 6	5.0 6	3.0 6	3.0	5.0	5.0	5.0	3.0	1.0	2.0	2.0	2.0	5.0	6.0	7.0 6	8.0 6	7.0 6	24	14.0
20	8.0 6	12.0 6	11.0 6	8.0 6	8.0 6	10.0 6	6.0 6	6.0 6	6.0 6	12.0	6.0	3.0	5.0	5.0	3.0	2.0	3.0	6.0	4.0	9.0	10.0	20.0	23.0	28.0 6	24	28.0
21	20.0 6	25.0 6	23.0 6	14.0 6	16.0 6	11.0 6	12.0 6	10.0 6	9.0 6	14.0	8.0	5.0	4.0	5.0	3.0	3.0	3.0	4.0	10.0	16.0	19.0	16.0	16.0	17.0	24	25.0
22	16.0 6	16.0 6	18.0 6	18.0 6	22.0 6	18.0 6	12.0 6	12.0 6	15.0 6	8.0	9.0	9.0	6.0	4.0	3.0	3.0	1.0	2.0	5.0	6.0	5.0	2.0	.0	.0	24	22.0
23	-1.0	1.0	5.0	4.0	1.0	.0	1.0	1.0	.0	1.0	1.0	.0	.0	2.0	3.0	.0	-1.0	-1.0	.0	-1.0	.0	1.0	2.0	1.0	24	5.0
24	1.0	3.0 6	2.0 6	3.0 6	4.0 6	5.0 6	4.0 6	2.0 6	AX	BA	BA	5.0	5.0	5.0	2.0	.0	4.0	6.0	3.0	1.0	6.0	10.0	10.0	7.0	21	10.0
25	10.0	6.0	6.0	5.0	5.0	3.0	3.0	4.0	4.0	6.0	5.0	5.0	3.0	.0	.0	2.0	4.0	4.0	4.0	7.0	14.0	11.0	8.0	8.0	24	14.0
26	8.0	7.0	4.0	2.0	1.0	2.0	3.0	6.0	9.0	8.0	5.0	3.0	.0	1.0	3.0	2.0	3.0	2.0	3.0	6.0	9.0	13.0	16.0	10.0	24	16.0
27	7.0	7.0	8.0	6.0	10.0	7.0	5.0	8.0	7.0	9.0	10.0	6.0	3.0	4.0	4.0	3.0	4.0	5.0	3.0	5.0	19.0	10.0	10.0	7.0	24	19.0
28	10.0	10.0	8.0	7.0	4.0	4.0	7.0	11.0	9.0	10.0	8.0	8.0	9.0	7.0	5.0	4.0	2.0	5.0	5.0	3.0	1.0	1.0	1.0	3.0	24	11.0
29	3.0	1.0	1.0	3.0	4.0	3.0	.0	-1.0	.0	3.0	1.0	.0	1.0	.0	1.0	3.0	1.0	2.0	2.0	1.0	3.0	1.0	3.0	3.0	24	4.0
30	3.0	4.0	4.0	5.0	4.0	3.0	3.0	4.0	6.0	6.0	3.0	2.0	2.0	1.0	4.0	3.0	1.0	1.0	3.0	5.0	6.0	9.0	7.0	8.0	24	9.0
31	10.0	10.0	11.0	6.0	2.0	4.0	6.0	6.0	7.0	9.0	6.0	5.0	9.0	8.0	5.0	3.0	6.0	8.0	12.0	11.0	13.0	11.0	13.0	13.0	24	13.0
NO.:	30	30	30	30	30	30	30	29	28	28	28	29	29	29	30	30	30	30	30	30	30	30	30	30		
MAX:	22.0	25.0	23.0	18.0	22.0	18.0	12.0	12.0	15.0	14.0	11.0	11.0	17.0	11.0	9.0	7.0	10.0	10.0	12.0	16.0	23.0	20.0	23.0	28.0		
AVG:	8.57	7.93	7.73	6.83	5.97	5.80	5.27	5.38	5.54	6.32	5.79	5.14	4.93	3.97	3.60	3.00	3.30	3.90	4.60	6.13	9.60	9.33	8.77	8.77		

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: 6.10 MONTHLY MAX: 28.0

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

(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: NOVEMBER 2017

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

DAY	HOUR 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	10.0	12.0	10.0	8.0	8.0	10.0	8.0	10.0	8.0	12.0	10.0	12.0	8.0	7.0	5.0	6.0	6.0	7.0	7.0	11.0	10.0	12.0	14.0	24	14.0
2	14.0	12.0	10.0	13.0	10.0	9.0	14.0	13.0	14.0	13.0	12.0	11.0	8.0	11.0	7.0	8.0	10.0	8.0	9.0	10.0	11.0	9.0	14.0	17.0	24	17.0
3	15.0	11.0	11.0	10.0	11.0	11.0	11.0	12.0	10.0	9.0	11.0	9.0	8.0	10.0	12.0	6.0	6.0	9.0	8.0	8.0	6.0	8.0	5.0	5.0	24	15.0
4	13.0	10.0	8.0	6.0	5.0	5.0	3.0	4.0	3.0	2.0	4.0	5.0	6.0	6.0	6.0	6.0	5.0	5.0	12.0	9.0	10.0	14.0	18.0	24.0	24	24.0
5	15.0	14.0	14.0	13.0	10.0	8.0	7.0	10.0	10.0	7.0	8.0	7.0	7.0	7.0	6.0	4.0 6	6.0	9.0	5.0	9.0	9.0	7.0	10.0	11.0	24	15.0
6	14.0	12.0	12.0	8.0	12.0	8.0	10.0	8.0	7.0	10.0	8.0	8.0	9.0	10.0	12.0	12.0	10.0	8.0	9.0	13.0	58.0 V	24.0	14.0	16.0	24	58.0
7	16.0	10.0	16.0	14.0	12.0	11.0	10.0	9.0	9.0	AX	BA	BA	-1.0	3.0	2.0	1.0	.0	2.0	4.0	2.0	1.0	5.0	4.0	3.0	21	16.0
8	5.0	8.0	7.0	6.0	4.0	5.0	5.0	3.0	4.0	2.0	1.0	3.0	3.0	2.0	1.0	3.0	2.0	2.0	2.0	2.0	2.0	.0	.0	1.0	24	8.0
9	-1.0	1.0	2.0	.0	.0	.0	1.0	3.0	3.0	2.0	1.0	3.0	3.0	1.0	.0	1.0	4.0	2.0	3.0	5.0	2.0	.0	2.0	2.0	24	5.0
10	2.0	3.0	1.0	1.0	2.0	3.0	1.0	.0	2.0	2.0	3.0	3.0	2.0	2.0	2.0	3.0	4.0	7.0	8.0	10.0	9.0	11.0	12.0	11.0	24	12.0
11	12.0	12.0	11.0	11.0	13.0	11.0	10.0	8.0	7.0	14.0	11.0	7.0	7.0	6.0	7.0	7.0	9.0	8.0	12.0	12.0	20.0	21.0	25.0	28.0	24	28.0
12	24.0	23.0	13.0	16.0	12.0	8.0	8.0	8.0	8.0	7.0	8.0	6.0	8.0	7.0	7.0	7.0	6.0	7.0	6.0	6.0	14.0	12.0	7.0	10.0	24	24.0
13	11.0	11.0	7.0	6.0	6.0	5.0	10.0	8.0	7.0	7.0	6.0	5.0	4.0	4.0	4.0	5.0	3.0	7.0	7.0	7.0	7.0	5.0	5.0	6.0	24	11.0
14	9.0	7.0	5.0	4.0	7.0	9.0	8.0	6.0	8.0	8.0	12.0	11.0	9.0	5.0	5.0	3.0	4.0	4.0	9.0	12.0	12.0	6.0	10.0	8.0	24	12.0
15	15.0	11.0	11.0	13.0	10.0	12.0	9.0	14.0	10.0	20.0	12.0	8.0	6.0	7.0	6.0	6.0	6.0	5.0	6.0	7.0	9.0	8.0	10.0	6.0	24	20.0
16	8.0	10.0	7.0	8.0	8.0	9.0	8.0	8.0	8.0	6.0	6.0	5.0	3.0	3.0	2.0	2.0	5.0	4.0	8.0	10.0	10.0	7.0	9.0	7.0	24	10.0
17	7.0	7.0	6.0	5.0	6.0	5.0	5.0	9.0	6.0	10.0	12.0	8.0	5.0	6.0	5.0	3.0	1.0	2.0	7.0	12.0	10.0	15.0	19.0	16.0	24	19.0
18	16.0	18.0	16.0	13.0	11.0	15.0	16.0	14.0	12.0	11.0	10.0	12.0	14.0	16.0	17.0	16.0	23.0	31.0	32.0	28.0	30.0	25.0	28.0	7.0	24	32.0
19	5.0	5.0	4.0	3.0	2.0	1.0	3.0	3.0	1.0	1.0	2.0	5.0	4.0	6.0	5.0	4.0	7.0	6.0	10.0	12.0	8.0	8.0	7.0	5.0	24	12.0
20	9.0	12.0	10.0	13.0	10.0	14.0	9.0	11.0	11.0	12.0	13.0	8.0	7.0	4.0	2.0	2.0	3.0	5.0	10.0	9.0	12.0	19.0	13.0	13.0	24	19.0
21	20.0	17.0	12.0	14.0	12.0	11.0	9.0	8.0	BA	BA	BA	17.0	9.0	7.0	9.0	7.0	5.0	5.0	12.0	9.0	9.0	16.0	19.0	24.0	21	24.0
22	18.0	15.0	14.0	13.0	7.0	9.0	8.0	6.0	4.0	6.0	7.0	7.0	5.0	3.0	2.0	2.0	2.0	5.0	10.0	8.0	11.0	9.0	12.0	13.0	24	18.0
23	17.0	11.0	10.0	10.0	13.0	10.0	8.0	11.0	7.0	14.0	10.0	8.0	7.0	5.0	7.0	7.0	9.0	6.0	10.0	12.0	17.0	24.0	21.0	21.0	24	24.0
24	19.0	16.0	16.0	14.0	11.0	15.0	13.0	10.0	15.0	13.0	15.0	12.0	8.0	5.0	8.0	6.0	5.0	6.0	12.0	14.0	14.0	16.0	11.0	22.0	24	22.0
25	22.0	22.0	16.0	17.0	14.0	13.0	12.0	10.0	14.0	16.0	17.0	12.0	12.0	10.0	10.0	10.0	9.0	7.0	8.0	17.0	12.0	12.0	17.0	15.0	24	22.0
26	18.0	16.0	12.0	11.0	12.0	16.0	9.0	14.0	13.0	10.0	8.0	6.0	3.0	1.0	1.0	.0	3.0	2.0	5.0	10.0	6.0	13.0	12.0	10.0	24	18.0
27	9.0	10.0	11.0	10.0	7.0	6.0	8.0	7.0	6.0	15.0	7.0	6.0	4.0	2.0	2.0	2.0	3.0	3.0	7.0	19.0	17.0	16.0	13.0	16.0	24	19.0
28	14.0	12.0	14.0	14.0	14.0	12.0	12.0	14.0	15.0	14.0	15.0	AZ	10.0	5.0	1.0	3.0	6.0	6.0	13.0	23.0	27.0	26.0	28.0	23.0	23	28.0
29	25.0	26.0	23.0	24.0	26.0	17.0	15.0	16.0	16.0	18.0	16.0	11.0	9.0	9.0	7.0	7.0	7.0	10.0	10.0	16.0	23.0	17.0	17.0	19.0	24	26.0
30	14.0	17.0	24.0	26.0	20.0	15.0	20.0	21.0	19.0	21.0	15.0	11.0	8.0	14.0	9.0	9.0	10.0	12.0	30.0	18.0	18.0	18.0	19.0	14.0	24	30.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	29	28	28	28	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	25.0	26.0	24.0	26.0	26.0	17.0	20.0	21.0	19.0	21.0	17.0	17.0	14.0	16.0	17.0	16.0	23.0	31.0	32.0	28.0	58.0	26.0	28.0	28.0		
AVG:	13.23	12.30	11.17	10.87	9.83	9.37	9.07	9.20	8.93	9.93	9.36	8.00	6.63	6.17	5.70	5.23	5.97	6.63	9.70	11.20	13.50	12.70	13.10	12.90		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: 9.62 MONTHLY MAX: 58.0

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
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: DECEMBER 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	19.0	14.0	15.0	12.0	10.0	15.0	12.0	14.0	9.0	6.0	4.0	5.0	6.0	5.0	8.0	8.0	10.0	6.0	12.0	12.0	12.0	16.0	23.0	16.0	24	23.0
2	19.0	16.0	14.0	12.0	15.0	13.0	14.0	11.0	14.0	16.0	12.0	11.0	15.0	10.0	10.0	9.0	9.0	10.0	11.0	22.0	16.0	36.0	36.0	24.0	24	36.0
3	11.0	17.0	15.0	13.0	12.0	11.0	9.0	10.0	8.0	9.0	9.0	11.0	9.0	6.0	5.0	6.0	6.0	6.0	6.0	13.0	20.0	17.0	11.0	13.0	24	20.0
4	15.0	12.0	13.0	10.0	10.0	9.0	11.0	7.0	9.0	13.0	13.0	9.0	9.0	10.0	9.0	7.0	10.0	10.0	18.0	24.0	22.0	25.0	24.0	23.0	24	25.0
5	12.0	16.0	21.0	16.0	16.0	18.0	16.0	16.0	17.0	AX	BA	BA	27.0 6	21.0 6	24.0 6	10.0 6	14.0 6	8.0	5.0	7.0	7.0	6.0	9.0	9.0	21	27.0
6	7.0	4.0	2.0	2.0	3.0	5.0	5.0	7.0	6.0	4.0	4.0	3.0	3.0	3.0	4.0	5.0	4.0	5.0	4.0	8.0	7.0	10.0	11.0	12.0	24	12.0
7	11.0	10.0	7.0	5.0	8.0	9.0	11.0	12.0	9.0	16.0	10.0	6.0	5.0	3.0	3.0	3.0	6.0	4.0	4.0	5.0	6.0	6.0	4.0	9.0	24	16.0
8	6.0	3.0	4.0	3.0	5.0	8.0	9.0	6.0	5.0	8.0	6.0	7.0	7.0	8.0	AN	4.0	8.0	7.0	8.0	15.0	15.0	12.0	18.0	17.0	23	18.0
9	8.0	6.0	5.0	2.0	3.0	3.0	AN	7.0	4.0	2.0	2.0	AN	5.0	4.0	3.0	3.0	3.0	6.0	6.0	8.0	5.0	7.0	7.0	8.0	22	8.0
10	8.0	9.0	8.0	10.0	9.0	8.0	10.0	8.0 6	9.0 6	9.0	11.0	8.0	6.0	5.0	6.0	6.0	4.0	4.0	5.0	5.0	21.0	16.0	16.0	14.0	24	21.0
11	13.0	16.0	11.0	8.0	8.0	10.0	7.0	8.0	14.0	13.0	11.0	10.0	9.0	6.0	4.0	4.0	5.0	6.0	12.0	8.0	7.0	12.0	15.0	18.0	24	18.0
12	19.0	15.0	13.0	14.0	12.0	11.0	12.0	12.0	17.0	8.0	7.0	6.0	6.0	5.0	3.0	2.0	3.0	6.0	8.0	7.0	8.0	7.0	8.0	7.0	24	19.0
13	5.0	5.0	5.0	2.0	2.0	4.0	5.0	4.0	6.0	6.0	3.0	2.0	1.0	3.0	1.0	1.0	.0	-1.0	.0	4.0	7.0	8.0	9.0	13.0	24	13.0
14	19.0	17.0	11.0	19.0	25.0	26.0	26.0	31.0	23.0	11.0	7.0	7.0	6.0	3.0	3.0	4.0	3.0	2.0	3.0	5.0	8.0	6.0	8.0	13.0	24	31.0
15	16.0	16.0	16.0	11.0	14.0	11.0	11.0	13.0	10.0	14.0	13.0	11.0	13.0	13.0	12.0	13.0	14.0	16.0	15.0	14.0	13.0	14.0	18.0	24.0	24	24.0
16	16.0	19.0	13.0	18.0	15.0	16.0	19.0	21.0	19.0	22.0	18.0	12.0	11.0	8.0	5.0	4.0	5.0	7.0	11.0	16.0	17.0	23.0	20.0	20.0	24	23.0
17	19.0	28.0	25.0	28.0	27.0	30.0	27.0	27.0	28.0	24.0	26.0	19.0	13.0	11.0	10.0	12.0	15.0	13.0	14.0	13.0	13.0	19.0	15.0	16.0	24	30.0
18	20.0	15.0	18.0	18.0	18.0	20.0	20.0	17.0	22.0	18.0	10.0	6.0	7.0	7.0	9.0	4.0	1.0	3.0	9.0	28.0	13.0	7.0	7.0	7.0	24	28.0
19	9.0	7.0	22.0	21.0	19.0	19.0	20.0	21.0	24.0	21.0	17.0	12.0	8.0	4.0	3.0	3.0	1.0	3.0	10.0	12.0	7.0	10.0	11.0	10.0	24	24.0
20	11.0	10.0	13.0	11.0	7.0	7.0	7.0	6.0	6.0	6.0	6.0	8.0	5.0	2.0	6.0	6.0	5.0	5.0	7.0	5.0	7.0	10.0	8.0	4.0	24	13.0
21	3.0	2.0	.0	2.0	.0	4.0	5.0	5.0	5.0	AX	BA	BA	2.0 6	2.0	.0	2.0	3.0	3.0	10.0	8.0	8.0	9.0	11.0	11.0	21	11.0
22	12.0	9.0	10.0	11.0	12.0	8.0	6.0	7.0	9.0	6.0	5.0	7.0	5.0	5.0	4.0	5.0	6.0	8.0	10.0	12.0	17.0	16.0	14.0	18.0	24	18.0
23	13.0	11.0	12.0	10.0	11.0	9.0	9.0	12.0	9.0	6.0	4.0	6.0	5.0	2.0	2.0	2.0	.0	4.0	5.0	5.0	4.0	1.0	1.0	3.0	24	13.0
24	2.0	1.0	.0	.0	2.0	2.0	3.0	3.0	1.0	.0	.0	2.0	2.0	1.0	.0	1.0	1.0	1.0	2.0	6.0	4.0	2.0	2.0	4.0	24	6.0
25	2.0	4.0	5.0	5.0	6.0	6.0 6	9.0 6	7.0	7.0	6.0	8.0	5.0	2.0	7.0	5.0	2.0	2.0	5.0	5.0	4.0	4.0	5.0	8.0	8.0	24	9.0
26	6.0	7.0	6.0	4.0	7.0	5.0	6.0	8.0	6.0	8.0	8.0	7.0	5.0	3.0	2.0	.0	.0	6.0	10.0	18.0	13.0	18.0	13.0	16.0	24	18.0
27	15.0	16.0	16.0	12.0	10.0	9.0	17.0	17.0	15.0	12.0	12.0	10.0	6.0	4.0	5.0	5.0	6.0	6.0	8.0	16.0	9.0	7.0	11.0	11.0	24	17.0
28	13.0	12.0	10.0	18.0	21.0	12.0	11.0	13.0	11.0	9.0	15.0	14.0	8.0	9.0	7.0	9.0	10.0	8.0	8.0	16.0	21.0	21.0	27.0	23.0	24	27.0
29	22.0	20.0	19.0	14.0	19.0	19.0	10.0	12.0	12.0	8.0	15.0	15.0	11.0	8.0	7.0	6.0	3.0	2.0	7.0	13.0	12.0	16.0	21.0	20.0	24	22.0
30	21.0	21.0	16.0	23.0	18.0	20.0	13.0	19.0	16.0	17.0	12.0	9.0	4.0	1.0	5.0	5.0	8.0	8.0	15.0	15.0	15.0	22.0	28.0	19.0	24	28.0
31	17.0	13.0	13.0	15.0	13.0	12.0	13.0	10.0	22.0	27.0	20.0	16.0	15.0	12.0	17.0	11.0	12.0	14.0	10.0	7.0	13.0	11.0	12.0	9.0	24	27.0
NO.:	31	31	31	31	31	31	30	31	31	29	29	28	31	31	30	31	31	31	31	31	31	31	31	31		
MAX:	22.0	28.0	25.0	28.0	27.0	30.0	27.0	31.0	28.0	27.0	26.0	19.0	27.0	21.0	24.0	13.0	15.0	16.0	18.0	28.0	22.0	36.0	36.0	24.0		
AVG:	12.55	11.97	11.55	11.26	11.52	11.58	11.77	11.97	12.00	11.21	9.93	8.71	7.61	6.16	6.07	5.23	5.71	6.16	8.32	11.32	11.32	12.74	13.74	13.52		

MONTHLY OBSERVATIONS: 735 MONTHLY MEAN: 10.17 MONTHLY MAX: 36.0

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: 37-183-0014 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: (145) R & P Model 2025 PM-2.5 Sequential
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2017

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	8.9			2.1	5.6				6.0	4.3		
2			3.3					11.4				
3		5.2				11.1	9.0	15.1			11.6	14.4
4	4.1			6.0	6.7				11.3	BJ		
5			7.4					5.7				
6		10.0				7.4	BJ			7.2	11.9	4.7
7	5.6 V			2.4	3.9		5.3		6.4	5.8		
8			4.7					5.0				
9		2.9				6.8	8.3				1.2 V	3.9
10	AG			7.0	14.1				3.7	10.1		
11	6.5		5.0					6.7				
12		12.8				10.4	8.8				9.3	6.8
13	7.2			9.4	2.0				5.9	5.1		
14			2.8					10.9				
15		8.6				9.9	8.8				8.0	9.7
16	6.0			16.2	11.6				10.6	5.4		
17			8.9					AN				
18		12.3				7.8	6.3				9.0	19.1
19	5.7			6.8	8.8			9.5	10.0	8.0		
20			7.0					12.4				
21		10.5				4.7	14.8				8.7	7.5
22	3.2			8.9	6.0				11.3	12.0		
23			4.9					9.9				
24		7.7				5.7	7.5				11.6	4.0
25	5.5			1.5 V	4.3				6.4	4.3		
26			4.8					9.4				
27		7.7				6.8	AN				9.2	5.7
28	4.4			12.4	8.2				12.3	7.8		
29			6.2					2.2				
30						5.4	5.0				16.5	16.0
31	8.3				9.3					8.5		
NO.:	11	9	10	10	11	10	9	11	10	11	10	10
MAX:	8.9	12.8	8.9	16.2	14.1	11.1	14.8	15.1	12.3	12.0	16.5	19.1
MEAN:	5.95	8.63	5.50	7.27	7.32	7.60	8.20	8.93	8.39	7.14	9.70	9.18

ANNUAL OBSERVATIONS: 122 ANNUAL MEAN: 7.79 ANNUAL MAX: 19.1

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

(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: 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 2017

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

DAY	HOUR 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	14.3	15.8	9.7	10.7	11.2	12.8	12.1	12.1	12.1	14.6	10.2	11.4	8.8	10.2	9.7	8.0	10.0	9.0	11.4	10.7	14.6	16.1	15.1	12.9	24	16.1
2	10.0	6.1	6.1	7.1	7.1	4.1	9.3	7.1	4.4	3.9	6.6	6.6	2.8	.8	5.1	4.1	3.0	3.3	6.3	7.1	9.3	9.3	9.3	7.8	24	10.0
3	4.4	7.0	9.7	5.8	3.0	5.3	4.6	6.0	8.5	7.0	6.8	7.5	9.2	10.7	5.5	7.7	6.5	4.1	6.3	7.0	8.2	8.2	9.4	9.4	24	10.7
4	11.4	10.4	9.9	10.9	14.8	12.3	15.7	11.4	12.5	11.1	AX	AX	BA	BA	.7	4.5	5.0	5.5	3.1	4.5	9.2	9.7	5.8	9.7	20	15.7
5	10.6	6.5	5.8	11.1	9.7	10.9	8.2	11.6	8.2	8.5	7.2	5.3	9.2	8.5	8.7	8.5	11.4	9.0	10.9	11.6	8.0	5.3	7.7	11.9	24	11.9
6	9.7	13.8	12.8	11.4	11.6	12.6	13.1	11.1	8.5	14.1	10.4	9.9	11.4	10.2	8.2	14.8	14.3	11.4	10.4	12.8	11.2	9.4	14.0	16.2	24	16.2
7	9.2	9.9	11.1	10.9	9.0	15.8	15.8	10.7	9.7	10.2	7.7	10.4	8.5	9.5	10.2	8.2	12.6	16.5	14.8	16.0	14.6	17.2	13.8	16.5	24	17.2
8	10.9	18.1	16.1	16.1	17.7 6	16.4 6	15.1 6	14.0 6	14.0 6	13.6	12.4	12.1	10.0	15.3	10.9	11.9	11.9	14.1	19.3	28.3	26.8	31.2	32.9	18.3	24	32.9
9	13.8	14.1	13.6	14.1	17.0 6	14.4 6	13.0 6	17.1 6	17.3 6	10.9	15.1	10.5	11.0	16.0 6	12.0	10.0	10.9	17.0	26.9	22.0	22.9	29.6	27.4	30.6	24	30.6
10	22.0	25.7	24.9	24.7	24.2	20.8	16.1	20.8	20.8	15.8	15.8	13.9	14.9	15.3	5.1	8.0	7.8	10.5	14.4	12.6	17.7	12.6	11.9	12.7	24	25.7
11	14.6	11.4	9.5	8.8	8.3	7.6	11.9	9.5	11.2	10.5	14.4	12.7	10.3	14.2	12.2	6.8	9.2	11.0	8.0	17.4	9.3	12.2	8.1	4.4	24	17.4
12	2.1	1.3	1.3	.8	3.3	3.0	4.6	5.8	7.6	7.1	5.1	3.9	2.7	3.9	5.1	5.8	5.3	8.2	10.7	10.2	10.7	10.2	9.2	8.5	24	10.7
13	5.8	7.8	7.6	9.0	10.2	16.5	9.0	14.8	13.4	14.6	12.1	11.9	7.3	8.5	10.0	8.0	6.1	5.1	8.7	9.0	15.1	8.8	10.5	12.4	24	16.5
14	9.7	6.8	7.0	9.0	7.3	11.2	9.7	8.5	9.7	10.9	9.0	7.3	9.7	8.5	11.4	11.9	12.4	18.3	18.4	21.0	20.3	28.3	19.1	21.7	24	28.3
15	20.8	22.0	19.6	19.8	18.6	20.0	21.0	21.2	17.2	16.8	13.8	9.5	9.2	8.5	7.8	8.3	8.3	7.3	4.2	9.0	8.8	9.3	9.3	9.7	24	22.0
16	9.3	10.0	11.4	7.5	6.8	11.9	11.0	11.7	8.3	12.4	12.6	9.5	7.8	9.7	8.0	11.4	14.1	14.6	10.7	18.4	12.1	15.8	15.1	10.9	24	18.4
17	16.8	16.1	14.1	17.0	21.2	21.0	23.4	32.4	27.3	24.4	20.0	12.7	9.0	12.1	10.9	11.7	11.7	17.0	10.2	10.5	14.1	11.2	7.8	9.0	24	32.4
18	8.0	9.3	9.7	11.0	12.6	16.3	11.5	17.3	16.6	15.1	AX	AX	BA	BA	5.8	4.9	3.5	3.3	7.0	5.8	8.8	8.3	8.0	6.3	20	17.3
19	5.1	6.8	5.8	7.8	8.5	11.0	5.8	7.3	13.6	8.0	7.1	8.7	8.5	9.0	6.3	8.3	7.0	16.8	12.4	11.2	9.3	18.1	15.5	15.8	24	18.1
20	11.4	17.2	16.5	16.9	11.9	15.1	15.3	13.6	17.1	14.3	12.1	11.1	14.6	12.1	17.0	15.0	9.2	14.8	14.8	12.8	19.8	13.6	19.0	19.3	24	19.8
21	11.1	16.0	13.3	9.2	6.8	8.0	6.5	5.8	6.3	5.1	4.3	4.1	5.6	7.5	9.5	11.9	9.7	12.6	10.2	5.8	4.1	4.1	4.8	6.3	24	16.0
22	7.2	7.0	4.6	2.0	1.0	4.8	6.5	3.5	3.0	4.8	2.5	4.1	11.1	7.5	4.6	3.2	5.8	3.6	3.6	5.3	8.5	8.5	4.6	3.7	24	11.1
23	4.3	2.2	2.2	2.2	.3	2.2	1.7	.3	5.3	4.1	3.2	2.5	2.0	7.0	4.8	7.9	7.2	10.9	7.0	5.1	3.4	4.3	4.8	5.3	24	10.9
24	4.3	3.6	3.0	2.5	2.7	6.8	5.3	5.3	5.0	8.0	4.6	3.6	5.3	5.3	4.8	3.3	.5	2.7	3.2	4.5	3.6	6.0	1.7	1.0	24	8.0
25	4.3	5.1	5.3	7.7	7.0	6.3	8.2	9.9	6.7	14.8	7.7	2.9	6.5	7.5	7.4	11.6	10.4	10.6	20.0	12.8	10.4	14.0	11.1	14.7	24	20.0
26	11.6	6.7	9.4	7.9	7.5	6.7	9.4	13.0	8.2	9.7	7.2	7.4	5.3	4.6	6.0	5.3	5.8	7.7	10.2	8.7	6.8	5.2	3.2	7.3	24	13.0
27	7.3	4.2	7.7	8.0	10.7	9.7	12.3	7.7	9.7	10.2	8.5	6.0	7.2	5.8	7.2	7.3	11.6	11.6	8.9	10.4	8.5	9.9	10.7	10.9	24	12.3
28	8.5	8.7	11.1	11.1	10.4	15.5	8.5	12.8	9.0	8.2	9.7	11.4	13.3	8.2	7.0	7.2	7.5	8.7	11.6	10.4	17.0	17.2	17.9	11.9	24	17.9
29	8.2	8.7	16.2	12.3	12.8	12.3	13.6	13.3	10.4	11.6	10.0	9.7	8.2	7.5	11.9	10.4	10.6	9.2	12.8	12.6	9.7	8.5	12.8	9.2	24	16.2
30	7.5	7.3	7.3	6.3	6.5	10.4	9.5	8.5	11.4	6.8	3.5	5.1	4.4	7.0	6.3	8.0	6.8	7.5	14.8	15.0	18.6	21.7	22.0	23.4	24	23.4
31	14.8	12.6	13.6	14.3	19.3	12.8	13.8	15.8	18.1	11.6	12.1	14.3	12.1	13.1	10.7	8.0	15.3	15.8	19.5	14.3	10.7	19.0	18.3	17.0	24	19.5
NO.:	31	31	31	31	31	31	31	31	31	31	29	29	29	29	31	31	31	31	31	31	31	31	31	31		
MAX:	22.0	25.7	24.9	24.7	24.2	21.0	23.4	32.4	27.3	24.4	20.0	14.3	14.9	16.0	17.0	15.0	15.3	18.3	26.9	28.3	26.8	31.2	32.9	30.6		
AVG:	9.97	10.26	10.19	10.13	10.29	11.44	11.02	11.61	11.33	10.93	9.37	8.48	8.48	9.10	8.09	8.45	8.75	10.25	11.31	11.70	12.00	12.99	12.28	12.09		

MONTHLY OBSERVATIONS: 736 MONTHLY MEAN: 10.46 MONTHLY MAX: 32.9

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: 37-183-0014 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: 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: FEBRUARY 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	22.4	21.5	22.2	18.8	17.4	20.5	23.2	24.2	24.9	34.6	35.6	24.4	15.8	24.4	23.7	21.0	18.8	18.5	24.4	36.3	18.2	8.2	13.3	12.1	24	36.3
2	8.7	16.7	14.6	14.3	12.6	12.1	12.6	13.3	13.3	14.8	11.4	9.4	AZ	AZ	BA	BA	11.4	12.8	30.0	25.3	14.8	18.6	17.7	9.7	20	30.0
3	10.2	8.5	10.4	13.6	13.6	8.3	12.3	9.9	11.9	11.4	9.4	6.8	11.6	8.8	11.4	10.2	10.9	11.2	12.1	12.1	12.4	11.4	9.9	9.0	24	13.6
4	9.5	9.3	8.8	7.1	8.0	8.5	10.2	10.7	14.3	9.7	10.2	8.5	6.4	9.5	9.2	8.5	14.6	13.8	14.6	15.8	20.0	16.0	19.8	17.9	24	20.0
5	25.9	30.3	21.5	20.0	17.7	17.7	17.9	17.5	17.5	18.7	13.3	13.8	11.7	12.6	12.3	13.3	13.6	11.8	10.9	22.2	25.6	31.1	26.1	19.5	24	31.1
6	14.1	15.5	16.7	11.9	18.8	21.2	15.8	21.0	21.0	15.3	13.3	11.6	14.0	11.4	8.9	13.1	9.4	11.9	13.8	12.6	15.3	13.8	21.7	14.1	24	21.7
7	19.3	20.3	20.8	19.8	22.0	17.2	17.9	12.4	23.4	22.9	21.4	16.0	15.2	15.3	19.3	15.5	16.3	15.8	12.6	10.7	15.1	13.3	10.0	12.8	24	23.4
8	14.6	13.6	11.9	9.0	5.8	8.3	6.3	12.8	10.7	15.5	10.9	5.6	4.9	9.2	6.5	5.6	7.7	9.2	11.6	9.9	9.7	12.8	7.7	9.9	24	15.5
9	13.8	9.0	7.8	8.8	6.8	5.7	7.1	4.5	5.3	6.1	5.6	7.8	5.2	3.5	4.5	4.4	4.4	10.5	8.0	9.5	8.5	8.3	11.4	11.9	24	13.8
10	10.2	10.2	12.9	9.0	11.0	11.2	10.2	6.9	9.4	9.7	11.1	8.2	11.1	13.6	8.5	13.1	8.7	11.9	14.6	15.8	14.1	17.9	13.8	14.3	24	17.9
11	11.9	11.4	13.8	15.0	11.2	12.4	11.4	12.8	14.6	17.0	16.0	14.8	18.4	13.5	15.0	11.8	12.3	16.2	10.9	15.0	13.5	13.8	11.6	13.3	24	18.4
12	14.1	14.6	20.3	13.8	19.1	24.7	24.2	24.2	22.9	20.0	18.9	12.1	18.4	11.4	15.3	16.7	10.9	14.0	10.7	9.9	13.1	8.2	8.7	8.8	24	24.7
13	7.5	6.5	5.4	5.4	9.9	9.9	9.2	6.0	3.7	4.7	10.9	7.8	5.7	4.2	4.2	5.1	3.9	6.0	10.4	9.0	7.2	9.2	9.7	11.6	24	11.6
14	10.7	7.7	6.3	9.5	9.9	12.1	7.2	13.1	10.0	8.5	8.0	7.5	9.2	9.2	11.6	12.3	19.7	17.2	22.2	21.2	31.0	27.3	33.4	21.0	24	33.4
15	18.4	19.8	24.9	28.5	27.1	22.7	21.9	17.9	8.7	9.2	16.2	12.8	9.2	4.4	4.4	7.3	8.7	10.4	9.4	10.2	6.8	10.4	7.3	8.2	24	28.5
16	7.0	5.8	9.4	6.8	8.7	5.8	8.7	9.5	8.0	6.5	6.5	AX	AX	BA	BA	3.7	4.4	8.2	8.5	9.0	8.7	15.0	15.1	17.9	20	17.9
17	11.2	12.6	15.8	11.2	17.9	13.3	19.5	12.8	11.7	6.6	5.9	4.9	2.8	4.0	6.3	6.0	6.0	4.7	12.3	14.8	16.8	17.7	18.0	16.1	24	19.5
18	24.2	22.0	23.2	22.5	23.2	25.4	23.2	22.7	18.0	21.2	20.3	12.6	8.7	13.6	10.0	9.7	10.2	17.9	19.0	14.1	17.0	22.4	10.0	8.0	24	25.4
19	13.6	11.2	14.6	11.7	13.1	13.4	15.1	15.8	11.9	14.8	10.9	10.9	10.0	15.3	4.4	7.5	10.7	8.5	9.0	10.4	10.9	13.6	12.1	15.5	24	15.8
20	16.3	18.4	19.6	19.3	17.0	18.2	18.4	18.6	17.3	16.3	11.2	16.1	9.7	10.7	12.4	8.2	9.7	12.1	9.2	15.3	15.1	11.9	22.2	14.6	24	22.2
21	17.5	13.1	17.7	10.2	12.1	8.0	14.4	11.2	16.3	23.4	11.9	10.5	11.2	11.2	17.0	14.8	12.8	15.8	13.1	16.7	10.2	15.8	21.5	22.7	24	23.4
22	17.2	17.5	14.3	12.4	11.2	12.6	10.9	9.5	11.9	9.7	11.6	9.0	7.5	5.3	2.7	6.8	10.5	10.9	10.4	15.1	13.4	11.2	15.8	12.6	24	17.5
23	12.9	8.5	9.5	9.0	9.0	10.5	9.5	9.3	11.4	9.2	7.0	6.3	5.3	4.2	4.2	1.7	3.2	4.8	3.9	4.8	7.5	15.0	16.7	12.1	24	16.7
24	15.1	11.9	10.9	11.9	10.2	10.9	12.4	12.8	10.4	9.2	6.0	2.9	3.2	3.7	6.0	6.5	3.4	3.7	7.7	15.0	20.9	6.7	9.6	7.5	24	20.9
25	6.3	6.2	5.3	3.6	3.2	2.7	1.5	7.5	7.9	5.1	8.9	7.9	9.2	9.6	6.0	5.7	3.9	11.6	9.2	5.3	5.1	7.0	7.0	8.5	24	11.6
26	6.8	8.5	7.7	13.1	10.7	7.3	10.2	7.3	9.2	6.5	6.7	7.5	8.0	8.7	7.0	9.4	8.7	11.1	15.7	8.7	17.0	16.0	12.1	21.2	24	21.2
27	24.4	15.5	18.2	17.0	21.9	16.3	17.9	15.3	14.3	10.7	12.3	9.9	8.7	6.0	6.8	6.7	7.9	7.9	8.4	7.5	6.7	9.4	9.9	7.7	24	24.4
28	8.4	8.7	8.0	6.8	6.3	9.5	10.0	8.5	9.9	8.2	6.3	4.5	6.5	5.0	5.5	6.5	7.0	11.1	14.0	12.3	11.3	6.2	5.8	13.5	24	14.0
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	28	28	27	26	26	26	27	28	28	28	28	28	28	28	28		
MAX:	25.9	30.3	24.9	28.5	27.1	25.4	24.2	24.2	24.9	34.6	35.6	24.4	18.4	24.4	23.7	21.0	19.7	18.5	30.0	36.3	31.0	31.1	33.4	22.7		
AVG:	14.01	13.39	14.02	12.86	13.41	13.09	13.54	13.14	13.21	13.05	12.06	10.00	9.52	9.55	9.35	9.30	9.63	11.41	12.74	13.73	13.78	13.86	14.21	13.29		

MONTHLY OBSERVATIONS: 664 MONTHLY MEAN: 12.37 MONTHLY MAX: 36.3

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.

(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: 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: MARCH 2017

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

DAY	HOUR 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	9.9	19.2	18.8	16.0	12.8	10.1	10.4	5.7	9.2	10.6	13.3	11.8	8.9	12.3	8.4	7.7	5.0	5.8	6.0	4.2	2.9	1.3	1.0	24	19.2
2	2.5	4.5	2.9	5.5	11.4	13.3	8.7	9.2	13.3	7.2	4.1	3.5	AX	AX	BA	BA	1.5	2.7	4.3	5.3	8.7	11.3	9.4	7.7	20	13.3
3	8.5	9.7	8.0	11.4	13.1	9.7	8.7	10.7	5.5	5.8	7.5	12.3	6.8	5.5	6.3	5.3	10.9	9.4	8.5	12.3	10.9	10.9	11.9	11.9	24	13.1
4	11.6	9.0	13.3	10.2	15.8	9.9	10.4	14.3	12.3	15.0	9.0	7.2	6.8	8.0	6.5	15.5	8.7	8.7	10.9	15.5	23.4	20.0	19.1	24.9	24	24.9
5	24.7	17.8	25.8	8.8	11.2	11.2	13.6	11.6	11.4	10.2	10.7	9.0	7.0	9.0	6.0	6.8	8.3	12.4	16.4	14.6	18.3	16.7	14.8	17.2	24	25.8
6	9.5	14.8	14.8	14.3	16.8	14.6	19.3	18.1	11.7	10.5	10.9	10.4	10.4	8.5	6.3	9.5	10.2	12.8	20.5	18.1	20.0	28.3	19.3	16.3	24	28.3
7	15.8	11.2	18.1	13.1	8.8	14.1	9.5	9.7	10.5	6.5	3.8	6.0	4.3	2.5	5.3	3.9	2.2	3.0	1.3	5.6	4.1	1.1	3.6	2.5	24	18.1
8	2.3	1.3	-2.1	-3.5	.1	1.6	3.0	4.6	2.5	2.7	4.4	3.2	3.2	4.6	2.7	.3	.5	2.7	3.7	18.8	13.8	12.3	16.5	8.0	24	18.8
9	12.3	9.0	9.5	7.5	9.7	16.5	10.7	14.8	13.1	9.0	2.9	.0	3.4	4.3	5.0	3.6	.5	12.1	15.0	19.7	9.7	8.5	9.0	9.9	24	19.7
10	11.6	13.5	13.3	15.2	24.1	28.3	20.2	20.5	14.8	14.3	14.3	9.2	4.6	1.2	2.0	1.2	3.2	8.0	5.0	6.0	9.2	9.0	9.9	8.0	24	28.3
11	10.7	8.5	10.9	11.4	9.4	5.8	11.4	9.9	7.0	5.8	6.8	7.7	11.1	9.4	8.5	6.5	6.8	8.7	8.5	13.5	19.3	27.0	24.6	18.5	24	27.0
12	16.2	18.1	10.4	10.7	10.2	12.1	10.9	8.7	9.5	11.9	12.1	10.9	10.2	7.7	8.5	7.3	9.7	10.9	12.3	15.0	20.2	15.8	12.4	22.7	24	22.7
13	18.3	20.0	14.1	12.6	16.0	14.3	16.3	14.8	14.0	14.6	12.6	14.6	14.3	15.0	13.8	12.8	7.2	12.8	13.1	12.1	15.0	13.3	10.4	7.0	24	20.0
14	4.6	1.0	9.0	8.0	6.0	9.2	6.5	7.7	8.0	11.4	8.9	11.1	8.7	8.5	6.0	9.2	7.0	4.6	8.0	11.8	12.8	10.7	10.2	11.8	24	12.8
15	9.0	11.1	7.7	6.3	9.7	13.5	14.0	10.7	12.1	9.7	9.0	8.0	8.2	6.5	12.3	8.2	9.9	10.2	8.7	11.6	12.8	13.0	10.7	7.7	24	14.0
16	11.6	12.3	11.8	12.3	13.3	10.9	16.2	14.8	11.1	15.0	7.7	9.0	8.0	13.5	8.7	9.9	8.7	9.7	15.3	13.3	16.0	16.6	17.1	22.2	24	22.2
17	21.0	25.3	14.8	15.0	15.5	18.1	16.7	22.9	14.3	11.4	AX	AX	BA	BA	10.4	8.5	14.8	13.6	19.8	17.1	16.7	14.1	14.8	10.9	20	25.3
18	17.1	13.8	13.8	14.8	22.9	21.5	22.5	25.6	24.9	26.8	27.1	25.1	22.9	23.4	20.0	21.0	14.3	18.1	16.0	11.4	16.9	14.6	12.8	8.0	24	27.1
19	4.9	8.3	10.7	9.2	9.5	6.1	4.6	3.2	3.5	3.0	2.2	1.8	3.0	4.9	6.8	5.6	3.6	7.8	6.5	6.3	15.8	6.6	12.4	13.1	24	15.8
20	16.5	9.0	16.7	11.4	10.7	11.6	14.3	11.2	14.1	15.3	9.0	10.4	9.2	5.3	3.0	7.0	4.1	4.8	7.5	6.0	8.2	6.8	12.8	11.1	24	16.7
21	15.5	14.1	14.8	11.6	14.6	13.8	27.1	15.3	18.8	18.3	8.5	10.9	15.5	-.5	2.7	6.2	7.7	10.9	7.0	13.3	13.8	10.6	13.5	8.7	24	27.1
22	5.3	7.2	9.9	9.0	6.5	4.8	6.3	8.5	9.9	9.2	6.1	3.6	6.2	4.6	1.0	6.0	5.5	7.5	11.3	12.3	12.1	11.8	10.9	6.5	24	12.3
23	7.7	9.2	13.3	12.1	14.5	13.1	12.1	10.9	10.7	9.0	11.8	6.8	13.3	8.2	9.9	9.2	10.2	8.0	9.4	14.8	15.5	12.8	13.6	12.1	24	15.5
24	8.9	14.8	12.1	21.2	22.4	23.4	27.1	23.9	16.0	12.5	7.7	8.4	4.0	4.1	11.4	8.2	10.6	24.8	24.8	15.3	17.6	16.2	9.9	8.5	24	27.1
25	6.5	5.5	.5	.8	3.4	17.9	9.7	8.7	4.8	3.6	5.5	4.5	1.2	-.2	1.0	1.0	17.1	23.1	6.5	9.9	9.9	8.2	2.4	-.4	24	23.1
26	2.2	4.6	4.3	7.8	5.1	4.3	5.1	6.0	2.5	-3.9	-1.0	2.9	1.2	.8	.5	-1.0	-.2	2.4	1.9	4.3	3.3	-1.0	-2.2	.0	24	7.8
27	-2.6	-.4	1.7	-.7	-.2	.8	-2.4	-1.9	-.7	-1.9	.7	3.2	2.0	.7	-.5	1.9	3.7	5.3	5.8	4.6	3.2	3.4	3.0	.5	24	5.8
28	.5	.5	-1.4	-.5	-2.4	-4.6	-2.2	-1.2	3.7	6.5	8.0	3.4	-1.0	1.9	2.9	-1.2	-2.7	.5	2.0	2.2	9.7	8.0	3.0	3.5	24	9.7
29	3.0	2.7	4.7	5.3	4.4	3.4	1.7	3.7	3.2	1.4	.5	2.2	3.2	1.7	-.3	-.5	.0	2.2	4.4	3.2	4.6	6.2	12.3	9.0	24	12.3
30	4.4	3.9	4.4	11.8	7.7	6.5	7.0	8.5	4.1	7.0	6.0	AX	AX	BA	BA	.0	.7	-2.0	7.0	6.0	.8	-.7	-3.9	-4.6	20	11.8
31	-1.0	.0	-1.7	-1.7	.0	-1.5	-2.9	-3.9	-4.1	-4.6	-4.4	.7	-3.4	-4.6	-2.5	-4.6	-4.6	2.6	7.7	4.6	.0	2.9	1.7	2.2	24	7.7
NO.:	31	31	31	31	31	31	31	31	31	31	30	29	28	28	29	30	31	31	31	31	31	31	31	31		
MAX:	24.7	25.3	25.8	21.2	24.1	28.3	27.1	25.6	24.9	26.8	27.1	25.1	22.9	23.4	20.0	21.0	17.1	24.8	24.8	19.7	23.4	28.3	24.6	24.9		
AVG:	9.44	9.36	9.85	9.35	10.52	10.87	10.85	10.71	9.30	8.79	7.43	7.56	7.00	5.84	6.09	5.86	6.06	8.49	9.51	10.66	11.82	10.90	10.23	9.24		

MONTHLY OBSERVATIONS: 732 MONTHLY MEAN: 9.03 MONTHLY MAX: 28.3

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.

(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: 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 2017

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

DAY	HOUR 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	2.0	2.0	5.0	3.0	2.0	1.0	1.0	2.0	-1.0	-2.0	-2.0	-3.0	-3.0	-4.0	-4.0	-1.0	-2.0	1.0	2.0	.0	1.0	.0	-1.0	24	5.0
2	3.0	5.0	2.0	-1.0	2.0	4.0	5.0	11.0	8.0	6.0	5.0	4.0	2.0	5.0	4.0	1.0	3.0	3.0	2.0	1.0	7.0	8.0	9.0	9.0	24	11.0
3	9.0	8.0	6.0	6.0	4.0	7.0	6.0	8.0	7.0	4.0	1.0	.0	.0	-1.0	-4.0	-1.0	2.0	AO	AO	AO	AO	AO	AO	AO	17	9.0
4	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	-2.0	1.0	3.0	10.0	8.0	5.0	4.0	6.0	8	10.0
5	7.0	5.0	6.0	5.0	9.0	9.0	10.0	8.0	8.0	5.0	3.0	.0	4.0	2.0	-2.0	3.0	9.0	11.0	7.0	2.0	-2.0	2.0	2.0	2.0	24	11.0
6	8.0	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	.0	5.0	6.0	6.0	4.0	.0	2.0	5.0	3.0	4.0	3.0	2.0	-1.0	14	8.0
7	5.0	6.0	5.0	4.0	5.0	6.0	8.0	5.0	7.0	5.0	3.0	2.0	2.0	2.0	3.0	4.0	3.0	2.0	4.0	11.0	6.0	2.0	2.0	5.0	24	11.0
8	3.0	4.0	8.0	8.0	7.0	6.0	6.0	8.0	9.0	5.0	5.0	6.0	5.0	4.0	3.0	-2.0	1.0	6.0	4.0	4.0	15.0	16.0	17.0	25.0	24	25.0
9	20.0	18.0	27.0	20.0	23.0	20.0	15.0	20.0	19.0	15.0	6.0	6.0	3.0	1.0	1.0	4.0	1.0	.0	2.0	7.0	18.0	17.0	10.0	17.0	24	27.0
10	5.0	6.0	7.0	4.0	6.0	6.0	9.0	6.0	8.0	7.0	3.0	4.0	3.0	3.0	.0	-5.0	-5.0	-2.0	8.0	13.0	9.0	7.0	9.0	5.0	24	13.0
11	1.0	-3.0	-5.0	.0	2.0	3.0	3.0	3.0	-1.0	-4.0	-2.0	.0	-1.0	-2.0	-1.0	-4.0	-4.0	-2.0	6.0	11.0	13.0	15.0	8.0	5.0	24	15.0
12	7.0	6.0	2.0	3.0	2.0	1.0	2.0	1.0	5.0	3.0	6.0	5.0	.0	-2.0	-1.0	-2.0	-3.0	-5.0	-1.0	3.0	4.0	11.0	7.0	11.0	24	11.0
13	10.0	16.0	8.0	11.0	11.0	7.0	4.0	4.0	6.0	AX	AX	BA	BA	.0	3.0	4.0	1.0	.0	5.0	7.0	13.0	8.0	6.0	6.0	20	16.0
14	6.0	5.0	5.0	8.0	9.0	8.0	7.0	8.0	9.0	7.0	6.0	4.0	6.0	5.0	3.0	2.0	4.0	4.0	4.0	1.0	2.0	7.0	7.0	12.0	24	12.0
15	8.0	7.0	4.0	5.0	4.0	.0	1.0	4.0	3.0	6.0	5.0	2.0	3.0	7.0	3.0	1.0	1.0	-1.0	1.0	1.0	7.0	9.0	8.0	4.0	24	9.0
16	2.0	4.0	1.0	-1.0	2.0	7.0	8.0	4.0	2.0	6.0	3.0	2.0	27.0	58.0	48.0	25.0	18.0	14.0	9.0	6.0	4.0	4.0	9.0	11.0	24	58.0
17	8.0	3.0	7.0	7.0	5.0	7.0	6.0	4.0	8.0	5.0	1.0	8.0	7.0	6.0	6.0	4.0	10.0	7.0	4.0	1.0	-4.0	-3.0	-1.0	-2.0	24	10.0
18	1.0	-1.0	1.0	4.0	3.0	1.0	-3.0	-1.0	3.0	BA	BA	BA	11.0	10.0	7.0	14.0	10.0	5.0	5.0	11.0	11.0	10.0	8.0	8.0	21	14.0
19	11.0	9.0	13.0	10.0	9.0	10.0	9.0	11.0	7.0	11.0	10.0	10.0	12.0	12.0	9.0	10.0	11.0	15.0	14.0	14.0	18.0	10.0	14.0	14.0	24	18.0
20	16.0	15.0	10.0	9.0	9.0	10.0	12.0	17.0	15.0	16.0	12.0	10.0	9.0	10.0	17.0	10.0	10.0	12.0	16.0	17.0	15.0	15.0	20.0	21.0	24	21.0
21	20.0	20.0	17.0	14.0	22.0	16.0	20.0	18.0	16.0	13.0	16.0	16.0	12.0	16.0	6 11.0	10.0	8.0	12.0	10.0	7.0	14.0	12.0	16.0	16.0	24	22.0
22	17.0	6.0	8.0	9.0	13.0	17.0	13.0	17.0	16.0	17.0	13.0	14.0	10.0	10.0	9.0	12.0	11.0	13.0	8.0	7.0	6.0	4.0	1.0	-2.0	24	17.0
23	1.0	2.0	2.0	3.0	2.0	2.0	4.0	3.0	4.0	5.0	6.0	9.0	5.0	4.0	8.0	5.0	6.0	8.0	9.0	8.0	6.0	4.0	6.0	7.0	24	9.0
24	8.0	7.0	12.0	8.0	5.0	2.0	4.0	3.0	3.0	4.0	4.0	3.0	4.0	2.0	5.0	3.0	-1.0	.0	10.0	6.0	3.0	4.0	5.0	5.0	24	12.0
25	8.0	6.0	3.0	5.0	5.0	4.0	4.0	3.0	4.0	6.0	7.0	4.0	7.0	10.0	7.0	6.0	4.0	4.0	6.0	8.0	7.0	6.0	4.0	9.0	24	10.0
26	6.0	3.0	4.0	6.0	6.0	6.0	10.0	6.0	5.0	7.0	5.0	5.0	7.0	8.0	10.0	15.0	8.0	11.0	10.0	19.0	18.0	13.0	17.0	12.0	24	19.0
27	10.0	15.0	13.0	15.0	15.0	12.0	12.0	13.0	9.0	AX	AX	BA	BA	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	9	15.0
28	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	0	
29	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	0	
30	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	0	
31																									0	
NO.:	26	25	25	25	25	25	25	25	25	22	22	23	24	25	25	25	26	25	25	25	25	25	25	25		
MAX:	20.0	20.0	27.0	20.0	23.0	20.0	20.0	20.0	19.0	17.0	16.0	16.0	27.0	58.0	48.0	25.0	18.0	15.0	16.0	19.0	18.0	17.0	20.0	25.0		
AVG:	7.77	6.96	6.72	6.68	7.32	6.92	7.04	7.40	7.28	6.73	5.27	4.87	5.83	6.92	6.04	4.76	4.04	4.72	6.08	7.20	8.08	7.60	7.60	8.16		

MONTHLY OBSERVATIONS: 593 MONTHLY MEAN: 6.59 MONTHLY MAX: 58.0

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: 37-183-0014 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: 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 2017

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

DAY	HOUR 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	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	AW	BA	5.0	6.0	11.0	6.0	5.0	4.0	.0	7	11.0
2	-3.0	4.0	4.0	2.0	7.0	6.0	4.0	3.0	6.0	BA	BA	6.0	8.0	6.0	5.0	3.0	11.0	7.0	9.0	7.0	10.0	7.0	17.0	5.0	22	17.0
3	14.0	12.0	10.0	10.0	11.0	7.0	10.0	9.0	6.0	3.0	3.0	4.0	4.0	6.0	7.0	6.0	6.0	10.0	9.0	6.0	7.0	10.0	16.0	9.0	24	16.0
4	12.0	13.0	11.0	8.0	10.0	11.0	10.0	8.0	9.0	10.0	8.0	6.0	7.0	7.0	9.0	6.0	6.0	7.0	8.0	8.0	9.0	7.0	7.0	6.0	24	13.0
5	8.0	6.0	8.0	6.0	11.0	7.0	3.0	4.0	7.0	10.0	11.0	21.0	6.0	6.0	7.0	12.0	10.0	11.0	8.0	7.0	6.0	10.0	9.0	7.0	24	21.0
6	11.0	10.0	5.0	7.0	7.0	7.0	5.0	7.0	9.0	8.0	6.0	4.0	7.0	7.0	5.0	5.0	6.0	11.0	12.0	10.0	12.0	10.0	10.0	15.0	24	15.0
7	12.0	9.0	5.0	6.0	6.0	7.0	10.0	9.0	7.0	6.0	7.0	9.0	8.0	8.0	10.0	7.0	4.0	5.0	10.0	9.0	8.0	9.0	8.0	9.0	24	12.0
8	11.0	12.0	8.0	10.0	11.0	10.0	12.0	11.0	11.0	11.0	11.0	7.0	9.0	9.0	11.0	9.0	7.0	9.0	8.0	10.0	8.0	11.0	11.0	11.0	24	12.0
9	13.0	12.0	12.0	9.0	10.0	11.0	10.0	15.0	10.0	12.0	AZ	BA	BA	7.0 2	7.0 2	6.0 2	5.0 2	9.0 2	7.0 2	8.0 2	8.0 2	7.0 2	15.0 2	16.0 2	21	16.0
10	13.0 2	13.0 2	10.0 2	12.0 2	10.0 2	12.0 2	14.0 2	18.0 2	13.0 2	11.0 2	14.0 2	11.0 2	15.0 2	16.0 2	20.0 2	17.0 2	20.0 2	12.0 2	23.0 2	25.0 2	23.0 2	25.0 2	30.0 2	22.0 2	24	30.0
11	22.0 2	29.0 2	24.0 2	24.0 2	16.0 2	21.0 2	20.0 2	22.0 2	23.0 2	25.0 2	19.0 2	26.0 2	20.0 2	19.0 2	22.0 2	8.0 2	21.0 2	12.0 2	14.0 2	17.0 2	15.0 2	15.0 2	3.0 2	6.0 2	24	29.0
12	5.0 2	3.0 2	3.0 2	5.0 2	6.0 2	6.0 2	5.0 2	3.0 2	1.0 2	3.0 2	6.0 2	3.0 2	4.0 2	7.0 2	5.0 2	13.0 2	8.0 2	7.0 2	5.0 2	2.0 2	5.0 2	4.0 2	4.0 2	3.0 2	24	13.0
13	2.0 2	5.0 2	4.0 2	2.0 2	8.0 2	6.0 2	2.0 2	1.0 2	5.0 2	7.0 2	4.0 2	5.0 2	5.0 2	4.0 2	4.0 2	5.0 2	5.0 2	7.0 2	5.0 2	5.0 2	8.0 2	5.0 2	5.0 2	6.0 2	24	8.0
14	9.0 2	12.0 2	10.0 2	6.0 2	5.0 2	7.0 2	6.0 2	5.0 2	8.0 2	7.0 2	8.0 2	8.0 2	13.0 2	11.0 2	9.0 2	8.0 2	9.0 2	15.0 2	12.0 2	12.0 2	12.0 2	10.0 2	15.0 2	18.0 2	24	18.0
15	15.0 2	14.0 2	10.0 2	12.0 2	12.0 2	16.0 2	12.0 2	12.0 2	15.0 2	14.0 2	13.0 2	12.0 2	10.0 2	15.0 2	7.0 2	14.0 2	10.0 2	12.0 2	16.0 2	14.0 2	13.0 2	21.0 2	17.0 2	17.0 2	24	21.0
16	20.0 2	16.0 2	20.0 2	15.0 2	19.0 2	19.0 2	15.0 2	13.0 2	10.0 2	12.0 2	9.0 2	8.0 2	9.0 2	11.0 2	15.0 2	14.0 2	13.0 2	16.0 2	13.0 2	15.0 2	19.0 2	21.0 2	20.0 2	19.0 2	24	21.0
17	14.0 2	24.0 2	24.0 2	21.0 2	23.0 2	21.0 2	17.0 2	21.0 2	20.0 2	14.0 2	14.0 2	14.0 2	13.0 2	14.0 2	11.0 2	9.0 2	20.0 2	10.0 2	20.0 2	18.0 2	19.0 2	16.0 2	13.0 2	14.0 2	24	24.0
18	16.0 2	16.0 2	19.0 2	17.0 2	15.0 2	16.0 2	20.0 2	13.0 2	16.0 2	19.0 2	15.0 2	16.0 2	15.0 2	15.0 2	16.0 2	15.0 2	18.0 2	17.0 2	19.0 2	17.0 2	22.0 2	21.0 2	22.0 2	14.0 2	24	22.0
19	12.0 2	16.0 2	14.0 2	14.0 2	12.0 2	11.0 2	14.0 2	11.0 2	14.0 2	15.0 2	9.0 2	10.0 2	17.0 2	16.0 2	15.0 2	16.0 2	17.0 2	17.0 2	17.0 2	14.0 2	13.0 2	13.0 2	10.0 2	11.0 2	24	17.0
20	15.0 2	16.0 2	18.0 2	16.0 2	18.0 2	11.0 2	16.0 2	14.0 2	19.0 2	13.0 2	17.0 2	15.0 2	17.0 2	12.0 2	11.0 2	7.0 2	16.0 2	14.0 2	17.0 2	12.0 2	17.0 2	22.0 2	17.0 2	20.0 2	24	22.0
21	17.0 2	12.0 2	15.0 2	13.0 2	10.0 2	15.0 2	16.0 2	15.0 2	14.0 2	15.0 2	16.0 2	11.0 2	20.0 2	15.0 2	14.0 2	15.0 2	19.0 2	20.0 2	23.0 2	15.0 2	19.0 2	16.0 2	15.0 2	16.0 2	24	23.0
22	14.0 2	13.0 2	15.0 2	18.0 2	16.0 2	16.0 2	18.0 2	17.0 2	8.0 2	6.0 2	9.0 2	9.0 2	10.0 2	9.0 2	8.0 2	7.0 2	8.0 2	11.0 2	12.0 2	14.0 2	11.0 2	14.0 2	13.0 2	10.0 2	24	18.0
23	10.0 2	6.0 2	5.0 2	6.0 2	4.0 2	12.0 2	11.0 2	11.0 2	9.0 2	7.0 2	9.0 2	9.0 2	8.0 2	8.0 2	6.0 2	6.0 2	6.0 2	6.0 2	5.0 2	5.0 2	7.0 2	6.0 2	6.0 2	7.0 2	24	12.0
24	3.0 2	5.0 2	6.0 2	7.0 2	6.0 2	5.0 2	6.0 2	8.0 2	8.0 2	8.0 2	7.0 2	9.0 2	7.0 2	AN	6.0 2	7.0 2	9.0 2	9.0 2	8.0 2	9.0 2	5.0 2	6.0 2	9.0 2	6.0 2	23	9.0
25	5.0 2	8.0 2	8.0 2	6.0 2	5.0 2	9.0 2	8.0 2	10.0 2	11.0 2	8.0 2	AX	BA	BA	4.0	1.0	-1.0	2.0	5.0	4.0	3.0 6	5.0 6	5.0 6	3.0 6	4.0 6	21	11.0
26	9.0 6	7.0 6	7.0 6	9.0 6	9.0 6	7.0 6	9.0 6	9.0 6	7.0 6	5.0 6	12.0	7.0	4.0	8.0	15.0	11.0	12.0	10.0	16.0	10.0	13.0	12.0	15.0	17.0	24	17.0
27	15.0	16.0	6.0	15.0	11.0	11.0	18.0	16.0	14.0	15.0	8.0	7.0	13.0	14.0	15.0	13.0	11.0	11.0	12.0	10.0	16.0	14.0	20.0	16.0	24	20.0
28	15.0	13.0	10.0	7.0	9.0	8.0	12.0	7.0	4.0	8.0	15.0	10.0	6.0	1.0	3.0	4.0	5.0	6.0	2.0	1.0	7.0	18.0	8.0	6.0	24	18.0
29	5.0	5.0	7.0	6.0	7.0	6.0	6.0	6.0	5.0	6.0	7.0	4.0	5.0	6.0	6.0	6.0	8.0	8.0	10.0	14.0	10.0	9.0	6.0	4.0	24	14.0
30	10.0	8.0	8.0	6.0	5.0	6.0	3.0	9.0	10.0	10.0	7.0	11.0	10.0	9.0	5.0	9.0	8.0	9.0	10.0	7.0	7.0	12.0	10.0	6.0	24	12.0
31	8.0	11.0	11.0	9.0	8.0	13.0	12.0	11.0	15.0	13.0	11.0	6.0	10.0	6.0	6.0	8.0	8.0	9.0	6.0	7.0	9.0	13.0	13.0	9.0	24	15.0
NO.:	30	30	30	30	30	30	30	30	30	29	27	28	28	29	30	30	30	31	31	31	31	31	31	31		
MAX:	22.0	29.0	24.0	24.0	23.0	21.0	20.0	22.0	23.0	25.0	19.0	26.0	20.0	19.0	22.0	17.0	21.0	20.0	23.0	25.0	23.0	25.0	30.0	22.0		
AVG:	11.07	11.53	10.57	10.13	10.23	10.67	10.80	10.60	10.47	10.38	10.19	9.57	10.00	9.52	9.37	8.83	10.27	10.23	11.16	10.39	11.26	12.06	11.97	10.61		

MONTHLY OBSERVATIONS: 718 MONTHLY MEAN: 10.51 MONTHLY MAX: 30.0

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: 37-183-0014 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: 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 2017

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

DAY	HOUR 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	8.0	7.0	15.0	7.0	9.0	8.0	10.0	9.0	10.0	11.0	8.0	10.0	7.0	7.0	9.0	8.0	5.0	7.0	6.0	9.0	9.0	11.0	14.0	24	15.0
2	19.0	14.0	17.0	8.0	13.0	13.0	10.0	7.0	7.0	9.0	6.0	7.0	10.0	8.0	8.0	6.0	6.0	6.0	9.0	8.0	12.0	14.0	10.0	9.0	24	19.0
3	17.0	15.0	18.0	16.0	10.0	16.0	8.0	12.0	8.0	8.0	8.0	12.0	6.0	10.0	9.0	12.0	10.0	10.0	12.0	11.0	12.0	12.0	12.0	17.0	24	18.0
4	18.0	21.0	17.0	18.0	16.0	15.0	17.0	15.0	16.0	11.0	14.0	18.0	16.0	13.0	12.0	23.0	18.0	17.0	18.0	15.0	14.0	12.0	8.0	9.0	24	23.0
5	13.0	7.0	.0	-2.0	3.0	5.0	2.0	3.0	7.0	5.0	4.0	6.0	5.0	2.0	5.0	3.0	4.0	4.0	2.0	1.0	.0	-2.0	3.0	1.0	24	13.0
6	AO	AO	AO	AO	AO	AO	AO	6.0	AX	BA	BA	3.0	5.0	7.0	7.0	8.0	7.0	9.0	9.0	13.0	11.0	11.0	6.0	8.0	14	13.0
7	7.0	8.0	9.0	13.0	9.0	4.0	7.0	11.0	8.0	8.0	6.0	8.0	8.0	6.0	8.0	5.0	9.0	10.0	7.0	6.0	8.0	7.0	8.0	7.0	24	13.0
8	5.0	3.0	3.0	9.0	6.0	3.0	7.0	8.0	4.0	5.0	4.0	8.0	6.0	4.0	4.0	6.0	5.0	3.0	2.0	6.0	7.0	8.0	6.0	11.0	24	11.0
9	8.0	6.0	7.0	9.0	7.0	5.0	3.0	6.0	15.0	10.0	13.0	9.0	6.0	9.0	9.0	9.0	9.0	7.0	10.0	8.0	7.0	13.0	20.0	14.0	24	20.0
10	20.0	15.0	13.0	14.0	16.0	12.0	11.0	14.0	11.0	20.0	11.0	15.0	9.0	9.0	9.0	6.0	8.0	11.0	10.0	7.0	16.0	17.0	22.0	12.0	24	22.0
11	12.0	11.0	11.0	9.0	9.0	7.0	7.0	6.0	6.0	9.0	10.0	9.0	10.0	9.0	14.0	7.0	14.0	10.0	12.0	8.0	12.0	18.0	9.0	18.0	24	18.0
12	4.0	7.0	10.0	13.0	14.0	9.0	9.0	9.0	11.0	12.0	11.0	7.0	9.0	6.0	4.0	8.0	6.0	7.0	9.0	17.0	16.0	11.0	13.0	13.0	24	17.0
13	15.0	14.0	16.0	16.0	17.0	15.0	12.0	16.0	16.0	11.0	11.0	12.0	9.0	13.0	8.0	9.0	11.0	13.0	16.0	10.0	11.0	12.0	11.0	7.0	24	17.0
14	3.0	9.0	7.0	5.0	3.0	5.0	6.0	7.0	6.0	9.0	9.0	12.0	8.0 6	6.0	10.0	10.0	8.0	7.0	12.0	9.0	8.0	16.0	8.0	4.0	24	16.0
15	7.0	5.0	8.0	7.0	3.0	4.0	5.0	5.0	6.0	8.0	9.0	7.0	12.0	12.0	8.0	6.0	6.0	11.0	8.0	12.0	8.0	9.0	14.0	14.0	24	14.0
16	10.0	9.0	8.0	6.0	3.0	6.0	15.0	9.0	16.0	10.0	8.0	10.0	10.0	7.0	10.0	7.0	8.0	8.0	6.0	5.0	3.0	1.0	AO	AO	22	16.0
17	AO	AO	AO	3.0	1.0	2.0	2.0	1.0	1.0	5.0	8.0	5.0	5.0	3.0	3.0	1.0	AO	.0	2.0	1.0	2.0	4.0	5.0	1.0	20	8.0
18	.0	-1.0	2.0	4.0	8.0	4.0	1.0	4.0	3.0	1.0	5.0	2.0	3.0	4.0	1.0	5.0	5.0	8.0	7.0	5.0	2.0	5.0	3.0	2.0	24	8.0
19	2.0	.0	-1.0	-2.0	1.0	1.0	-2.0	-2.0	-4.0	-2.0	3.0	1.0	2.0	6.0	4.0	4.0	3.0	7.0	5.0	4.0	3.0	2.0	.0	AO	23	7.0
20	AO	AO	AO	AO	AO	AO	AO	AO	2.0	1.0	1.0	7.0	10.0	7.0	6.0	5.0	4.0	5.0	7.0	8.0	8.0	5.0	3.0	1.0	16	10.0
21	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	.0	.0	3.0	3.0	2.0	4.0	3.0	.0	5.0	2.0	2.0	-2.0	3.0	1.0	14	5.0
22	-3.0	-1.0	.0	.0	.0	.0	2.0	1.0	6.0	3.0	6.0	6.0	6.0	6.0	7.0	8.0	6.0	3.0	.0	-3.0	-4.0	-1.0	-1.0	.0	24	8.0
23	2.0	1.0	AO	AO	AO	3.0	.0	2.0	3.0	2.0	2.0	AX	BA	BA	9.0	11.0	16.0	14.0	16.0	11.0	11.0	15.0	14.0	13.0	18	16.0
24	10.0	7.0	10.0	6.0	4.0	-2.0	-4.0	-2.0	-3.0	.0	-1.0	3.0	.0	-1.0	1.0	.0	-2.0	2.0	2.0	.0	AO	AO	AO	AO	20	10.0
25	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	3.0	2.0	-1.0	-2.0	-1.0	.0	5.0	8.0	5.0	5.0	7.0	6.0	12.0	9.0	14	12.0
26	5.0	5.0	5.0	4.0	4.0	7.0	5.0	3.0	2.0	1.0	5.0	4.0	BA	BA	7.0	3.0	5.0	6.0	4.0	6.0	3.0	3.0	6.0	9.0	22	9.0
27	6.0	11.0	12.0	9.0	7.0	4.0	8.0	9.0	7.0	6.0	5.0	3.0	7.0	6.0	3.0	6.0	5.0	4.0	6.0	4.0	5.0	4.0	2.0	5.0	24	12.0
28	10.0	6.0	5.0	8.0	8.0	9.0	8.0	7.0	2.0	11.0	8.0	6.0	3.0	3.0	2.0	1.0	3.0	7.0	4.0	6.0	8.0	6.0	11.0	10.0	24	11.0
29	13.0	10.0	7.0	9.0	10.0	9.0	6.0	10.0	8.0	6.0	6.0	5.0	4.0	10.0	12.0	8.0	4.0	4.0	8.0	7.0	7.0	11.0	14.0	14.0	24	14.0
30	9.0	6.0	6.0	6.0	5.0	4.0	7.0	8.0	5.0	2.0	4.0	6.0	5.0	2.0	2.0	1.0	AO	AO	AO	AO	.0	.0	-2.0	-2.0	20	9.0
31																									0	
NO.:	25	25	24	25	25	26	26	27	27	27	29	29	28	28	30	30	28	29	29	29	29	29	28	27		
MAX:	20.0	21.0	18.0	18.0	17.0	16.0	17.0	16.0	16.0	20.0	14.0	18.0	16.0	13.0	14.0	23.0	18.0	17.0	18.0	17.0	16.0	18.0	22.0	18.0		
AVG:	8.96	7.84	8.21	8.12	7.36	6.50	6.15	6.85	6.59	6.70	6.55	6.93	6.64	6.25	6.33	6.37	6.93	7.10	7.59	6.83	7.17	7.79	8.25	8.19		

MONTHLY OBSERVATIONS: 659 MONTHLY MEAN: 7.15 MONTHLY MAX: 23.0

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

(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: 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 2017

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

DAY	HOUR 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	-1.0	.0	1.0	1.0	2.0	3.0	2.0	.0	-1.0	1.0	1.0	.0	1.0	1.0	.0	.0	2.0	3.0	2.0	4.0	5.0	5.0	3.0	24	5.0
2	.0	4.0	4.0	2.0	3.0	3.0	-1.0	3.0	5.0	3.0	.0	.0 6	2.0	3.0	2.0	1.0	.0	1.0	5.0	6.0	6.0	6.0	8.0	10.0	24	10.0
3	10.0	10.0	7.0	6.0	7.0	5.0	10.0	7.0	7.0	6.0	5.0	5.0 6	6.0 6	11.0 6	6.0 6	6.0	10.0	7.0	4.0	4.0	6.0	2.0	2.0	7.0	24	11.0
4	7.0	8.0	16.0	7.0	8.0	5.0	4.0	5.0	7.0	6.0	6.0	6.0	6.0	5.0	5.0	4.0	4.0	4.0	1.0	1.0	14.0	19.0	16.0	7.0	24	19.0
5	5.0	1.0	-3.0	.0	.0	.0	.0	6.0	6.0	4.0	5.0	8.0	9.0	12.0	AX	BA	BA	5.0	8.0	4.0	.0	7.0	4.0	AJ	20	12.0
6	AJ	AJ	AJ	AJ	AJ	AJ	AJ	5.0	7.0	4.0	-1.0	2.0	.0	3.0	1.0	-2.0	6.0	6.0	7.0	7.0	4.0	2.0	3.0	2.0	17	7.0
7	-1.0	-3.0	2.0	6.0	5.0	3.0	.0	5.0	7.0	BA	BA	BA	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	9	7.0
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	0	
9	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	4.0	5.0	3.0	2.0	2.0	2.0	1.0	1.0	1.0	3.0	8.0	6.0	4.0	6.0	6.0	15	8.0
10	3.0	-1.0	2.0	5.0	5.0	6.0	6.0	4.0	1.0	5.0	6.0	3.0	.0	11.0	10.0	7.0	4.0	3.0	4.0	1.0	AJ	AJ	AJ	AJ	20	11.0
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	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	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	0	
14	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	.0	2.0	1.0	6.0	5.0	4.0	4.0	7	6.0
15	7.0	4.0	.0	3.0	2.0	5.0	3.0	13.0	7.0	2.0	2.0	4.0	3.0 6	.0	5.0	3.0	-1.0	-1.0	2.0	-1.0	1.0	8.0	7.0	AJ	23	13.0
16	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	
17	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	BA	BA	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0	
18	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AX	BA	BA	7.0	13.0	10.0	13.0	9.0	6.0	8.0	13.0	10.0	9	13.0
19	10.0	10.0	9.0	8.0	8.0	13.0	12.0	15.0	13.0	15.0	11.0	BA	BA	8.0	AX	BA	BA	10.0	14.0	15.0	11.0	17.0	16.0	20.0	19	20.0
20	12.0	13.0	9.0	9.0	13.0	20.0	8.0	17.0	22.0	19.0	BA	22.0	20.0	21.0	16.0	15.0	15.0	16.0	16.0	17.0	18.0	18.0	21.0	18.0	23	22.0
21	22.0	17.0	17.0	18.0	18.0	19.0	23.0	24.0	23.0	23.0	22.0	20.0	23.0	24.0	18.0	20.0	15.0	19.0	17.0	20.0	19.0	20.0	20.0	16.0	24	24.0
22	22.0	23.0	22.0	17.0	19.0	16.0	17.0	18.0	17.0	18.0	20.0	22.0	20.0	18.0	20.0	19.0	19.0	15.0	20.0	19.0	16.0	18.0	19.0	19.0	24	23.0
23	12.0	16.0	16.0	16.0	17.0	17.0	17.0	17.0	17.0	21.0	22.0	24.0	20.0	12.0	15.0	14.0	18.0	22.0	15.0	13.0	11.0	10.0	8.0	11.0	24	24.0
24	9.0	8.0	11.0	8.0	9.0	10.0	11.0	8.0	11.0	12.0	14.9	13.0	16.9	14.0	12.0	9.0	10.9	14.9	14.0	11.0	13.9	15.9	20.9	15.0	24	20.9
25	19.9	19.0	13.0	17.9	15.0	16.9	17.0	17.9	17.0	12.0	14.9	15.9	13.0	13.0	13.0	14.9	19.9	16.0	16.0	16.9	17.0	20.9	23.9	18.0	24	23.9
26	15.0	14.0	10.0	10.9	11.0	11.0	9.0	15.9	13.0	14.0	12.0	10.0	10.9	11.0	11.0	11.9	14.9	13.0	16.9	13.0	13.9	20.9	19.0	17.0	24	20.9
27	17.0	14.0	14.9	14.0	13.0	11.0	11.0	12.9	13.9	11.0	11.0	12.9	9.0	14.9	12.0	13.9	14.0	15.9	18.9	15.0	19.9	17.0	19.9	12.0	24	19.9
28	17.9	12.0	14.9	15.9	15.0	9.0	17.9	18.0	17.0	16.0	20.9	20.0	20.9	19.0	17.0	17.0	19.9	18.0	11.0	12.9	13.9	13.0	13.9	17.9	24	20.9
29	15.0	13.0	15.9	16.9	18.9	21.9	16.0	14.0	13.0	10.0	6.0	10.9	11.9	11.0	11.0	11.0	9.0	9.0	9.9	11.9	11.0	7.0	5.0	9.9	24	21.9
30	10.0	7.0	8.9	9.9	8.0	8.0	9.9	8.0	12.9	12.0	12.0	8.0	6.0	6.0	6.9	7.9	11.9	9.0	8.0	8.9	8.0	13.9	15.9	9.0	24	15.9
31	12.9	12.0	14.9	15.0	12.0	14.9	13.0	20.9	15.0	13.0	13.0	11.0	8.0	11.9	9.0	9.0	8.0	8.9	12.9	15.9	11.0	11.9	14.9	16.9	24	20.9
NO.:	21	21	21	21	21	21	21	22	22	22	21	21	21	22	20	21	21	24	24	24	23	23	23	21		
MAX:	22.0	23.0	22.0	18.0	19.0	21.9	23.0	24.0	23.0	23.0	22.0	24.0	23.0	24.0	20.0	20.0	19.9	22.0	20.0	20.0	19.9	20.9	23.9	20.0		
AVG:	10.75	9.52	9.74	9.83	9.90	10.32	9.85	11.66	11.45	10.41	9.94	10.56	9.89	10.54	9.65	9.03	10.12	9.36	10.07	9.65	10.29	11.72	12.41	11.84		

MONTHLY OBSERVATIONS: 522 MONTHLY MEAN: 10.36 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.

(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: 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: AUGUST 2017

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

DAY	HOUR 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	14.9	13.0	13.0	15.9	14.0	12.0	13.9	13.0	11.0	10.0	12.9	10.0	12.9	13.0	11.0	11.0	11.9	9.0	11.9	12.0	16.9	17.0	15.0	24	17.0
2	14.0	14.0	19.9	16.0	18.9	13.0	15.9	16.0	13.0	14.9	15.0	15.9	12.0	15.9	19.9	17.0	20.9	21.0	17.0	20.9	17.0	24.9	17.0	21.9	24	24.9
3	20.0	20.0	20.0	19.0	21.9	21.0	20.0	20.9	24.9	27.9	AZ	BA	BA	BA	BA	BA	BC	BC	AZ	AZ	AZ	AZ	AZ	AZ	10	27.9
4	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
5	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
6	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
7	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
8	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	7.0	3.0	3.0	5.9	7.9	6.0	6.0	6.9	7.0	6.0	8.9	9.9	9.0	13	9.9
9	6.0	6.9	7.0	6.0	7.9	11.9	10.0	12.9	11.0	9.0	9.9	9.0	10.9	9.0	9.9	7.0	6.0	7.9	11.9	11.0	11.0	11.0	9.0	12.9	24	12.9
10	9.0	10.9	9.0	9.0	9.9	10.0	10.0	10.0	11.9	8.0	7.0	5.0	4.0	4.9	4.0	3.0	3.0	4.9	5.0	5.0	6.9	7.0	9.9	10.0	24	11.9
11	7.0	5.0	4.0	2.0	3.9	4.9	5.9	7.9	8.0	9.9	9.0	10.9	13.9	15.9	10.0	12.9	9.0	9.0	9.0	8.0	8.9	6.0	6.0	7.9	24	15.9
12	5.0	1.0	1.0	1.9	2.9	2.0	1.0	1.9	5.9	5.0	5.0	5.9	8.9	9.0	6.0	6.9	7.0	7.9	5.0	6.9	5.0	2.0	3.9	4.9	24	9.0
13	4.0	4.0	2.0	1.0	2.9	4.9	5.0	3.0	2.0	6.9	5.0	8.9	10.9	10.0	11.9	13.9	14.0	10.0	9.0	7.0	7.0	10.9	9.0	9.9	24	14.0
14	10.9	10.0	6.0	9.9	11.9	11.0	9.0	12.9	13.9	14.0	11.0	19.8	10.1	13.9	15.9	13.0	11.0	11.0	12.9	12.0	12.9	11.0	11.0	9.0	24	19.8
15	6.0	15.8	6.1	7.9	9.9	8.0	6.0	9.9	11.9	13.9	14.0	11.0	13.9	18.9	10.1	10.9	10.0	12.9	9.0	9.9	6.0	6.9	10.9	6.0	24	18.9
16	6.0	6.0	6.0	6.9	7.9	5.0	5.9	5.0	4.0	5.9	7.9	7.0	11.9	AX	BA	BA	11.0	13.9	9.0	12.9	12.0	12.9	12.0	10.0	21	13.9
17	11.9	17.9	8.1	13.9	15.9	15.0	15.0	14.0	18.2	18.0	13.0	10.0	6.0	7.9	7.0	7.0	6.0	8.9	8.0	9.9	10.9	7.0	5.0	7.9	24	18.2
18	7.0	7.0	6.0	6.9	7.0	4.0	4.9	9.9	13.0	13.0	12.0	12.0	11.0	10.0	7.0	9.9	7.0	10.9	13.9	12.0	11.0	14.9	15.9	13.0	24	15.9
19	9.0	12.9	8.0	8.9	5.0	6.9	7.0	6.0	7.9	7.0	7.0	9.9	10.9	9.0	8.0	8.0	9.9	8.0	9.9	10.9	13.9	13.0	14.9	13.0	24	14.9
20	17.9	15.0	13.0	12.0	13.9	11.0	9.0	13.9	15.9	12.0	14.9	9.1	11.9	10.0	8.0	7.0	10.9	13.9	11.0	14.9	15.0	11.0	12.9	18.9	24	18.9
21	12.1	14.9	15.0	14.0	16.9	12.0	12.0	13.9	16.9	13.0	12.0	14.9	12.0	9.0	10.9	11.0	13.9	11.0	11.9	16.9	9.1	13.9	13.0	13.0	24	16.9
22	16.9	16.0	9.1	9.9	7.0	8.9	13.9	12.0	15.9	13.0	10.0	9.0	11.9	10.0	10.0	9.0	8.0	8.9	8.0	6.0	7.9	8.0	8.0	7.0	24	16.9
23	6.0	4.0	7.9	8.0	7.0	5.0	10.9	11.0	13.9	14.0	14.0	14.9	15.9	10.1	11.9	13.9	14.9	14.0	12.0	11.0	13.9	8.1	6.0	6.9	24	15.9
24	6.0	4.0	8.9	8.0	11.9	9.0	8.0	9.9	9.0	9.0	9.0	8.0	8.0	10.9	8.0	8.0	8.0	9.9	10.0	14.9	9.1	10.9	10.0	10.9	24	14.9
25	11.0	9.0	11.9	12.9	11.0	11.0	8.0	14.8	12.0	16.9	5.2	7.9	8.0	7.0	7.9	6.0	9.9	8.0	11.9	12.9	11.0	9.0	11.9	13.9	24	16.9
26	10.0	10.0	8.0	14.8	8.1	11.9	11.0	11.9	12.0	6.1	6.9	5.0	5.9	6.9	7.0	9.9	10.0	11.9	10.0	10.0	11.9	10.0	9.0	13.9	24	14.8
27	9.0	11.9	9.0	6.0	7.9	8.0	6.0	6.9	9.9	8.0	6.0	5.0	5.0	5.0	9.9	8.0	8.9	6.0	6.0	6.9	11.9	9.0	7.0	9.9	24	11.9
28	9.0	7.0	7.9	7.0	6.0	6.0	6.9	6.0	7.9	8.9	9.9	9.0	8.0	11.9	9.0	12.9	7.1	6.0	6.0	6.9	6.0	7.9	7.0	5.0	24	12.9
29	5.9	4.0	9.9	6.0	4.0	3.0	2.0	.0	1.9	1.0	1.9	1.0	1.9	3.9	2.0	2.9	3.0	3.0	3.0	3.0	2.0	2.0	6.9	5.0	24	9.9
30	4.0	4.0	3.0	3.0	4.9	5.0	5.9	3.0	5.9	5.0	3.0	4.9	4.0	AX	BA	BA	6.0	4.0	3.0	4.9	7.9	8.9	9.0	9.9	21	9.9
31	10.0	6.0	6.0	8.9	6.0	6.0	10.9	12.9	14.9	12.0	11.0	10.0	5.0	2.0	2.9	3.9	6.9	9.9	6.0	5.0	9.9	7.0	6.0	6.9	24	14.9
NO.:	26	26	26	26	26	26	26	26	26	26	25	26	26	24	24	24	26	26	26	26	26	26	26	26		
MAX:	20.0	20.0	20.0	19.0	21.9	21.0	20.0	20.9	24.9	27.9	15.0	19.8	15.9	18.9	19.9	17.0	20.9	21.0	17.0	20.9	17.0	24.9	17.0	21.9		
AVG:	9.48	9.70	8.68	8.95	9.48	8.78	8.93	10.02	11.33	10.90	9.18	9.38	9.03	9.46	9.00	9.20	9.20	9.64	9.01	9.95	9.85	9.96	9.93	10.45		

MONTHLY OBSERVATIONS: 617 MONTHLY MEAN: 9.57 MONTHLY MAX: 27.9

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: 37-183-0014 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: 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: SEPTEMBER 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	7.9	8.9	9.0	9.9	10.0	9.0	9.0	8.0	9.0	10.0	13.9	10.0	7.0	5.0	5.9	6.0	13.9	9.0	4.0	4.0	4.9	5.9	4.0	3.0	24	13.9
2	3.0	1.0	.0	.0	2.9	3.0	1.0	-.9	.9	2.9	5.9	4.0	5.9	6.9	9.9	7.0	12.9	8.0	7.0	7.0	8.9	7.0	6.0	6.0	24	12.9
3	6.9	4.0	4.9	2.0	6.9	8.9	6.0	5.0	5.9	6.0	4.0	3.0	5.9	5.0	3.0	3.9	4.9	5.9	6.9	7.0	6.0	6.0	6.0	6.0	24	8.9
4	11.9	12.0	10.0	10.0	10.9	10.0	9.0	6.0	8.9	9.0	12.9	12.0	15.9	17.9	13.0	11.0	9.0	13.9	10.0	8.0	14.9	15.9	12.0	14.9	24	17.9
5	17.9	8.0	17.9	18.0	16.0	13.0	15.9	14.0	13.0	12.0	13.9	14.0	11.0	10.0	13.9	13.0	15.9	16.0	12.0	10.0	9.0	16.9	21.9	19.0	24	21.9
6	9.0	9.0	5.0	8.9	8.0	6.0	5.0	5.9	6.9	11.9	12.9	11.0	10.0	9.0	9.9	11.9	7.0	4.0	4.9	9.9	9.0	9.9	9.0	7.0	24	12.9
7	7.0	5.0	5.9	7.9	8.0	7.0	9.9	10.0	9.0	AX	BA	BA	4.0	5.9	6.0	5.0	5.9	5.0	4.0	4.0	5.9	8.9	9.9	6.0	21	10.0
8	11.9	12.0	14.9	3.0	4.9	5.9	6.0	5.0	6.9	6.0	4.0	2.0	2.0	2.9	1.0	1.9	4.9	5.0	3.0	3.0	5.9	8.9	7.0	7.0	24	14.9
9	8.9	9.9	9.0	9.9	7.0	7.0	10.9	8.0	9.9	7.0	6.0	5.0	6.9	7.0	6.0	6.0	6.0	3.0	3.0	6.9	6.0	7.9	8.0	8.9	24	10.9
10	7.0	7.0	4.0	2.0	4.9	5.9	4.0	9.9	6.0	6.9	5.0	4.0	4.0	3.0	3.9	3.0	1.0	.0	2.9	3.0	2.0	3.9	5.9	5.0	24	9.9
11	7.9	6.0	6.0	4.0	4.0	4.0	4.9	6.9	8.9	6.0	5.0	4.0	4.0	6.9	6.0	6.9	6.0	5.0	6.9	5.0	5.0	5.9	8.9	5.0	24	8.9
12	7.9	6.0	4.0	4.0	3.0	3.9	4.0	4.0	3.0	3.0	3.9	1.0	1.0	1.9	4.9	5.0	5.9	9.9	8.0	10.9	7.0	5.0	6.9	6.0	24	10.9
13	4.0	3.0	3.0	3.9	4.9	5.0	6.9	6.0	6.9	7.9	7.0	8.9	6.0	6.0	7.9	8.9	9.9	9.0	6.0	8.9	9.9	7.0	9.9	8.0	24	9.9
14	9.9	10.0	6.0	6.0	8.9	7.0	13.9	12.0	9.0	9.0	8.0	AX	BA	BA	10.0	9.0	9.9	10.0	11.9	10.0	15.9	16.0	16.9	14.0	21	16.9
15	11.0	13.9	12.0	10.0	14.9	15.9	11.0	15.9	13.0	8.0	5.0	7.9	8.9	13.9	8.0	8.9	6.0	6.9	10.9	7.0	10.9	11.0	11.0	10.0	24	15.9
16	11.9	12.0	9.0	9.0	9.0	11.9	13.9	10.0	14.9	10.0	11.9	8.0	7.0	11.9	8.0	7.0	6.0	6.0	8.9	10.9	14.9	8.0	13.9	14.0	24	14.9
17	12.0	14.9	11.0	11.0	11.0	11.0	11.9	11.0	10.0	6.0	6.0	6.0	6.0	5.0	5.0	5.9	4.0	6.9	6.0	6.0	6.9	7.0	6.0	5.0	24	14.9
18	5.9	6.9	7.0	7.9	8.9	5.0	5.0	4.0	4.0	4.0	7.9	7.0	7.0	6.0	4.0	5.9	5.0	4.0	6.9	7.0	14.9	8.0	5.0	5.9	24	14.9
19	6.0	8.9	9.9	7.0	9.9	9.0	9.9	10.9	12.9	13.9	9.0	8.0	11.9	12.0	13.9	14.9	12.0	12.0	10.0	8.0	8.9	9.0	8.0	8.9	24	14.9
20	13.9	11.0	9.0	10.9	8.0	8.0	10.9	9.0	12.9	15.9	13.0	14.9	9.0	9.9	7.0	6.0	8.9	9.9	13.9	15.9	14.0	14.9	14.0	13.0	24	15.9
21	13.0	13.9	11.0	15.9	7.1	11.9	10.0	14.9	11.0	7.0	5.0	5.9	6.9	9.9	10.0	10.0	10.0	11.9	9.0	12.9	10.0	9.0	15.9	14.0	24	15.9
22	15.9	12.0	12.0	11.0	11.9	10.0	12.9	9.0	17.9	14.0	10.0	9.0	9.9	10.0	11.9	10.0	9.0	10.9	9.0	13.9	14.9	16.9	14.0	16.9	24	17.9
23	11.0	11.9	13.9	17.9	15.0	15.9	15.0	12.0	15.9	11.0	10.0	9.0	10.9	7.0	5.0	6.9	4.0	7.9	7.0	7.9	13.9	13.0	13.0	16.9	24	17.9
24	12.0	12.9	11.0	11.9	9.0	11.9	12.0	10.0	11.9	9.0	9.0	6.0	3.0	3.0	1.0	1.9	3.9	4.9	4.0	6.9	10.9	10.0	10.0 6	11.9 6	24	12.9
25	10.0 6	8.0 6	8.9 6	6.0 6	8.9 6	8.0 6	7.0 6	7.9 6	9.9 6	7.0	7.0	7.9	6.0 6	4.0	4.0	5.9	5.0	5.0	4.0	4.9	5.0	3.0	2.0	5.9	24	10.0
26	5.0	3.0	2.0	.0	.9	3.9	3.0	2.0	4.9	5.9	6.0	4.0	2.0	2.0	2.9	3.0	3.0	2.0	3.9	4.9	6.9	6.0	6.0	4.0	24	6.9
27	4.0	5.9	4.0	4.0	3.0	5.9	5.0	5.0	5.0	9.9	8.0	6.0	6.0	4.0	5.9	6.9	6.0	5.0	5.0	6.9	7.0	6.0	7.9	8.9	24	9.9
28	9.9	10.0	8.0	6.0	6.0	12.9	12.0	11.0	14.9	11.0	11.0	15.9	16.9	12.0	12.9	14.9	10.0	10.9	15.9	16.0	12.0	11.0	10.0	14.9	24	16.9
29	10.0	10.9	11.0	8.0	6.0	4.0	5.9	5.0	3.0	3.9	5.9	6.0	3.0	3.0	2.0	2.0	4.9	5.0	4.0	5.9	7.9	6.0	6.0	7.9	24	11.0
30	9.9	9.0	7.0	11.9	10.0	10.0	10.0	10.9	7.0	6.0	6.9	7.9	6.0	3.0	3.9	4.0	3.0	2.0	1.0	3.9	4.9	5.0	7.9	6.0	24	11.9
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	29	29	28	29	29	30	30	30	30	30	30	30	30	30	30		
MAX:	17.9	14.9	17.9	18.0	16.0	15.9	15.9	15.9	17.9	15.9	13.9	15.9	16.9	17.9	13.9	14.9	15.9	16.0	15.9	16.0	15.9	16.9	21.9	19.0		
AVG:	9.42	8.90	8.21	7.93	7.99	8.36	8.73	8.28	9.11	8.28	8.07	7.44	7.03	7.03	6.89	7.09	7.13	7.16	7.00	7.88	9.14	8.96	9.43	9.33		

MONTHLY OBSERVATIONS: 714 MONTHLY MEAN: 8.12 MONTHLY MAX: 21.9

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

(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: 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: OCTOBER 2017

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

DAY	HOUR 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	6.0	6.0	6.0	4.0	2.0	5.9	4.0	4.9	4.0	3.0	3.0	1.0	.0	2.9	3.9	5.9	6.9	6.0	6.0	6.9	8.9	8.0	7.0	24	8.9
2	7.9	6.0	6.0	5.0	5.0	5.0	8.9	9.0	7.0	AX	BA	BA	BA	1.0	1.9	2.0	3.9	5.9	4.0	5.9	6.0	7.9	8.0	7.0	20	9.0
3	5.0	5.0	8.9	7.0	7.9	8.0	7.0	8.9	11.9	8.0	10.9	6.0	2.0	4.9	4.0	5.9	5.0	4.0	5.9	6.9	6.0	6.0	8.9	8.0	24	11.9
4	7.0	6.0	6.9	7.0	6.0	6.0	5.0	7.9	8.9	9.0	6.0	6.0	6.0	5.0	5.9	5.0	7.9	6.0	6.9	9.9	6.0	6.9	5.0	5.9	24	9.9
5	7.9	7.0	5.0	7.9	9.9	9.0	8.0	6.0	5.0	9.9	9.0	9.0	6.0	5.0	4.0	3.0	6.9	5.0	5.0	9.9	8.0	8.9	7.0	5.0	24	9.9
6	5.9	8.9	6.0	7.9	9.9	8.0	7.0	8.9	8.0	8.0	6.0	4.0	5.9	6.9	6.0	6.0	4.0	4.9	6.9	7.9	8.9	8.0	8.0	8.9	24	9.9
7	7.0	7.0	7.0	7.0	9.9	7.0	7.0	11.9	12.0	9.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0	2.0	1.0	.0	1.9	2.0	-.9	-1.0	24	12.0
8	-1.0	.0	.9	3.9	3.0	2.0	3.9	4.9	5.0	5.9	6.0	3.0	2.0	1.0	1.0	1.0	1.0	.0	.0	.9	1.9	3.9	3.0	5.9	24	6.0
9	6.0	6.9	7.0	5.0	3.0	3.9	4.9	5.0	4.0	3.0	2.0	5.9	6.0	6.9	6.0	4.0	5.9	9.9	7.0	3.0	.0	5.9	6.0	4.0	24	9.9
10	4.0	7.9	11.9	7.0	4.0	5.9	8.9	9.9	10.9	11.0	10.0	11.9	11.0	11.0	11.0	12.9	10.0	10.0	10.0	9.0	7.0	6.0	6.9	6.0	24	12.9
11	5.0	5.0	7.9	6.0	6.9	7.9	7.0	5.0	6.9	8.9	8.0	6.0	10.9	8.0	7.0	13.8	10.0	9.0	10.9	7.0	5.0	3.0	2.0	2.9	24	13.8
12	7.9	11.9	8.0	7.0	7.0	10.9	9.0	9.9	11.9	14.9	16.9	12.0	11.0	12.9	9.0	4.0	3.0	3.0	2.0	2.9	4.9	3.0	2.0	2.9	24	16.9
13	3.0	3.9	2.0	3.9	4.0	4.0	3.0	3.0	4.9	5.9	6.0	4.0	2.0	4.9	5.9	6.0	6.0	3.0	7.9	8.0	9.9	9.0	7.0	7.0	24	9.9
14	7.0	5.0	4.0	5.9	6.0	5.0	4.0	6.9	7.0	5.0	5.0	4.0	4.0	4.9	4.0	3.0	5.9	6.0	6.0	6.9	13.8	9.0	11.9	8.0	24	13.8
15	7.0	6.0	6.9	6.0	10.9	9.0	6.0	6.9	7.9	7.0	7.9	8.0	9.9	9.0	9.9	9.0	8.0	7.0	15.8	9.1	11.9	11.0	10.0	8.0	24	15.8
16	6.0	6.9	5.0	11.8	7.0	7.9	7.0	10.9	8.0	6.0	3.0	3.0	3.9	3.0	3.9	5.9	5.0	5.0	6.9	6.0	5.0	5.9	7.9	6.0	24	11.8
17	6.0	4.0	4.0	4.9	4.0	5.9	6.0	7.9	6.0	4.0	3.0	3.9	3.0	1.0	1.9	5.9	6.0	3.0	2.0	5.9	7.9	6.0	5.0	5.9	24	7.9
18	6.9	7.0	6.0	6.9	6.0	7.9	7.0	6.0	12.8	11.0	AX	BA	BA	BA	2.2	1.0	2.9	3.9	4.9	5.9	6.0	7.9	10.9	9.0	20	12.8
19	9.9	11.9	8.0	5.0	8.9	7.0	10.9	11.0	10.0	10.0	9.0	5.0	7.9	7.0	5.0	5.0	6.9	7.9	7.0	11.9	13.9	13.0	11.0	9.0	24	13.9
20	10.9	11.9	12.0	10.0	9.0	9.0	8.0	11.9	12.9	15.9	8.1	7.0	11.9	7.0	6.0	5.0	5.0	9.9	12.9	10.0	11.9	14.9	15.0	17.9	24	17.9
21	16.0	14.0	15.9	16.9	17.9	16.0	15.0	14.0	11.0	11.0	9.0	11.9	12.0	11.0	7.0	5.0	5.9	5.0	13.8	19.9	27.8	12.2	15.9	19.9	24	27.8
22	18.0	20.9	22.9	22.0	16.1	21.9	22.9	20.0	16.0	16.9	9.1	10.9	11.9	10.0	6.0	5.0	6.9	5.0	5.9	10.9	11.9	9.0	10.9	9.0	24	22.9
23	11.9	8.0	4.0	4.9	5.0	4.0	5.9	7.9	5.0	2.0	5.9	5.0	4.0	5.9	4.0	3.0	3.0	3.9	2.0	2.9	4.9	3.0	1.0	1.9	24	11.9
24	2.0	2.0	2.9	3.0	3.0	3.9	7.9	7.0	7.9	6.0	6.9	6.0	5.0	7.9	8.9	9.9	6.0	5.0	6.9	7.0	6.0	7.9	10.9	10.0	24	10.9
25	8.0	9.9	7.0	6.0	6.9	6.0	6.0	7.9	7.0	10.9	6.0	6.0	3.0	3.9	4.0	.0	3.9	4.0	4.9	8.9	8.0	9.9	8.0	6.0	24	10.9
26	7.9	7.0	6.0	6.0	5.0	5.9	6.9	7.9	5.0	5.9	6.0	6.0	4.0	4.0	3.0	3.0	2.0	2.9	6.9	6.0	9.9	12.9	11.0	11.0	24	12.9
27	11.9	12.0	12.0	10.0	10.0	7.0	9.9	9.0	11.9	12.9	10.0	10.0	10.0	9.0	10.9	8.0	8.9	9.9	10.0	9.0	8.0	8.0	7.0	7.9	24	12.9
28	8.0	10.9	11.0	10.0	15.9	8.1	13.9	11.0	12.9	12.0	7.0	7.0	6.0	6.0	5.0	5.9	4.0	4.0	7.9	10.9	14.9	14.0	10.0	9.0	24	15.9
29	11.9	9.0	6.0	3.0	3.9	4.9	5.9	5.0	4.0	5.9	6.0	4.0	5.9	6.0	7.9	7.0	5.0	3.0	5.9	6.9	6.0	5.0	5.0	6.9	24	11.9
30	8.9	5.0	3.0	4.9	4.0	4.9	5.9	5.0	6.9	7.0	7.0	4.0	6.9	4.0	5.9	6.0	3.0	3.9	6.9	9.9	8.0	9.9	9.0	9.9	24	9.9
31	9.0	10.9	11.0	10.0	10.9	7.0	7.0	8.9	8.0	9.9	9.0	6.0	4.0	6.9	7.9	6.0	11.9	10.0	11.9	11.0	15.9	14.0	19.9	16.0	24	19.9
NO.:	31	31	31	31	31	31	31	31	31	30	29	29	29	30	31	31	31	31	31	31	31	31	31	31		
MAX:	18.0	20.9	22.9	22.0	17.9	21.9	22.9	20.0	16.0	16.9	16.9	12.0	12.0	12.9	11.0	13.8	11.9	10.0	15.8	19.9	27.8	14.9	19.9	19.9		
AVG:	7.73	7.86	7.45	7.35	7.45	7.13	7.79	8.37	8.44	8.56	7.16	6.36	6.31	6.00	5.61	5.33	5.60	5.45	6.84	7.62	8.52	8.16	8.10	7.77		

MONTHLY OBSERVATIONS: 736 MONTHLY MEAN: 7.21 MONTHLY MAX: 27.8

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

(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: 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: NOVEMBER 2017

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

DAY	HOUR 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	15.0	15.9	20.9	21.0	22.9	16.1	19.9	15.0	18.9	20.9	17.0	17.9	13.0	12.0	10.0	10.9	9.0	6.0	6.0	13.8	14.0	15.9	14.0	16.9	24	22.9
2	8.1	12.9	11.0	9.0	11.9	10.0	9.0	12.9	15.9	16.9	12.0	8.0	4.0	4.9	4.0	4.0	6.9	5.0	5.0	5.0	5.9	6.0	11.9	12.0	24	16.9
3	11.0	13.9	14.0	9.0	16.8	15.0	11.0	10.0	13.9	17.9	13.0	AX	BA	BA	9.0	11.0	11.0	10.0	10.0	11.0	19.0	14.0	16.0	13.0	21	19.0
4	16.0	16.0	15.0	14.0	13.0	9.0	8.0	8.0	12.0	12.0	9.0	10.0	8.0	7.0	14.0	10.0	12.0	10.0	16.0	15.0	14.0	12.0	13.0	11.0	24	16.0
5	11.0	9.0	12.9	12.0	12.9	13.0	9.0	9.9	7.0	6.0	6.0	8.9	9.0	7.0	6.0	6.9	4.0	7.9	7.0	9.9	10.0	13.9	14.9	11.0	24	14.9
6	9.0	12.9	10.0	10.0	11.0	14.0	9.0	11.0	11.0	11.9	11.0	11.0	13.0	12.0	12.9	16.0	14.0	9.0	10.9	13.9	16.0	17.0	15.0	18.0	24	18.0
7	18.0	18.0	16.0	14.0	16.9	13.0	15.0	15.0	15.0	13.0	15.0	22.0	17.0	15.0	16.0	23.0	6.0	4.0	3.0	3.0	7.0	6.0	5.0	3.0	24	23.0
8	2.0	5.0	5.0	4.0	2.0	1.0	4.0	4.0	5.0	6.0	5.0	3.0	3.0	3.0	6.0	4.0	1.0	4.0	2.0	1.0	3.0	6.0	4.0	2.0	24	6.0
9	2.0	4.0	4.0	5.0	5.0	5.0	4.0	4.0	2.0	1.0	3.0	3.0	4.0	4.0	.0	.0	3.0	3.0	4.0	2.0	2.0	2.0	1.0	4.0	24	5.0
10	4.0	3.0	2.0	4.0	6.0	3.0	4.0	7.0	9.0	7.0	7.0	7.0	8.0	6.0	7.0	5.0	6.0	6.0	13.0	13.0	11.0	11.0	8.0	9.0	24	13.0
11	10.0	6.0	6.0	7.0	6.0	3.0	8.0	6.0	7.0	6.0	6.0	7.0	9.0	7.0	6.0	8.0	11.0	7.0	8.0	13.0	13.0	13.0	16.0	19.0	24	19.0
12	17.0	14.0	14.0	15.9	14.0	10.0	10.9	10.0	10.9	8.0	8.9	6.0	7.9	8.9	8.0	11.9	10.0	11.9	13.9	16.9	18.9	13.0	14.9	13.0	24	18.9
13	19.9	17.0	17.0	15.0	10.0	7.0	10.9	8.0	8.0	8.9	9.0	7.0	7.0	7.0	7.0	9.9	8.0	8.0	8.9	9.0	12.9	10.0	9.0	11.9	24	19.9
14	12.0	11.0	14.9	15.0	16.9	18.9	18.0	19.9	19.0	15.0	15.9	14.0	13.0	8.0	9.9	8.0	7.0	7.0	7.9	11.9	8.0	9.9	9.0	14.9	24	19.9
15	10.0	10.0	7.0	7.9	6.0	7.9	9.9	9.0	12.9	10.0	AZ	BA	BA	BA	4.0	8.9	5.0	5.0	6.9	8.9	7.0	5.0	7.9	12.9	20	12.9
16	13.9	15.9	16.0	16.9	12.0	13.9	13.0	14.9	12.0	16.9	12.0	6.0	-.9	.9	1.9	1.0	2.9	2.0	1.0	6.9	9.9	9.0	7.0	4.0	24	16.9
17	5.9	5.0	4.0	5.9	6.0	4.0	3.0	4.9	5.9	6.9	3.0	3.9	2.0	-1.9	.9	3.9	3.0	3.0	4.9	5.9	12.9	11.0	10.0	16.9	24	16.9
18	17.0	17.9	18.0	12.0	17.9	17.0	12.0	11.0	11.0	11.0	9.0	5.0	2.0	2.0	3.9	3.0	3.0	1.0	2.9	3.0	1.0	-1.9	-1.0	-1.0	24	18.0
19	-1.9	-2.0	-3.9	-3.0	-2.0	-2.9	-3.0	.0	1.9	1.0	-1.9	-1.0	-1.0	-1.9	-3.9	-4.9	-3.0	.0	.0	-2.9	2.9	3.9	6.9	6.0	24	6.9
20	6.9	6.0	7.9	8.9	6.0	3.0	7.9	8.0	8.9	7.0	8.9	8.0	5.0	5.0	5.0	1.0	3.9	5.9	6.0	6.9	9.9	10.0	14.9	17.9	24	17.9
21	18.0	13.0	10.0	10.9	10.0	10.9	7.0	10.9	16.9	14.0	10.0	6.0	3.0	2.0	2.0	.0	-3.9	-3.0	1.9	4.9	10.9	6.0	5.0	5.9	24	18.0
22	4.0	1.0	7.9	8.9	4.0	1.0	3.9	7.0	7.9	8.0	5.0	-1.9	.9	1.9	2.0	2.0	6.9	6.0	4.0	3.0	4.9	4.0	4.0	3.0	24	8.9
23	3.0	9.9	6.0	4.0	8.9	8.0	8.0	6.0	8.9	9.0	6.0	6.0	6.9	5.0	4.0	4.9	4.0	4.9	14.9	15.9	15.0	14.0	14.9	15.9	24	15.9
24	15.0	20.9	19.0	23.9	20.0	17.0	21.9	17.0	17.0	16.0	7.0	10.9	7.0	7.0	5.0	-.9	-1.0	4.9	8.9	10.9	9.0	8.0	18.9	21.9	24	23.9
25	22.0	22.9	25.9	26.0	26.9	24.0	25.9	25.0	28.9	18.0	15.0	8.0	6.0	6.9	10.9	6.0	5.0	4.0	6.9	9.9	11.9	11.0	15.9	15.0	24	28.9
26	20.9	13.0	10.0	11.9	8.0	8.9	8.0	8.0	8.9	6.0	3.0	3.9	1.0	-2.9	-2.0	-2.0	.9	2.9	4.9	5.9	4.0	12.9	15.9	13.0	24	20.9
27	18.9	8.0	20.9	15.0	13.0	20.9	11.0	10.0	15.9	6.0	4.0	.0	.9	2.9	.0	.0	1.9	-1.9	.0	10.9	11.9	14.9	16.9	13.0	24	20.9
28	11.0	13.9	13.0	13.0	15.9	13.0	14.9	14.0	12.0	12.9	12.0	6.0	3.0	5.9	4.0	.0	.0	2.9	5.9	9.9	6.0	21.9	24.9	18.0	24	24.9
29	20.9	16.0	18.9	16.0	12.0	15.9	10.0	15.9	16.0	13.0	17.9	5.0	5.0	2.0	5.9	3.0	3.0	3.9	5.9	12.9	14.9	15.0	15.0	12.0	24	20.9
30	19.9	20.9	18.0	17.0	17.0	20.9	12.0	15.9	21.9	19.0	13.0	15.9	8.0	8.0	6.0	6.9	9.9	8.0	8.9	13.9	17.9	16.0	23.9	20.0	24	23.9
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	29	28	28	28	30	30	30	30	30	30	30	30	30	30		
MAX:	22.0	22.9	25.9	26.0	26.9	24.0	25.9	25.0	28.9	20.9	17.9	22.0	17.0	15.0	16.0	23.0	14.0	11.9	16.0	16.9	19.0	21.9	24.9	21.9		
AVG:	12.01	11.70	12.04	11.67	11.56	10.71	10.20	10.61	12.05	10.84	9.02	7.38	5.88	5.16	5.51	5.38	5.01	4.94	6.65	8.84	10.16	10.35	11.76	11.77		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: 9.24 MONTHLY MAX: 28.9

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: 37-183-0014 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: 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 2017

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

DAY	HOUR 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	20.9	21.9	19.0	18.0	20.9	21.9	22.0	20.0	15.0	17.9	AX	BA	BA	7.0	5.0	4.0	4.0	6.9	15.9	7.0	12.9	10.0	8.0	8.9	21	22.0
2	12.9	10.0	16.9	10.0	11.9	13.9	14.0	14.9	14.0	12.0	10.0	8.0	6.0	10.9	13.9	12.0	11.0	11.0	15.9	12.0	14.9	13.0	15.9	11.0	24	16.9
3	11.0	13.9	11.0	19.9	21.9	8.1	11.9	12.9	13.0	12.0	13.9	9.0	10.9	7.0	6.0	10.9	11.9	12.9	13.0	18.9	18.0	20.9	21.9	19.0	24	21.9
4	19.0	11.0	11.9	12.9	16.9	13.0	15.9	12.0	13.9	9.0	15.9	13.0	10.0	5.0	4.0	3.0	1.0	3.9	7.9	10.9	7.0	13.9	14.0	11.0	24	19.0
5	11.9	7.0	7.0	8.9	9.0	16.9	8.0	6.0	5.0	12.9	12.0	9.0	4.0	2.0	-2.9	-3.9	.0	1.9	3.9	5.9	8.9	5.0	1.0	3.9	24	16.9
6	1.0	-1.9	-4.9	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	3.9	4.0	4.0	5.9	4.0	1.0	1.9	4.9	5.0	4.0	5.9	8.9	7.0	8.9	24	8.9
7	10.9	6.0	10.9	11.9	6.0	4.0	4.9	4.0	4.9	4.0	3.0	2.0	7.9	6.0	5.0	3.0	3.0	8.9	10.9	10.0	10.9	11.0	11.9	12.9	24	12.9
8	22.9	10.0	15.9	7.0	5.0	2.0	2.0	3.9	6.9	4.0	6.9	4.0	6.9	7.9	7.0	10.9	8.0	10.9	7.0	6.0	3.0	4.9	4.0	4.0	24	22.9
9	5.9	3.0	2.0	4.9	3.0	-.9	4.9	4.0	4.9	5.0	3.0	1.0	1.0	1.9	-.9	1.9	4.9	5.9	6.0	11.9	12.9	9.0	8.0	12.9	24	12.9
10	17.9	13.0	13.0	9.0	7.0	6.0	8.9	8.0	6.0	8.9	10.9	7.0	6.0	7.9	5.0	1.0	6.9	5.0	6.9	23.8	21.0	22.9	20.0	15.0	24	23.8
11	15.0	18.9	17.0	13.0	10.0	11.9	12.0	14.9	16.9	14.0	14.0	9.0	6.0	3.0	5.9	5.0	3.0	5.9	9.9	10.0	11.9	12.9	14.9	13.0	24	18.9
12	10.0	15.9	10.0	11.9	10.0	11.9	13.9	11.0	10.0	16.9	13.0	10.0	7.0	7.0	8.9	6.0	6.0	3.0	3.0	5.9	5.0	5.9	5.0	5.9	24	16.9
13	6.0	4.0	6.9	8.9	10.9	7.0	9.9	6.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0	3.0	3.0	5.9	7.9	8.0	7.0	6.0	7.9	9.9	24	10.9
14	6.0	6.0	6.0	6.9	8.9	13.9	11.0	13.9	15.9	8.0	8.0	12.9	9.0	6.0	4.0	2.0	4.9	5.0	5.9	13.9	14.0	14.9	10.0	12.9	24	15.9
15	12.0	10.0	8.0	8.9	7.0	13.9	10.0	11.9	10.0	10.0	11.9	8.0	7.0	13.9	11.0	12.9	12.0	15.9	13.0	16.9	17.9	18.0	18.0	16.0	24	18.0
16	10.0	9.0	11.9	12.9	11.0	13.9	12.0	11.0	10.0	12.9	14.9	10.0	10.0	9.0	9.9	8.0	10.9	14.9	15.9	23.9	24.0	23.0	26.9	31.9	24	31.9
17	33.9	25.1	28.9	24.0	22.0	24.9	20.0	24.9	19.0	26.9	28.9	22.0	20.0	19.0	19.9	16.0	16.9	19.9	20.9	22.9	26.9	23.0	25.9	21.0	24	33.9
18	19.0	14.0	17.9	14.0	18.9	13.0	19.9	21.9	21.0	18.0	22.9	AX	BA	BA	11.0	11.0	8.0	9.9	14.9	24.8	19.0	22.9	21.0	25.9	21	25.9
19	26.9	27.0	34.9	22.1	27.9	20.0	19.0	21.9	23.9	24.9	17.0	10.0	7.0	6.0	8.9	7.0	5.0	7.9	13.9	12.0	13.9	13.0	15.9	11.0	24	34.9
20	6.0	6.9	7.0	9.9	9.0	8.0	13.9	10.0	10.9	11.0	6.0	9.9	6.0	5.0	4.0	6.9	4.0	4.0	4.0	4.0	4.0	2.0	3.9	6.9	24	13.9
21	7.0	5.0	4.0	4.9	5.9	8.9	11.9	12.0	11.0	8.0	8.0	6.0	6.9	5.0	5.9	7.9	8.0	6.0	6.9	9.9	10.0	7.0	10.9	13.9	24	13.9
22	10.0	10.9	10.0	11.9	12.9	10.0	10.9	12.9	8.0	8.0	7.0	10.9	7.0	6.0	5.0	4.0	1.0	-.9	3.9	4.9	5.9	7.9	8.0	11.9	24	12.9
23	9.0	7.0	15.9	8.0	10.9	11.0	10.0	11.9	9.0	8.0	6.0	2.0	-.9	-1.0	-1.0	-4.0	5.8	6.0	1.0	-1.9	-2.0	2.9	.0	1.9	24	15.9
24	4.9	-.9	-4.9	-5.0	-3.0	-2.0	-2.9	-3.0	-2.0	.0	.9	1.9	1.0	1.0	1.0	1.0	.0	.0	-1.9	.9	3.9	4.9	2.0	4.9	24	4.9
25	5.9	6.0	3.0	4.9	4.0	4.9	3.0	3.9	4.0	4.9	5.9	4.0	4.0	4.0	2.0	2.0	2.9	3.9	4.9	5.9	7.9	8.0	10.9	8.0	24	10.9
26	5.0	7.9	7.0	4.0	5.9	6.0	5.0	2.0	.0	3.9	5.9	4.0	4.0	4.0	4.0	2.0	1.0	3.9	7.9	6.0	6.0	10.9	11.9	15.9	24	15.9
27	19.9	8.1	13.9	13.0	11.0	12.9	8.0	11.9	7.0	7.0	7.9	7.0	8.9	6.0	6.0	5.0	5.9	6.9	13.9	10.0	5.0	6.9	9.9	10.9	24	19.9
28	8.0	9.9	17.9	15.0	13.0	11.0	11.0	14.9	12.0	9.0	9.0	6.0	4.0	5.9	6.0	5.0	6.9	15.9	10.0	7.0	7.9	11.9	9.0	12.9	24	17.9
29	15.9	10.0	13.9	15.9	16.0	12.0	12.9	11.0	11.0	11.9	10.0	10.9	9.0	9.0	9.0	9.9	7.0	11.9	15.9	27.8	26.0	36.8	42.9	32.1	24	42.9
30	37.9	33.0	33.9	23.1	27.9	23.0	23.0	24.9	19.0	17.0	16.0	16.9	14.0	15.9	10.0	10.0	17.9	15.0	17.9	23.9	17.0	17.0	8.1	10.9	24	37.9
31	9.0	7.0	13.8	10.0	9.0	9.9	9.0	8.0	6.0	6.0	11.9	7.0	8.9	6.0	4.0	9.9	7.0	5.0	5.0	6.9	7.9	6.0	6.9	5.0	24	13.8
NO.:	31	31	31	31	31	31	31	31	31	31	30	29	29	30	31	31	31	31	31	31	31	31	31	31		
MAX:	37.9	33.0	34.9	24.0	27.9	24.9	23.0	24.9	23.9	26.9	28.9	22.0	20.0	19.0	19.9	16.0	17.9	19.9	20.9	27.8	26.9	36.8	42.9	32.1		
AVG:	13.28	10.79	12.25	10.83	11.15	10.51	10.67	10.92	9.91	10.10	10.35	7.98	6.95	6.57	6.02	5.62	6.12	7.68	9.26	11.42	11.44	12.30	12.31	12.59		

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 9.89 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-183-0021 POC: 3
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER:
LATITUDE: 35.8652
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 5.38

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
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2017

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

DAY	HOUR 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	BA	BC	BA	BA	1.1 2	1.3 2	1.6 2	1.9 2	5.1 2	1.1 2	4.0 2	1.7 2	8	5.1
5	.5 2	2.1 2	1.6 2	2.0 2	1.3 2	2.0 2	3.6 2	3.4 2	.0 2	3.2 2	4.6 2	4.3 2	2.8 2	2.0 2	-.1 2	1.5 2	3.9 2	3.0 2	2.4 2	3.8 2	3.8 2	3.6 2	5.1 2	4.4 2	24	5.1
6	6.0 2	6.4 2	4.5 2	4.8 2	6.6 2	3.4 2	3.5 2	4.8 2	6.4 2	6.4 2	2.6 2	3.9 2	2.2 2	2.8 2	2.9 2	5.2 2	5.3 2	6.5 2	7.3 2	8.3 2	8.1 2	6.4 2	6.7 2	6.6 2	24	8.3
7	5.8 2	7.7 2	6.8 2	4.2 2	6.9 2	5.1 2	6.2 2	5.0 2	2.2 2	6.7 2	4.4 2	.8 2	3.6 2	3.2 2	5.0 2	5.6 2	7.6 2	7.3 2	6.6 2	4.2 2	8.7 2	9.8 2	8.0 2	5.9 2	24	9.8
8	6.0 2	7.0 2	5.9 2	3.9 2	6.0 2	6.2 2	5.4 2	9.0 2	6.3 2	7.7 2	5.3 2	7.6 2	6.5 2	7.6 2	2.3 2	6.7 2	9.2 2	9.2 2	7.7 2	8.3 2	11.4 2	12.9 2	13.0 2	9.9 2	24	13.0
9	9.9 2	11.4 2	10.5 2	11.8 2	10.5 2	7.9 2	6.2 2	11.2 2	9.4 2	7.9 2	10.7 2	11.2 2	9.5 2	5.2 2	8.0 2	11.2 2	11.2 2	15.4 2	11.5 2	8.1 2	8.6 2	10.2 2	10.6 2	13.1 2	24	15.4
10	14.9 2	15.5 2	17.0 2	16.0 2	14.0 2	10.7 2	10.5 2	10.1 2	9.7 2	12.3 2	12.1 2	13.4 2	10.5 2	9.6 2	11.8 2	13.4 2	9.3 2	7.3 2	6.2 2	4.9 2	6.3 2	10.6 2	12.2 2	9.6 2	24	17.0
11	4.8 2	5.9 2	7.4 2	8.0 2	8.7 2	12.9 2	10.1 2	13.7 2	14.9 2	13.8 2	15.3 2	16.4 2	12.6 2	13.6 2	13.9 2	13.9 2	9.5 2	10.6 2	9.0 2	6.1 2	2.9 2	6.2 2	9.3 2	9.0 2	24	16.4
12	8.5 2	5.2 2	2.1 2	4.9 2	4.6 2	6.1 2	6.2 2	5.2 2	7.2 2	6.1 2	9.5 2	9.0 2	9.5 2	7.3 2	7.2 2	6.2 2	8.3 2	6.7 2	9.2 2	6.3 2	7.3 2	6.5 2	7.2 2	5.6 2	24	9.5
13	8.8 2	10.0 2	10.0 2	8.2 2	13.1 2	11.1 2	10.8 2	16.3 2	18.4 2	18.3 2	14.9 2	17.4 2	11.5 2	18.2 2	10.7 2	4.4 2	6.2 2	4.9 2	7.5 2	10.3 2	9.6 2	7.9 2	5.1 2	6.2 2	24	18.4
14	5.1 2	3.2 2	6.3 2	8.0 2	6.1 2	2.4 2	3.3 2	5.5 2	2.3 2	5.7 2	4.6 2	8.7 2	6.9 2	9.4 2	10.3 2	8.6 2	8.7 2	10.1 2	13.8 2	9.8 2	10.0 2	9.5 2	11.7 2	14.2 2	24	14.2
15	12.3 2	11.7 2	11.7 2	11.0 2	13.9 2	14.7 2	9.4 2	12.4 2	12.3 2	15.6 2	9.5 2	1.0 2	8.2 2	8.7 2	3.0 2	9.0 2	2.9 2	2.7 2	3.8 2	7.3 2	5.2 2	7.0 2	9.2 2	3.5 2	24	15.6
16	9.7 2	3.7 2	3.3 2	7.0 2	8.2 2	2.2 2	4.3 2	5.2 2	6.8 2	2.4 2	3.6 2	2.6 2	5.0 2	7.8 2	8.2 2	6.0 2	5.5 2	11.6 2	11.1 2	11.3 2	14.3 2	15.3 2	14.9 2	12.7 2	24	15.3
17	11.9 2	9.9 2	17.1 2	14.4 2	21.1 2	26.5 2	26.0 2	26.6 2	20.0 2	18.8 2	12.8 2	13.6 2	15.3 2	16.8 2	9.0 2	11.5 2	14.7 2	12.0 2	14.7 2	12.1 2	8.7 2	10.6 2	10.7 2	11.2 2	24	26.6
18	8.4 2	6.1 2	10.1 2	15.1 2	9.9 2	12.3 2	16.7 2	15.4 2	16.2 2	15.0 2	10.1 2	8.5 2	4.9 2	4.6 2	2.1 2	5.9 2	6.6 2	1.7 2	1.7 2	4.8 2	5.2 2	5.8 2	2.2 2	5.4 2	24	16.7
19	3.1 2	4.1 2	2.8 2	1.0 2	3.8 2	1.4 2	4.3 2	3.4 2	3.9 2	8.0 2	8.8 2	AK	AX	BA	BA	6.0	5.0	8.0	4.0	9.0	4.0	7.0	3.0	7.0	20	9.0
20	12.0	9.0	5.0	13.0	12.0	7.0	7.0	7.0	11.0	18.0	14.0	12.0	11.0	20.0	23.0	13.0	15.0	17.0	14.0	11.0	11.0	8.0	11.0	10.0	24	23.0
21	7.0	12.0	18.0	11.0	8.0	8.0	6.0	6.0	9.0	6.0	2.0	4.0	9.0	13.0	9.0	12.0	12.0	13.0	8.0	3.0	3.0	4.0	5.0	7.0	24	18.0
22	7.0	8.0	4.0	7.0	.0	1.0	.0	3.0	3.0	5.0	3.0	2.0	5.0	6.0	6.0	2.0	4.0	4.0	5.0	6.0	6.0	6.0	7.0	6.0	24	8.0
23	-1.0	.0	3.0	.0	4.0	.0	4.0	4.0	4.0	.0	4.0	-1.0	4.0	12.0	6.0	6.0	5.0	7.0	6.0	-3.0	-3.0	-2.0	1.0	.0	24	12.0
24	.0	-1.0	-1.0	.0	1.0	2.0	1.0	3.0	.0	2.0	-2.0	5.0	5.0	4.0	5.0	7.0	8.0	5.0	-2.0	2.0	3.0	2.0	3.0	2.0	24	8.0
25	2.0	-1.0	1.0	2.0	3.0	1.0	2.0	2.0	6.0	7.0	10.0	BA	BA	BA	11.0	8.0	7.0	11.0	8.0	20.0	21.0	25.0	28.0	23.0	21	28.0
26	14.0	10.0	9.0	7.0	6.0	5.0	7.0	8.0	7.0	8.0	9.0	10.0	12.0	4.0	7.0	4.0	1.0	6.0	1.0	4.0	.0	3.0	3.0	3.0	24	14.0
27	3.0	1.0	3.0	4.0	2.0	3.0	4.0	5.0	6.0	7.0	4.0	10.0	5.0	11.0	4.0	7.0	8.0	7.0	4.0	7.0	4.0	5.0	6.0	1.0	24	11.0
28	5.0	.0	7.0	1.0	2.0	2.0	6.0	6.0	5.0	7.0	4.0	5.0	4.0	6.0	4.0	6.0	2.0	5.0	.0	2.0	1.0	6.0	8.0	8.0	24	8.0
29	7.0	5.0	4.0	6.0	5.0	6.0	3.0	7.0	8.0	7.0	10.0	7.0	5.0	8.0	12.0	4.0	2.0	7.0	2.0	4.0	5.0	4.0	1.0	3.0	24	12.0
30	6.0	1.0	3.0	1.0	-2.0	1.0	.0	1.0	.0	.0	4.0	1.0	-1.0	1.0	4.0	3.0	6.0	5.0	5.0	5.0	6.0	7.0	7.0	5.0	24	7.0
31	7.0	8.0	11.0	8.0	5.0	8.0	10.0	9.0	9.0	8.0	9.0	8.0	15.0	13.0	16.0	10.0	11.0	8.0	10.0	8.0	9.0	10.0	11.0	10.0	24	16.0
NO.:	27	27	27	27	27	27	27	27	27	27	27	25	25	25	26	27	28	28	28	28	28	28	28	28		
MAX:	14.9	15.5	18.0	16.0	21.1	26.5	26.0	26.6	20.0	18.8	15.3	17.4	15.3	20.0	23.0	13.9	15.0	17.0	14.7	20.0	21.0	25.0	28.0	23.0		
AVG:	6.84	6.00	6.82	6.68	6.69	6.26	6.54	7.71	7.56	8.26	7.40	7.26	7.32	8.59	7.74	7.30	7.00	7.62	6.40	6.63	6.61	7.44	8.00	7.29		

MONTHLY OBSERVATIONS: 649 MONTHLY MEAN: 7.16 MONTHLY MAX: 28.0

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-183-0021 POC: 3
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER:
LATITUDE: 35.8652
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 5.38

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
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2017

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

DAY	HOUR 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	10.0	13.0	11.0	15.0	13.0	16.0	19.0	22.0	19.0	23.0	26.0	21.0	22.0	20.0	19.0	19.0	20.0	14.0	26.0	27.0	16.0	9.0	9.0	24	27.0
2	9.0	7.0	8.0	7.0	6.0	7.0	6.0	7.0	3.0	8.0	11.0	9.0	10.0	8.0	5.0	6.0	7.0	11.0	11.0	4.0	12.0	7.0	13.0	14.0	24	14.0
3	11.0	6.0	5.0	7.0	6.0	6.0	3.0	2.0	3.0	6.0	5.0	5.0	7.0	4.0	5.0	6.0	7.0	7.0	6.0	6.0	5.0	5.0	6.0	3.0	24	11.0
4	2.0	3.0	4.0	2.0	2.0	1.0	2.0	1.0	5.0	5.0	2.0	8.0	7.0	3.0	5.0	9.0	9.0	4.0	5.0	4.0	6.0	7.0	9.0	18.0	24	18.0
5	12.0	14.0	15.0	12.0	17.0	9.0	12.0	20.0	20.0	19.0	12.0	13.0	10.0	4.0	8.0	7.0	9.0	6.0	9.0	13.0	11.0	10.0	7.0	7.0	24	20.0
6	12.0	13.0	10.0	11.0	10.0	12.0	12.0	15.0	13.0	11.0	22.0	AX	BA	BA	11.0	9.0	9.0	8.0	8.0	3.0	8.0	15.0	16.0	18.0	21	22.0
7	20.0	16.0	18.0	20.0	16.0	16.0	20.0	20.0	16.0	21.0	17.0	19.0	15.0	19.0	21.0	15.0	16.0	21.0	16.0	14.0	13.0	31.0	18.0	15.0	24	31.0
8	14.0	28.0	16.0	16.0	16.0	9.0	9.0	16.0	7.0	15.0	11.0	13.0	16.0	9.0	10.0	11.0	10.0	8.0	9.0	9.0	7.0	10.0	14.0	6.0	24	28.0
9	13.0	10.0	8.0	11.0	10.0	7.0	5.0	.0	1.0	.0	1.0	4.0	1.0	.0	.0	2.0	4.0	6.0	4.0	-1.0	2.0	2.0	4.0	4.0	24	13.0
10	1.0	3.0	2.0	4.0	3.0	5.0	3.0	6.0	6.0	5.0	6.0	3.0	8.0	4.0	8.0	5.0	5.0	4.0	15.0	20.0	14.0	22.0	35.0	36.0	24	36.0
11	10.0	12.0	14.0	10.0	10.0	7.0	11.0	15.0	17.0	12.0	14.0	15.0	14.0	15.0	14.0	13.0	12.0	13.0	13.0	11.0	13.0	20.0	16.0	16.0	24	20.0
12	12.0	9.0	10.0	17.0	15.0	15.0	16.0	14.0	23.0	20.0	16.0	17.0	16.0	14.0	17.0	13.0	11.0	12.0	10.0	15.0	6.0	9.0	13.0	7.0	24	23.0
13	4.0	.0	1.0	.0	4.0	4.0	1.0	.0	2.0	-4.0	1.0	6.0	4.0	1.0	2.0	3.0	5.0	3.0	3.0	1.0	5.0	2.0	4.0	2.0	24	6.0
14	2.0	4.0	6.0	4.0	4.0	5.0	.0	3.0	3.0	3.0	9.0	7.0	10.0	6.0	10.0	14.0	16.0	17.0	22.0	25.0	25.0	26.0	22.0	22.0	24	26.0
15	25.0	19.0	20.0	25.0	25.0	22.0	26.0	14.0	12.0	11.0	4.0	3.0	4.0	4.0	3.0	.0	10.0	2.0	7.0	2.0	1.0	-1.0	1.0	4.0	24	26.0
16	1.0	1.0	1.0	1.0	.0	4.0	2.0	5.0	.0	3.0	4.0	6.0	5.0	2.0	2.0	6.0	5.0	4.0	5.0	3.0	2.0	6.0	8.0	10.0	24	10.0
17	4.0	8.0	2.0	3.0	3.0	3.0	7.0	5.0	5.0	4.0	2.0	8.0	5.0	9.0	6.0	7.0	5.0	4.0	14.0	15.0	8.0	12.0	10.0	10.0	24	15.0
18	8.0	13.0	12.0	10.0	16.0	15.0	16.0	15.0	16.0	14.0	13.0	16.0	16.0	9.0	8.0	9.0	12.0	11.0	14.0	10.0	14.0	18.0	13.0	7.0	24	18.0
19	7.0	10.0	7.0	8.0	9.0	9.0	11.0	10.0	9.0	7.0	8.0	9.0	8.0	6.0	9.0	4.0	7.0	3.0	6.0	2.0	6.0	6.0	9.0	7.0	24	11.0
20	11.0IM	15.0IM	12.0IM	11.0IM	10.0IM	17.0IM	12.0IM	14.0IM	17.0IM	9.0IM	11.0IM	20.0IM	14.0IM	13.0IM	12.0IM	10.0IM	9.0IM	28.0IM	66.0IM	70.0IM	61.0IM	37.0IM	43.0IM	33.0IM	24	70.0
21	32.0	30.0	19.0	14.0	12.0	9.0	9.0	5.0	5.0	6.0	10.0	9.0	AZ	BA	BA	13.0	14.0	17.0	11.0	10.0	8.0	9.0	11.0	10.0	21	32.0
22	9.0	13.0	13.0	10.0	10.0	9.0	12.0	10.0	10.0	10.0	6.0	8.0	8.0	10.0	5.0	13.0	6.0	6.0	4.0	5.0	11.0	9.0	7.0	13.0	24	13.0
23	13.0	12.0	14.0	10.0	15.0	10.0	12.0	7.0	8.0	11.0	8.0	14.0	10.0	9.0	7.0	.0	4.0	2.0	9.0	3.0	5.0	6.0	3.0	11.0	24	15.0
24	10.0	9.0	10.0	8.0	9.0	9.0	9.0	6.0	8.0	13.0	9.0	15.0	8.0	9.0	5.0	7.0	5.0	8.0	5.0	-3.0	4.0	5.0	9.0	8.0	24	15.0
25	6.0	1.0	5.0	4.0	7.0	5.0	8.0	4.0	8.0	5.0	11.0	11.0	11.0	14.0	6.0	4.0	13.0	12.0	9.0	3.0	.0	-1.0	2.0	1.0	24	14.0
26	3.0	1.0	-1.0	5.0	2.0	1.0	3.0	3.0	.0	.0	-1.0	7.0	5.0	9.0	6.0	5.0	5.0	7.0	6.0	5.0	3.0	4.0	4.0	3.0	24	9.0
27	7.0	7.0	8.0	4.0	9.0	8.0	7.0	8.0	6.0	8.0	7.0	11.0	8.0	8.0	10.0	11.0	8.0	4.0	7.0	8.0	4.0	5.0	9.0	8.0	24	11.0
28	8.0	4.0	3.0	4.0	7.0	3.0	5.0	2.0	4.0	9.0	6.0	11.0	9.0	8.0	10.0	7.0	13.0	5.0	19.0	15.0	11.0	14.0	13.0	18.0	24	19.0
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	28	28	27	26	26	27	28	28	28	28	28	28	28	28	28		
MAX:	32.0	30.0	20.0	25.0	25.0	22.0	26.0	20.0	23.0	21.0	23.0	26.0	21.0	22.0	21.0	19.0	19.0	28.0	66.0	70.0	61.0	37.0	43.0	36.0		
AVG:	9.93	9.93	9.11	8.89	9.57	8.57	9.11	8.79	8.89	8.93	8.86	10.85	9.62	8.42	8.33	8.14	9.11	9.04	11.68	10.64	10.43	11.11	11.71	11.43		

MONTHLY OBSERVATIONS: 666 MONTHLY MEAN: 9.63 MONTHLY MAX: 70.0

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: 37-183-0021 POC: 3
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER:
LATITUDE: 35.8652
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 5.38

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
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	18.0	17.0	21.0	22.0	18.0	20.0	16.0	13.0	13.0	11.0	16.0	17.0	14.0	14.0	16.0	9.0	11.0	12.0	10.0	11.0	7.0	-1.0	2.0	3.0	24	22.0
2	4.0	1.0	4.0	4.0	6.0	3.0	2.0	3.0	4.0	1.0	6.0	3.0	4.0	3.0	5.0	6.0	4.0	3.0	4.0	.0	5.0	3.0	5.0	6.0	24	6.0
3	7.0	4.0	4.0	3.0	3.0	5.0	4.0	4.0	5.0	7.0	10.0	8.0	10.0	6.0	7.0	1.0	2.0	.0	5.0	-1.0	-1.0	3.0	5.0	3.0	24	10.0
4	4.0	5.0	4.0	6.0	2.0	6.0	1.0	6.0	1.0	1.0	6.0	8.0	6.0	3.0	6.0	7.0	7.0	12.0	8.0	2.0	2.0	7.0	4.0	17.0	24	17.0
5	16.0	12.0	11.0	10.0	3.0	7.0	3.0	5.0	2.0	3.0	5.0	6.0	8.0	4.0	6.0	7.0	11.0	10.0	10.0	4.0	7.0	8.0	7.0	3.0	24	16.0
6	4.0	7.0	7.0	9.0	9.0	9.0	9.0	7.0	11.0	10.0	18.0	17.0	11.0	11.0	15.0	11.0	8.0	16.0	16.0	11.0	9.0	10.0	18.0	20.0	24	20.0
7	21.0	14.0	13.0	8.0	10.0	8.0	7.0	12.0	13.0	10.0	9.0	AX	BA	BA	8.0	10.0	13.0	12.0	10.0	10.0	6.0	7.0	5.0	11.0	21	21.0
8	8.0	5.0	6.0	8.0	8.0	6.0	7.0	17.0	-5.0	-1.0	-1.0	3.0	3.0	6.0	5.0	3.0	5.0	4.0	3.0	5.0	3.0	3.0	7.0	9.0	24	17.0
9	6.0	8.0	4.0	8.0	8.0	4.0	7.0	9.0	4.0	7.0	10.0	8.0	7.0	7.0	8.0	10.0	5.0	5.0	8.0	5.0	5.0	7.0	8.0	7.0	24	10.0
10	10.0	12.0	15.0	15.0	16.0	15.0	18.0	21.0	21.0	18.0	13.0	10.0	12.0	5.0	9.0	4.0	1.0	1.0	.0	1.0	-3.0	4.0	5.0	5.0	24	21.0
11	2.0	5.0	3.0	7.0	4.0	5.0	3.0	5.0	.0	1.0	4.0	3.0	7.0	1.0	4.0	3.0	6.0	4.0	6.0	5.0	2.0	1.0	6.0	4.0	24	7.0
12	7.0	4.0	8.0	5.0	8.0	5.0	3.0	7.0	5.0	3.0	4.0	1.0	1.0	3.0	10.0	1.0	7.0	1.0	5.0	5.0	4.0	5.0	8.0	6.0	24	10.0
13	9.0	10.0	6.0	6.0	6.0	7.0	10.0	8.0	6.0	1.0	7.0	10.0	10.0	14.0	21.0	11.0	11.0	10.0	13.0	10.0	9.0	8.0	5.0	4.0	24	21.0
14	3.0	4.0	-1.0	.0	.0	-3.0	.0	1.0	4.0	2.0	1.0	7.0	6.0	7.0	8.0	3.0	2.0	2.0	4.0	2.0	4.0	4.0	2.0	3.0	24	8.0
15	2.0	4.0	5.0	3.0	4.0	4.0	2.0	4.0	7.0	.0	6.0	.0	-1.0	-1.0	6.0	5.0	6.0	7.0	7.0	2.0	3.0	5.0	3.0	3.0	24	7.0
16	3.0	3.0	1.0	2.0	5.0	6.0	9.0	3.0	7.0	4.0	9.0	9.0	5.0	8.0	12.0	11.0	6.0	8.0	7.0	9.0	7.0	13.0	12.0	10.0	24	13.0
17	9.0	8.0	15.0	11.0	6.0	9.0	6.0	9.0	10.0	16.0	13.0	11.0	13.0	12.0	11.0	11.0	11.0	10.0	17.0	28.0	23.0	22.0	26.0	14.0	24	28.0
18	10.0	17.0	11.0	13.0	16.0	24.0	24.0	25.0	25.0	27.0	24.0	29.0	28.0	30.0	27.0	29.0	23.0	22.0	24.0	9.0	6.0	10.0	11.0	6.0	24	30.0
19	5.0	4.0	5.0	4.0	1.0	4.0	1.0	.0	1.0	-2.0	5.0	7.0	.0	.0	2.0	2.0	4.0	.0	4.0	4.0	2.0	5.0	10.0	10.0	24	10.0
20	12.0	10.0	9.0	6.0	9.0	6.0	8.0	9.0	6.0	3.0	18.0	12.0	13.0	12.0	9.0	11.0	8.0	7.0	10.0	7.0	8.0	7.0	9.0	9.0	24	18.0
21	14.0	22.0	19.0	21.0	19.0	20.0	18.0	20.0	23.0	19.0	23.0	23.0	21.0	20.0	18.0	12.0	13.0	14.0	14.0	9.0	9.0	11.0	11.0	12.0	24	23.0
22	9.0	10.0	13.0	6.0	4.0	4.0	4.0	7.0	5.0	AX	BA	BA	3.0	11.0	2.0	3.0	1.0	3.0	-3.0	4.0	.0	2.0	5.0	4.0	21	13.0
23	2.0	2.0	2.0	4.0	4.0	2.0	5.0	5.0	2.0	-2.0	11.0	5.0	6.0	4.0	10.0	9.0	12.0	8.0	9.0	6.0	-1.0	5.0	3.0	4.0	24	12.0
24	6.0	4.0	6.0	6.0	7.0	10.0	13.0	21.0	18.0	8.0	15.0	11.0	11.0	11.0	18.0	8.0	11.0	21.0	18.0	14.0	9.0	12.0	12.0	13.0	24	21.0
25	9.0	5.0	7.0	4.0	5.0	4.0	6.0	11.0	8.0	9.0	6.0	3.0	7.0	8.0	5.0	13.0	9.0	10.0	10.0	15.0	15.0	20.0	18.0	10.0	24	20.0
26	5.0	4.0	7.0	4.0	.0	4.0	3.0	4.0	6.0	6.0	12.0	10.0	2.0	10.0	2.0	10.0	5.0	4.0	6.0	4.0	6.0	-1.0	7.0	-1.0	24	12.0
27	2.0	5.0	.0	-1.0	4.0	2.0	6.0	9.0	17.0	11.0	5.0	10.0	12.0	7.0	12.0	13.0	14.0	10.0	7.0	10.0	12.0	10.0	6.0	4.0	24	17.0
28	6.0	2.0	5.0	4.0	4.0	2.0	6.0	7.0	11.0	9.0	13.0	11.0	9.0	11.0	16.0	-3.0	10.0	10.0	4.0	5.0	7.0	8.0	5.0	7.0	24	16.0
29	4.0	8.0	6.0	7.0	6.0	8.0	5.0	6.0	5.0	3.0	9.0	7.0	7.0	8.0	9.0	4.0	10.0	8.0	6.0	7.0	5.0	8.0	9.0	10.0	24	10.0
30	8.0	9.0	9.0	11.0	6.0	8.0	10.0	4.0	9.0	8.0	9.0	9.0	5.0	7.0	8.0	7.0	13.0	8.0	9.0	9.0	9.0	8.0	4.0	6.0	24	13.0
31	4.0	4.0	2.0	3.0	8.0	6.0	4.0	9.0	6.0	4.0	4.0	15.0	6.0	8.0	9.0	9.0	6.0	11.0	-5.0	4.0	.0	4.0	.0	1.0	24	15.0
NO.:	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:	21.0	22.0	21.0	22.0	19.0	24.0	24.0	25.0	25.0	27.0	24.0	29.0	28.0	30.0	27.0	29.0	23.0	22.0	24.0	28.0	23.0	22.0	26.0	20.0		
AVG:	7.39	7.39	7.32	7.06	6.74	7.10	7.10	8.74	8.06	6.57	9.67	9.41	8.20	8.33	9.81	7.74	8.23	8.16	7.94	6.97	5.77	7.03	7.68	7.19		

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 7.73 MONTHLY MAX: 30.0

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: 37-183-0021 POC: 3
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER:
LATITUDE: 35.8652
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 5.38

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
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

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

DAY	HOUR 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	3.0	3.0	3.0	1.0	1.0	1.0	8.0	2.0	4.0	-1.0	8.0	5.0	2.0	1.0	2.0	1.0	5.0	3.0	-1.0	1.0	2.0	4.0	2.0	1.0	24	8.0
2	.0	.0	2.0	-1.0	1.0	1.0	3.0	1.0	4.0	1.0	6.0	9.0	3.0	10.0	7.0	6.0	4.0	6.0	6.0	7.0	.0	6.0	8.0	5.0	24	10.0
3	5.0	8.0	4.0	4.0	10.0	4.0	3.0	4.0	5.0	9.0	19.0	11.0	11.0	8.0	7.0	10.0	10.0	7.0	-1.0	.0	4.0	6.0	3.0	2.0	24	19.0
4	2.0	4.0	3.0	5.0	3.0	4.0	7.0	9.0	11.0	7.0	14.0	12.0	6.0	9.0	9.0	8.0	8.0	7.0	5.0	5.0	1.0	7.0	8.0	8.0	24	14.0
5	7.0	8.0	7.0	12.0	8.0	12.0	14.0	12.0	13.0	14.0	AX	BA	BA	12.0	11.0	14.0	21.0	22.0	12.0	8.0	7.0	7.0	10.0	7.0	21	22.0
6	9.0	9.0	9.0	8.0	8.0	7.0	7.0	3.0	7.0	3.0	13.0	-7.0MD	9.0	-6.0MD	5.0	-7.0MD	-4.0	3.0	-2.0	.0	-1.0	3.0	1.0	-3.0	24	13.0
7	1.0	.0	-1.0	1.0	2.0	4.0	5.0	4.0	2.0	1.0	2.0	-1.0	.0	2.0	5.0	3.0	4.0	2.0	2.0	6.0	.0	2.0	2.0	7.0	24	7.0
8	5.0	3.0	3.0	3.0	3.0	5.0	3.0	8.0	3.0	1.0	2.0	6.0	1.0	5.0	4.0	3.0	6.0	.0	5.0	7.0	-1.0	3.0	5.0	9.0	24	9.0
9	8.0	10.0	7.0	10.0	10.0	10.0	10.0	10.0	7.0	6.0	14.0	10.0	10.0	8.0	9.0	6.0	6.0	8.0	8.0	9.0	7.0	6.0	7.0	6.0	24	14.0
10	10.0	7.0	6.0	10.0	10.0	8.0	8.0	12.0	10.0	5.0	7.0	8.0	20.0	31.0	35.0	8.0	10.0	15.0	11.0	9.0	4.0	10.0	15.0	7.0	24	35.0
11	8.0	3.0	4.0	7.0	3.0	3.0	7.0	8.0	6.0	5.0	7.0	6.0	13.0	17.0	9.0	11.0	14.0	12.0	9.0	36.0	46.0	36.0	15.0	13.0	24	46.0
12	9.0	8.0	5.0	6.0	7.0	7.0	8.0	10.0	11.0	8.0	14.0	13.0	15.0	10.0	17.0	10.0	12.0	10.0	9.0	7.0	4.0	5.0	6.0	10.0	24	17.0
13	10.0	14.0	12.0	12.0	12.0	13.0	10.0	11.0	10.0	12.0	12.0	8.0	11.0	13.0	8.0	13.0	9.0	10.0	13.0	10.0	4.0	7.0	12.0	7.0	24	14.0
14	6.0	3.0	6.0	9.0	6.0	4.0	8.0	8.0	5.0	7.0	7.0	8.0	13.0	15.0	13.0	10.0	16.0	13.0	10.0	12.0	7.0	7.0	11.0	16.0	24	16.0
15	16.0	16.0	13.0	8.0	11.0	9.0	9.0	6.0	9.0	7.0	13.0	10.0	12.0	12.0	10.0	12.0	13.0	8.0	8.0	6.0	9.0	9.0	9.0	12.0	24	16.0
16	12.0	12.0	12.0	11.0	13.0	11.0	13.0	12.0	13.0	14.0	10.0	11.0	14.0	28.0	46.0	29.0	21.0	25.0	10.0	9.0	10.0	9.0	8.0	13.0	24	46.0
17	10.0	7.0	12.0	9.0	12.0	13.0	10.0	11.0	10.0	10.0	14.0	14.0	14.0	16.0	14.0	13.0	15.0	19.0	-5.0	5.0	7.0	7.0	5.0	4.0	24	19.0
18	4.0	8.0	12.0	11.0	7.0	6.0	5.0	11.0	5.0	11.0	6.0	9.0	10.0	13.0	10.0	7.0	7.0	8.0	5.0	2.0	2.0	1.0	4.0	4.0	24	13.0
19	4.0	8.0	1.0	4.0	6.0	4.0	3.0	5.0	4.0	6.0	6.0	10.0	7.0	9.0	9.0	8.0	17.0	10.0	16.0	17.0	8.0	6.0	13.0	8.0	24	17.0
20	10.0	6.0	10.0	10.0	8.0	12.0	11.0	13.0	17.0	11.0	AX	BA	BA	15.0	15.0	15.0	14.0	14.0	10.0	11.0	12.0	13.0	16.0	17.0	21	17.0
21	15.0	17.0	15.0	16.0	15.0	18.0	16.0	19.0	14.0	16.0	19.0	16.0	18.0	20.0	8.0	12.0	15.0	5.0	19.0	4.0	7.0	10.0	6.0	12.0	24	20.0
22	8.0	15.0	9.0	9.0	10.0	10.0	18.0	12.0	12.0	8.0	10.0	15.0	13.0	12.0	10.0	15.0	.0	13.0	3.0	4.0	4.0	-2.0	.0	.0	24	18.0
23	1.0	1.0	2.0	.0	1.0	2.0	1.0	.0	1.0	1.0	.0	3.0	4.0	1.0	4.0	2.0	3.0	3.0	7.0	-1.0	3.0	6.0	.0	7.0	24	7.0
24	3.0	3.0	.0	1.0	5.0	5.0	4.0	.0	1.0	2.0	2.0	AO	AO	AO	AO	AO	AN	AN	AN	AN	AN	AN	AN	AN	11	5.0
25	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	BA	BA	BA	4.0	-1.0	1.0	2.0	8.0	7.0	6	8.0
26	2.0	-2.0	5.0	-5.0	5.0	-1.0	.0	8.0	1.0	12.0	7.0	8.0	.0	8.0	7.0	5.0	11.0	7.0	8.0	8.0	.0	8.0	8.0	9.0	24	12.0
27	18.0	13.0	18.0	12.0	12.0	11.0	12.0	10.0	9.0	17.0	19.0	24.0	23.0	31.0	21.0	13.0	15.0	12.0	19.0	21.0	18.0	18.0	12.0	11.0	24	31.0
28	12.0	12.0	10.0	12.0	13.0	17.0	16.0	18.0	16.0	19.0	21.0	22.0	20.0	24.0	22.0	25.0	29.0	25.0	20.0	20.0	19.0	22.0	26.0	21.0	24	29.0
29	24.0	23.0	23.0	17.0	18.0	20.0	20.0	21.0	20.0	18.0	21.0	19.0	18.0	20.0	17.0	17.0	24.0	22.0	15.0	12.0	13.0	9.0	11.0	13.0	24	24.0
30	10.0	10.0	9.0	13.0	9.0	12.0	9.0	7.0	9.0	8.0	10.0	8.0	12.0	10.0	7.0	13.0	9.0	19.0	-8.0MD	3.0	5.0	5.0	1.0	7.0	24	19.0
31																									0	
NO.:	29	29	29	29	29	29	29	29	29	29	27	26	26	28	28	28	28	28	29	29	29	29	29	29		
MAX:	24.0	23.0	23.0	17.0	18.0	20.0	20.0	21.0	20.0	19.0	21.0	24.0	23.0	31.0	46.0	29.0	29.0	25.0	20.0	36.0	46.0	36.0	26.0	21.0		
AVG:	8.00	7.90	7.62	7.41	7.90	8.00	8.55	8.79	8.24	8.21	10.48	9.88	10.73	12.64	12.18	10.07	11.21	11.00	7.48	8.17	6.97	8.00	8.00	8.28		

MONTHLY OBSERVATIONS: 683 MONTHLY MEAN: 8.95 MONTHLY MAX: 46.0

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: 37-183-0021 POC: 3
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER:
LATITUDE: 35.8652
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 5.38

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
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

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

DAY	HOUR 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	5.0	5.0	9.0	7.0	8.0	6.0	12.0	9.0	15.0	9.0	11.0	9.0	13.0	11.0	9.0	7.0	9.0	5.0	7.0	6.0	14.0	8.0	8.0	24	15.0
2	3.0	6.0	6.0	7.0	4.0	9.0	9.0	8.0	2.0	12.0	AX	BA	BA	5.0	4.0	3.0	5.0	4.0	7.0	2.0	.0	4.0	4.0	8.0	21	12.0
3	7.0	9.0	6.0	7.0	7.0	7.0	6.0	8.0	-6.0	10.0	8.0	4.0	7.0	3.0	7.0	7.0	4.0	2.0	6.0	6.0	1.0	5.0	4.0	3.0	24	10.0
4	5.0	5.0	4.0	6.0	4.0	2.0	5.0	3.0	2.0	8.0	11.0	10.0	9.0	11.0	5.0	12.0	7.0	6.0	5.0	4.0	6.0	4.0	7.0	8.0	24	12.0
5	6.0	.0	5.0	8.0	8.0	AO	AO	3.0	4.0	6.0	9.0	9.0	8.0	9.0	6.0	4.0	4.0	6.0	1.0	5.0	.0	1.0	2.0	1.0	22	9.0
6	.0	1.0	2.0	1.0	2.0	.0	5.0	2.0	-1.0	3.0	.0	2.0	.0	2.0	4.0	6.0	4.0	10.0	1.0	3.0	3.0	4.0	9.0	9.0	24	10.0
7	2.0	.0	4.0	2.0	3.0	5.0	6.0	3.0	5.0	4.0	8.0	8.0	6.0	4.0	3.0	4.0	5.0	.0	4.0	6.0	1.0	.0	8.0	6.0	24	8.0
8	2.0	3.0	5.0	3.0	5.0	4.0	6.0	7.0	5.0	12.0	9.0	3.0	1.0	5.0	4.0	5.0	7.0	5.0	5.0	5.0	-1.0	-2.0	6.0	4.0	24	12.0
9	6.0	1.0	5.0	2.0	3.0	4.0	6.0	6.0	6.0	11.0	7.0	7.0	8.0	8.0	6.0	5.0	10.0	6.0	1.0	2.0	4.0	9.0	5.0	8.0	24	11.0
10	8.0	12.0	11.0	7.0	10.0	7.0	12.0	13.0	12.0	11.0	13.0	20.0	18.0	17.0	16.0	20.0	18.0	20.0	19.0	16.0	13.0	17.0	18.0	17.0	24	20.0
11	17.0	20.0	23.0	23.0	27.0	18.0	21.0	20.0	21.0	21.0	26.0	20.0	24.0	26.0	18.0	17.0	13.0	18.0	13.0	9.0	13.0	13.0	-6.0	-1.0	24	27.0
12	3.0	5.0	5.0	.0	1.0	1.0	1.0	-1.0	2.0	2.0	5.0	4.0	7.0	7.0	4.0	4.0	3.0	3.0	1.0	4.0	.0	1.0	2.0	-1.0	24	7.0
13	2.0	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	7.0	2.0	8.0	.0	.0	1.0	-3.0	2.0	2.0	-2.0	3.0	.0	3.0	14	8.0
14	3.0	6.0	5.0	6.0	3.0	7.0	4.0	3.0	8.0	5.0	12.0	8.0	10.0	9.0	6.0	9.0	8.0	8.0	7.0	7.0	3.0	4.0	5.0	7.0	24	12.0
15	10.0	8.0	10.0	7.0	7.0	10.0	11.0	13.0	17.0	13.0	15.0	12.0	12.0	14.0	11.0	13.0	15.0	14.0	11.0	7.0	9.0	9.0	9.0	13.0	24	17.0
16	14.0	14.0	13.0	12.0	13.0	14.0	11.0	11.0	11.0	AZ	BA	BA	12.0 2	19.0 2	14.0 2	17.0 2	14.0 2	11.0 2	13.0 2	10.0 2	8.0 2	10.0 2	13.0 2	12.0 2	21	19.0
17	19.0 2	15.0 2	15.0 2	13.0 2	25.0 2	21.0 2	23.0 2	18.0 2	20.0 2	15.0 2	14.0 2	17.0 2	14.0 2	13.0 2	14.0 2	19.0 2	14.0 2	14.0 2	19.0 2	10.0 2	12.0 2	10.0 2	12.0 2	14.0 2	24	25.0
18	12.0 2	12.0 2	12.0 2	5.0 2	10.0 2	10.0 2	8.0 2	10.0 2	16.0 2	13.0 2	12.0 2	13.0 2	15.0 2	11.0 2	14.0 2	13.0 2	14.0 2	11.0 2	36.0 2	17.0 2	11.0 2	11.0 2	11.0 2	14.0 2	24	36.0
19	13.0 2	11.0 2	6.0 2	6.0 2	8.0 2	11.0 2	9.0 2	12.0 2	11.0 2	13.0 2	15.0 2	10.0 2	13.0 2	14.0 2	11.0 2	11.0 2	12.0 2	15.0 2	-7.0 2	-2.0 2	5.0 2	3.0 2	6.0 2	8.0 2	24	15.0
20	9.0 2	10.0 2	11.0 2	6.0 2	13.0 2	11.0 2	10.0 2	11.0 2	11.0 2	10.0 2	14.0 2	11.0 2	8.0 2	7.0 2	8.0 2	11.0 2	3.0 2	5.0 2	2.0 2	.0 2	5.0 2	12.0 2	10.0 2	13.0 2	24	14.0
21	7.0 2	7.0 2	9.0 2	6.0 2	6.0 2	2.0 2	6.0 2	5.0 2	4.0 2	9.0 2	9.0 2	9.0 2	12.0 2	11.0 2	16.0 2	16.0 2	13.0 2	16.0 2	9.0 2	9.0 2	11.0 2	11.0 2	10.0 2	9.0 2	24	16.0
22	9.0 2	13.0 2	9.0 2	9.0 2	9.0 2	11.0 2	10.0 2	3.0 2	4.0 2	1.0 2	5.0 2	3.0 2	5.0 2	9.0 2	5.0 2	8.0 2	3.0 2	5.0 2	1.0 2	5.0 2	4.0 2	5.0 2	8.0 2	11.0 2	24	13.0
23	-2.0 2	2.0 2	1.0 2	3.0 2	6.0 2	2.0 2	7.0 2	2.0 2	6.0 2	9.0 2	7.0 2	3.0 2	5.0 2	4.0 2	9.0 2	5.0 2	4.0 2	1.0 2	2.0 2	1.0 2	.0 2	1.0 2	.0 2	1.0 2	24	9.0
24	4.0 2	4.0 2	1.0 2	4.0 2	2.0 2	-1.0 2	.0 2	3.0 2	3.0 2	5.0 2	8.0 2	8.0 2	3.0 2	5.0 2	10.0 2	10.0 2	5.0 2	12.0 2	3.0 2	6.0 2	5.0 2	7.0 2	9.0 2	5.0 2	24	12.0
25	6.0 2	5.0 2	3.0 2	5.0 2	.0 2	3.0 2	7.0 2	4.0 2	9.0 2	2.0 2	6.0 2	7.0 2	8.0 2	4.0 2	5.0 2	4.0 2	4.0 2	1.0 2	7.0 2	.0 2	.0 2	1.0 2	8.0 2	4.0 2	24	9.0
26	3.0 2	7.0 2	4.0 2	6.0 2	4.0 2	4.0 2	8.0 2	6.0 2	10.0 2	12.0 2	13.0 2	13.0 2	11.0 2	8.0 2	14.0 2	11.0 2	14.0 2	9.0 2	8.0 2	11.0 2	9.0 2	4.0 2	10.0 2	10.0 2	24	14.0
27	13.0 2	11.0 2	12.0 2	12.0 2	15.0 2	11.0 2	12.0 2	12.0 2	18.0 2	17.0 2	19.0 2	15.0 2	13.0 2	14.0 2	10.0 2	9.0 2	19.0 2	12.0 2	10.0 2	15.0 2	12.0 2	13.0 2	15.0 2	17.0 2	24	19.0
28	19.0 2	13.0 2	7.0 2	10.0 2	11.0 2	10.0 2	9.0 2	6.0 2	13.0 2	13.0 2	17.0 2	7.0 2	7.0 2	6.0 2	6.0 2	4.0 2	4.0 2	4.0 2	5.0 2	5.0 2	8.0 2	8.0 2	8.0 2	7.0 2	24	19.0
29	8.0 2	8.0 2	5.0 2	7.0 2	6.0 2	6.0 2	6.0 2	4.0 2	9.0 2	9.0 2	13.0 2	12.0 2	10.0 2	5.0 2	7.0 2	12.0 2	5.0 2	12.0 2	9.0 2	9.0 2	7.0 2	12.0 2	7.0 2	6.0 2	24	13.0
30	6.0 2	6.0 2	10.0 2	8.0 2	6.0 2	13.0 2	7.0 2	9.0 2	10.0 2	10.0 2	9.0 2	9.0 2	15.0 2	11.0 2	11.0 2	12.0 2	12.0 2	13.0 2	10.0 2	17.0 2	8.0 2	8.0 2	12.0 2	10.0 2	24	17.0
31	11.0 2	11.0 2	12.0 2	12.0 2	13.0 2	13.0 2	15.0 2	14.0 2	21.0 2	14.0 2	14.0 2	12.0 2	11.0 2	11.0 2	14.0 2	11.0 2	12.0 2	8.0 2	5.0 2	12.0 2	11.0 2	8.0 2	10.0 2	8.0 2	24	21.0
NO.:	31	30	30	30	30	29	29	30	30	29	28	29	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	19.0	20.0	23.0	23.0	27.0	21.0	23.0	20.0	21.0	21.0	26.0	20.0	24.0	26.0	18.0	20.0	19.0	20.0	36.0	17.0	13.0	17.0	18.0	17.0		
AVG:	7.45	7.67	7.53	7.07	7.93	7.69	8.48	7.67	8.73	9.83	10.96	9.45	9.43	9.45	8.81	9.39	8.48	8.29	7.10	6.77	5.55	6.77	7.42	7.81		

MONTHLY OBSERVATIONS: 726 MONTHLY MEAN: 8.14 MONTHLY MAX: 36.0

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: 37-183-0021 POC: 3
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER:
LATITUDE: 35.8652
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 5.38

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
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

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

DAY	HOUR 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	8.0 2	12.0 2	9.0 2	8.0 2	7.0 2	7.0 2	10.0 2	11.0 2	14.0 2	18.0 2	AX	BA	BA	10.0	9.0	16.0	8.0	11.0	8.0	5.0	5.0	7.0	11.0	15.0	21	18.0
2	13.0	15.0	14.0	11.0	14.0	13.0	11.0	9.0	5.0	7.0	10.0	14.0	9.0	7.0	3.0	6.0	8.0	5.0	6.0	6.0	1.0	7.0	13.0	10.0	24	15.0
3	12.0	10.0	9.0	10.0	10.0	12.0	13.0	12.0	11.0	13.0	16.0	12.0	8.0	12.0	12.0	10.0	9.0	11.0	1.0	5.0	5.0	6.0	9.0	11.0	24	16.0
4	10.0	10.0	13.0	13.0	13.0	14.0	13.0	13.0	16.0	15.0	25.0	15.0	14.0	15.0	17.0	14.0	17.0	25.0	6.0	11.0	5.0	8.0	7.0	9.0	24	25.0
5	5.0	8.0	8.0	11.0	13.0	17.0	16.0	15.0	18.0	12.0	16.0	16.0	19.0	2.0	15.0	6.0	8.0	3.0	7.0	AO	2.0	.0	.0	.0	23	19.0
6	1.0	3.0	3.0	.0	5.0	3.0	5.0	8.0	3.0	AX	AX	BA	BA	10.0	11.0	10.0	10.0	4.0	8.0	6.0	10.0	5.0	4.0	7.0	20	11.0
7	6.0	9.0	9.0	12.0	6.0	6.0	4.0	4.0	6.0	3.0	7.0	8.0	9.0	8.0	8.0	9.0	.0	9.0	6.0	6.0	6.0	5.0	6.0	2.0	24	12.0
8	1.0	1.0	1.0	1.0	2.0	1.0	1.0	-1.0	3.0	2.0	.0	6.0	5.0	2.0	2.0	3.0	3.0	3.0	6.0	2.0	.0	.0	5.0	6.0	24	6.0
9	6.0	6.0	6.0	5.0	6.0	5.0	8.0	6.0	10.0	6.0	16.0	9.0	9.0	10.0	10.0	7.0	10.0	9.0	8.0	8.0	-1.0	3.0	6.0	8.0	24	16.0
10	9.0	5.0	13.0	9.0	11.0	13.0	10.0	10.0	10.0	11.0	21.0	17.0	15.0	10.0	9.0	8.0	8.0	8.0	9.0	12.0	.0	12.0	9.0	16.0	24	21.0
11	12.0	9.0	8.0	7.0	11.0	4.0	4.0	6.0	10.0	9.0	12.0	14.0	11.0	10.0	8.0	9.0	9.0	8.0	10.0	12.0	7.0	4.0	13.0	15.0	24	15.0
12	9.0	13.0	12.0	10.0	11.0	11.0	10.0	12.0	12.0	11.0	10.0	18.0	9.0	10.0	8.0	8.0	15.0	10.0	10.0	11.0	9.0	17.0	20.0	20.0	24	20.0
13	21.0	19.0	25.0	19.0	17.0	18.0	20.0	20.0	17.0	15.0	20.0	14.0	18.0	14.0	13.0	14.0	18.0	16.0	11.0	13.0	8.0	4.0	8.0	4.0	24	25.0
14	5.0	3.0	7.0	7.0	8.0	9.0	6.0	7.0	13.0	10.0	14.0	11.0	12.0	12.0	13.0	17.0	1.0	12.0	9.0	10.0	8.0	10.0	1.0	7.0	24	17.0
15	2.0	8.0	7.0	7.0	9.0	9.0	9.0	9.0	10.0	12.0	16.0	11.0	AX	BA	BA	15.0	11.0	17.0	16.0	5.0	11.0	5.0	12.0	8.0	21	17.0
16	10.0	7.0	6.0	8.0	7.0	11.0	11.0	7.0	17.0	14.0	15.0	13.0	20.0	18.0	-2.0	15.0	10.0	9.0	20.0	-2.0	5.0	5.0	1.0	4.0	24	20.0
17	4.0	5.0	2.0	4.0	5.0	6.0	5.0	8.0	10.0	7.0	11.0	7.0	9.0	25.0	.0	2.0	5.0	11.0	5.0	9.0	4.0	6.0	6.0	6.0	24	25.0
18	4.0	5.0	7.0	8.0	8.0	5.0	7.0	7.0	11.0	12.0	12.0	12.0	11.0	12.0	9.0	9.0	13.0	AN	5.0	9.0	8.0	9.0	9.0	7.0	23	13.0
19	5.0	5.0	7.0	4.0	5.0	7.0	6.0	10.0	7.0	10.0	16.0	12.0	13.0	11.0	10.0	15.0	4.0	AN	4.0	5.0	5.0	4.0	4.0	3.0	23	16.0
20	6.0	1.0	.0	4.0	-1.0	1.0	5.0	2.0	9.0	8.0	7.0	10.0	16.0	14.0	12.0	13.0	9.0	6.0	7.0	7.0	5.0	7.0	5.0	4.0	24	16.0
21	3.0	8.0	9.0	4.0	.0	5.0	4.0	5.0	5.0	7.0	3.0	5.0	5.0	3.0	5.0	4.0	6.0	5.0	7.0	3.0	6.0	3.0	2.0	.0	24	9.0
22	2.0	7.0	7.0	6.0	5.0	7.0	7.0	6.0	8.0	11.0	AX	BA	BA	16.0 2	14.0 2	11.0 2	8.0 2	8.0 2	6.0 2	6.0 2	4.0 2	4.0 2	5.0 2	8.0 2	21	16.0
23	5.0 2	7.0 2	10.0 2	5.0 2	11.0 2	9.0 2	13.0 2	13.0 2	13.0 2	12.0 2	12.0 2	20.0 2	18.0 2	17.0 2	18.0 2	20.0 2	20.0 2	17.0 2	18.0 2	16.0 2	15.0 2	13.0 2	15.0 2	12.0 2	24	20.0
24	12.0 2	9.0 2	9.0 2	12.0 2	7.0 2	6.0 2	10.0 2	8.0 2	6.0 2	4.0 2	9.0 2	7.0 2	10.0 2	6.0 2	6.0 2	4.0 2	7.0 2	3.0 2	AN	-3.0 2	.0 2	3.0 2	3.0 2	6.0 2	23	12.0
25	4.0 2	4.0 2	5.0 2	4.0 2	4.0 2	5.0 2	5.0 2	2.0 2	7.0 2	7.0 2	6.0 2	7.0 2	9.0 2	8.0 2	10.0 2	3.0 2	6.0 2	5.0 2	1.0 2	4.0 2	9.0 2	7.0 2	6.0 2	8.0 2	24	10.0
26	6.0 2	6.0 2	9.0 2	4.0 2	4.0 2	3.0 2	5.0 2	10.0 2	4.0 2	4.0 2	14.0 2	10.0 2	9.0 2	6.0 2	10.0 2	7.0 2	6.0 2	8.0 2	7.0 2	8.0 2	1.0 2	5.0 2	8.0 2	8.0 2	24	14.0
27	9.0 2	8.0 2	7.0 2	8.0 2	7.0 2	12.0 2	4.0 2	10.0 2	11.0 2	8.0 2	9.0 2	7.0 2	8.0 2	7.0 2	5.0 2	8.0 2	3.0 2	3.0 2	3.0 2	4.0 2	2.0 2	2.0 2	5.0 2	7.0 2	24	12.0
28	8.0 2	9.0 2	6.0 2	6.0 2	5.0 2	7.0 2	7.0 2	2.0 2	4.0 2	5.0 2	11.0 2	5.0 2	3.0 2	13.0 2	5.0 2	5.0 2	5.0 2	4.0 2	6.0 2	4.0 2	3.0 2	5.0 2	7.0 2	5.0 2	24	13.0
29	5.0 2	5.0 2	9.0 2	7.0 2	10.0 2	12.0 2	7.0 2	10.0 2	16.0 2	10.0 2	16.0 2	19.0 2	13.0 2	12.0 2	11.0 2	7.0 2	15.0 2	9.0 2	11.0 2	9.0 2	10.0 2	7.0 2	9.0 2	10.0 2	24	19.0
30	11.0 2	13.0 2	8.0 2	10.0 2	12.0 2	11.0 2	11.0 2	9.0 2	13.0 2	12.0 2	11.0 2	10.0 2	14.0 2	.0 2	7.0 2	2.0 2	1.0 2	5.0 2	6.0 2	-2.0 2	2.0 2	5.0 2	3.0 2	2.0 2	24	14.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	29	27	27	26	29	29	30	30	28	29	29	30	30	30	30		
MAX:	21.0	19.0	25.0	19.0	17.0	18.0	20.0	20.0	18.0	18.0	25.0	20.0	20.0	25.0	18.0	20.0	20.0	25.0	20.0	16.0	15.0	17.0	20.0	20.0		
AVG:	7.13	7.67	8.17	7.47	7.73	8.30	8.23	8.33	9.97	9.48	12.41	11.44	11.38	10.34	8.90	9.23	8.43	8.71	7.83	6.52	5.17	5.93	7.07	7.60		

MONTHLY OBSERVATIONS: 703 MONTHLY MEAN: 8.43 MONTHLY MAX: 25.0

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: 37-183-0021 POC: 3
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER:
LATITUDE: 35.8652
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 5.38

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
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

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 2	4.0 2	5.0 2	3.0 2	3.0 2	5.0 2	4.0 2	5.0 2	3.0 2	9.0 2	2.0 2	6.0 2	8.0 2	4.0 2	5.0 2	11.0 2	2.0 2	11.0 2	6.0 2	7.0 2	4.0 2	6.0 2	7.0 2	4.0 2	24	11.0
2	4.0 2	5.0 2	6.0 2	4.0 2	4.0 2	5.0 2	8.0 2	7.0 2	4.0 2	12.0 2	14.0 2	8.0 2	12.0 2	5.0 2	7.0 2	7.0 2	8.0 2	5.0 2	6.0 2	2.0 2	3.0 2	7.0 2	10.0 2	10.0 2	24	14.0
3	12.0 2	7.0 2	10.0 2	8.0 2	11.0 2	10.0 2	11.0 2	11.0 2	10.0 2	10.0 2	14.0 2	9.0 2	9.0 2	7.0 2	6.0 2	8.0 2	9.0 2	5.0 2	11.0 2	3.0 2	10.0 2	7.0 2	9.0 2	6.0 2	24	14.0
4	3.0 2	6.0 2	6.0 2	3.0 2	8.0 2	4.0 2	7.0 2	8.0 2	8.0 2	14.0 2	9.0 2	9.0 2	10.0 2	8.0 2	4.0 2	5.0 2	4.0 2	8.0 2	8.0 2	4.0 2	6.0 2	15.0 2	17.0 2	2.0 2	24	17.0
5	2.0 2	6.0 2	4.0 2	3.0 2	5.0 2	6.0 2	3.0 2	6.0 2	12.0 2	13.0 2	17.0 2	20.0 2	14.0 2	17.0 2	14.0 2	6.0 2	13.0 2	12.0 2	7.0 2	2.0 2	7.0 2	7.0 2	-1.0 2	.0 2	24	20.0
6	4.0 2	.0 2	5.0 2	4.0 2	3.0 2	7.0 2	3.0 2	5.0 2	16.0 2	15.0 2	15.0 2	16.0 2	11.0 2	12.0 2	14.0 2	13.0 2	10.0 2	10.0 2	11.0 2	10.0 2	1.0 2	3.0 2	4.0 2	6.0 2	24	16.0
7	2.0 2	6.0 2	5.0 2	6.0 2	8.0 2	9.0 2	10.0 2	10.0 2	9.0 2	AX	AX	BA	BA	BA	8.0	3.0	4.0	5.0	2.0	6.0	4.0	2.0	4.0	4.0	19	10.0
8	7.0	6.0	5.0	10.0	8.0	7.0	8.0	9.0	10.0	7.0	8.0	10.0	10.0	6.0	10.0	10.0	9.0	-5.0	1.0	8.0	4.0	7.0	4.0	2.0	24	10.0
9	5.0	4.0	6.0	6.0	6.0	5.0	6.0	7.0	6.0	12.0	10.0	5.0	11.0	10.0	11.0	5.0	12.0	1.0	6.0	7.0	8.0	10.0	10.0	8.0	24	12.0
10	10.0	8.0	4.0	10.0	6.0	4.0	10.0	9.0	10.0	13.0	13.0	10.0	AN	AN	10.0	14.0	9.0	7.0	10.0	4.0	7.0	7.0	6.0	6.0	22	14.0
11	5.0	4.0	6.0	5.0	7.0	8.0	6.0	8.0	7.0	16.0	15.0	12.0	11.0	14.0	11.0	15.0	11.0	8.0	13.0	2.0	5.0	2.0	10.0	7.0	24	16.0
12	7.0	7.0	7.0	6.0	9.0	10.0	12.0	14.0	12.0	16.0	14.0	12.0	8.0	12.0	16.0	10.0	16.0	10.0	11.0	6.0	7.0	12.0	10.0	6.0	24	16.0
13	7.0	6.0	11.0	6.0	10.0	10.0	6.0	BA	BA	BA	11.0	14.0	12.0	6.0	11.0	10.0	6.0	11.0	-5.0	10.0	8.0	11.0	11.0	11.0	21	14.0
14	8.0	6.0	4.0	10.0	6.0	7.0	6.0	10.0	8.0	17.0	12.0	12.0	12.0	10.0	13.0	11.0	4.0	11.0	10.0	11.0	11.0	13.0	12.0	7.0	24	17.0
15	8.0	5.0	13.0	8.0	7.0	9.0	11.0	12.0	2.0	15.0	13.0	9.0	5.0	8.0	7.0	6.0	8.0	7.0	3.0	4.0	6.0	10.0	8.0	10.0	24	15.0
16	8.0	7.0	7.0	9.0	8.0	8.0	9.0	9.0	6.0	7.0	15.0	13.0	14.0	8.0	-2.0	11.0	7.0	2.0	3.0	4.0	3.0	4.0	4.0	5.0	24	15.0
17	3.0	4.0	3.0	3.0	4.0	7.0	7.0	7.0	8.0	10.0	7.0	10.0	9.0	10.0	11.0	11.0	10.0	8.0	-5.0	7.0	4.0	7.0	5.0	7.0	24	11.0
18	3.0	5.0	4.0	7.0	8.0	9.0	7.0	13.0	7.0	10.0	9.0	10.0	12.0	9.0	19.0	5.0	12.0	9.0	5.0	7.0	2.0	3.0	4.0	6.0	24	19.0
19	5.0	7.0	6.0	6.0	8.0	8.0	6.0	11.0	7.0	10.0	AX	BA	8.0	12.0	9.0	4.0	6.0	9.0	6.0	9.0	9.0	11.0	11.0	13.0	22	13.0
20	11.0	10.0	10.0	9.0	14.0	15.0	18.0	19.0	14.0	18.0	20.0	10.0	12.0	10.0	8.0	8.0	16.0	13.0	13.0	13.0	10.0	13.0	16.0	17.0	24	20.0
21	17.0	15.0	17.0	16.0	19.0	18.0	20.0	21.0	14.0	20.0	20.0	16.0	19.0	19.0	11.0	9.0	13.0	10.0	16.0	12.0	10.0	15.0	14.0	11.0	24	21.0
22	11.0	13.0	15.0	15.0	12.0	16.0	17.0	15.0	13.0	16.0	16.0	15.0	16.0	17.0	17.0	16.0	17.0	15.0	15.0	15.0	11.0	12.0	13.0	10.0	24	17.0
23	8.0	13.0	12.0	13.0	12.0	13.0	12.0	15.0	13.0	14.0	17.0	17.0	13.0	10.0	8.0	15.0	23.0	9.0	AO	6.0	4.0	3.0	5.0	5.0	23	23.0
24	8.0	6.0	8.0	6.0	5.0	6.0	7.0	9.0	8.0	9.0	11.0	11.0	12.0	6.0	10.0	9.0	9.0	8.0	8.0	7.0	10.0	9.0	12.0	12.0	24	12.0
25	13.0	12.0	12.0	13.0	18.0	15.0	18.0	12.0	9.0	15.0	12.0	12.0	14.0	10.0	12.0	6.0	16.0	9.0	13.0	10.0	9.0	11.0	16.0	14.0	24	18.0
26	7.0	9.0	4.0	6.0	7.0	4.0	7.0	3.0	7.0	10.0	11.0	9.0	8.0	12.0	14.0	11.0	13.0	10.0	12.0	13.0	10.0	13.0	15.0	9.0	24	15.0
27	10.0	5.0	7.0	7.0	8.0	12.0	11.0	11.0	BA	BA	13.0	15.0	14.0	13.0	14.0	12.0	12.0	16.0	19.0	17.0	13.0	6.0	10.0	9.0	22	19.0
28	13.0	9.0	9.0	12.0	15.0	16.0	16.0	16.0	12.0	20.0	16.0	16.0	14.0	14.0	14.0	18.0	19.0	11.0	3.0	13.0	5.0	12.0	16.0	15.0	24	20.0
29	15.0	14.0	11.0	10.0	14.0	10.0	9.0	5.0	1.0	1.0	5.0	4.0	7.0	6.0	.0	9.0	2.0	6.0	2.0	4.0	3.0	6.0	1.0	4.0	24	15.0
30	3.0	4.0	3.0	2.0	6.0	1.0	2.0	1.0	3.0	6.0	6.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	4.0	1.0	4.0	5.0	5.0	4.0	24	6.0
31	8.0	7.0	4.0	7.0	6.0	7.0	5.0	5.0	2.0	15.0	6.0	6.0	6.0	6.0	6.0	7.0	3.0	8.0	7.0	7.0	5.0	7.0	6.0	6.0	24	15.0
NO.:	31	31	31	31	31	31	31	30	29	28	29	29	29	29	31	31	31	31	30	31	31	31	31	31		
MAX:	17.0	15.0	17.0	16.0	19.0	18.0	20.0	21.0	16.0	20.0	20.0	20.0	19.0	19.0	19.0	18.0	23.0	16.0	19.0	17.0	13.0	15.0	17.0	17.0		
AVG:	7.45	7.10	7.39	7.52	8.55	8.74	9.10	9.77	8.31	12.50	12.10	11.03	10.86	9.83	9.71	9.29	9.87	8.13	7.37	7.45	6.55	8.26	8.84	7.61		

MONTHLY OBSERVATIONS: 729 MONTHLY MEAN: 8.85 MONTHLY MAX: 23.0

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-183-0021 POC: 3
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER:
LATITUDE: 35.8652
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 5.38

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
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

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

DAY	HOUR 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	8.0	8.0	8.0	10.0	8.0	8.0	8.0	7.0	12.0	13.0	10.0	14.0	9.0	12.0	9.0	10.0	2.0	9.0	6.0	8.0	7.0	9.0	10.0	11.0	24	14.0
2	9.0	10.0	8.0	6.0	9.0	6.0	10.0	9.0	AZ	BA	BA	12.0	14.0	15.0	12.0	20.0	9.0	13.0	9.0	12.0	16.0	16.0	16.0	15.0	21	20.0
3	15.0	14.0	17.0	15.0	14.0	14.0	19.0	22.0	22.0	23.0	21.0	19.0	19.0	12.0	14.0	13.0	11.0	12.0	14.0	9.0	13.0	13.0	9.0	10.0	24	23.0
4	15.0	13.0	13.0	11.0	13.0	12.0	14.0	9.0	10.0	17.0	10.0	16.0	11.0	10.0	13.0	7.0	6.0	14.0	10.0	4.0	3.0	3.0	9.0	2.0	24	17.0
5	-2.0	-1.0	1.0	3.0	4.0	2.0	2.0	3.0	5.0	7.0	10.0	10.0	9.0	9.0	4.0	8.0	6.0	3.0	4.0	-1.0	-1.0	6.0	5.0	4.0	24	10.0
6	5.0	3.0	4.0	6.0	7.0	7.0	4.0	5.0	4.0	4.0	8.0	8.0	9.0	6.0	14.0	8.0	7.0	17.0	7.0	7.0	7.0	7.0	10.0	8.0	24	17.0
7	10.0	10.0	11.0	11.0	14.0	10.0	11.0	10.0	7.0	10.0	10.0	12.0	14.0	14.0	12.0	11.0	16.0	7.0	11.0	16.0	8.0	8.0	9.0	8.0	24	16.0
8	5.0	7.0	7.0	6.0	7.0	11.0	5.0	6.0	3.0	4.0	2.0	4.0	4.0	7.0	6.0	-2.0	3.0	2.0	8.0	4.0	4.0	3.0	2.0	5.0	24	11.0
9	5.0	6.0	2.0	5.0	5.0	4.0	6.0	9.0	4.0	9.0	9.0	9.0	7.0	8.0	8.0	6.0	7.0	3.0	7.0	3.0	7.0	6.0	7.0	7.0	24	9.0
10	9.0	6.0	9.0	9.0	12.0	7.0	7.0	6.0	9.0	9.0	2.0	3.0	BA	BA	4.0	7.0	6.0	5.0	10.0	3.0	5.0	4.0	8.0	5.0	22	12.0
11	3.0	2.0	3.0	4.0	3.0	7.0	7.0	3.0	11.0	11.0	12.0	12.0	14.0	6.0	11.0	9.0	8.0	13.0	9.0	7.0	7.0	6.0	3.0	.0	24	14.0
12	8.0	-1.0	1.0	4.0	12.0	10.0	6.0	1.0	5.0	2.0	5.0	11.0	-2.0	5.0	7.0	7.0	3.0	1.0	9.0	4.0	5.0	.0	5.0	.0	24	12.0
13	1.0	.0	9.0	-1.0	5.0	.0	4.0	3.0	9.0	8.0	8.0	8.0	7.0	7.0	11.0	7.0	14.0	10.0	9.0	7.0	7.0	7.0	10.0	8.0	24	14.0
14	9.0	10.0	9.0	8.0	13.0	13.0	15.0	19.0	15.0	13.0	14.0	15.0	12.0	18.0	18.0	14.0	9.0	10.0	9.0	7.0	13.0	11.0	15.0	14.0	24	19.0
15	3.0	3.0	3.0	5.0	6.0	7.0	15.0	11.0	14.0	17.0	16.0	14.0	13.0	11.0	12.0	7.0	2.0	14.0	5.0	6.0	6.0	7.0	6.0	7.0	24	17.0
16	5.0	5.0	7.0	8.0	8.0	7.0	5.0	4.0	10.0	10.0	8.0	9.0	8.0	8.0	10.0	13.0	12.0	10.0	9.0	11.0	10.0	12.0	13.0	17.0	24	17.0
17	11.0	16.0	16.0	17.0	14.0	16.0	15.0	15.0	14.0	13.0	14.0	AX	BA	BA	19.0	9.0	7.0	5.0	9.0	4.0	8.0	8.0	6.0	8.0	21	19.0
18	8.0	7.0	6.0	9.0	8.0	9.0	13.0	15.0	15.0	19.0	20.0	12.0	10.0	13.0	4.0	14.0	5.0	6.0	11.0	9.0	14.0	15.0	9.0	11.0	24	20.0
19	8.0	3.0	4.0	3.0	8.0	9.0	5.0	4.0	13.0	13.0	9.0	9.0	10.0	4.0	4.0	6.0	12.0	7.0	1.0	.0	9.0	10.0	11.0	12.0	24	13.0
20	11.0	12.0	13.0	11.0	10.0	10.0	14.0	10.0	19.0	20.0	12.0	13.0	10.0	11.0	15.0	13.0	10.0	13.0	11.0	8.0	14.0	14.0	13.0	13.0	24	20.0
21	11.0	11.0	15.0	14.0	13.0	10.0	14.0	14.0	21.0	16.0	18.0	23.0	18.0	13.0	7.0	17.0	17.0	7.0	13.0	10.0	9.0	10.0	13.0	12.0	24	23.0
22	11.0	10.0	13.0	9.0	12.0	12.0	10.0	13.0	16.0	16.0	13.0	13.0	15.0	13.0	14.0	13.0	9.0	14.0	9.0	8.0	9.0	6.0	8.0	8.0	24	16.0
23	7.0	8.0	8.0	8.0	9.0	12.0	11.0	9.0	20.0	17.0	18.0	BA	BA	-4.0	16.0	-5.0	6.0	7.0	6.0	10.0	5.0	9.0	8.0	7.0	22	20.0
24	7.0	7.0	8.0	8.0	7.0	7.0	6.0	8.0	9.0	5.0	11.0	10.0	8.0	7.0	12.0	11.0	10.0	11.0	12.0	7.0	11.0	9.0	9.0	10.0	24	12.0
25	9.0	11.0	11.0	9.0	10.0	10.0	8.0	8.0	10.0	14.0	15.0	7.0	4.0	7.0	10.0	12.0	8.0	8.0	13.0	7.0	11.0	13.0	11.0	13.0	24	15.0
26	15.0	15.0	11.0	11.0	10.0	13.0	11.0	11.0	6.0	9.0	7.0	8.0	11.0	9.0	5.0	10.0	8.0	10.0	8.0	9.0	8.0	9.0	7.0	8.0	24	15.0
27	10.0	7.0	10.0	11.0	4.0	9.0	7.0	4.0	5.0	9.0	8.0	9.0	8.0	7.0	5.0	7.0	8.0	10.0	7.0	8.0	9.0	9.0	7.0	5.0	24	11.0
28	6.0	6.0	8.0	7.0	7.0	7.0	8.0	4.0	7.0	15.0	11.0	AX	BA	9.0 2	10.0 2	14.0 2	6.0 2	8.0 2	7.0 2	9.0 2	5.0 2	8.0 2	10.0 2	4.0 2	22	15.0
29	6.0 2	2.0 2	.0 2	1.0 2	.0 2	1.0 2	.0 2	-2.0 2	1.0 2	1.0 2	2.0 2	4.0 2	.0 2	3.0 2	3.0 2	.0 2	6.0 2	4.0 2	5.0 2	3.0 2	1.0 2	1.0 2	3.0 2	2.0 2	24	6.0
30	5.0 2	3.0 2	2.0 2	3.0 2	5.0 2	2.0 2	5.0 2	1.0 2	2.0 2	4.0 2	5.0 2	5.0 2	2.0 2	6.0 2	5.0 2	11.0 2	9.0 2	10.0 2	7.0 2	7.0 2	8.0 2	9.0 2	10.0 2	9.0 2	24	11.0
31	13.0 2	9.0 2	10.0 2	10.0 2	9.0 2	11.0 2	11.0 2	12.0 2	9.0 2	7.0 2	4.0 2	9.0 2	8.0 2	6.0 2	9.0 2	4.0 2	9.0 2	7.0 2	5.0 2	6.0 2	6.0 2	9.0 2	8.0 2	9.0 2	24	13.0
NO.:	31	31	31	31	31	31	31	31	30	30	30	28	27	29	31	31	31	31	31	31	31	31	31	31		
MAX:	15.0	16.0	17.0	17.0	14.0	16.0	19.0	22.0	22.0	23.0	21.0	23.0	19.0	18.0	19.0	20.0	17.0	17.0	14.0	16.0	16.0	16.0	16.0	17.0		
AVG:	7.94	7.16	7.97	7.77	8.58	8.48	8.90	8.16	10.23	11.17	10.40	10.64	9.33	8.69	9.77	9.06	8.10	8.71	8.39	6.84	7.87	8.29	8.71	8.13		

MONTHLY OBSERVATIONS: 732 MONTHLY MEAN: 8.70 MONTHLY MAX: 23.0

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-183-0021 POC: 3
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER:
LATITUDE: 35.8652
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 5.38

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
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

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

DAY	HOUR 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	9.0 2	15.0 2	15.0 2	10.0 2	8.0 2	10.0 2	11.0 2	12.0 2	12.0 2	6.0 2	4.0 2	6.0 2	9.0 2	13.0 2	6.0 2	2.0 2	12.0 2	13.0 2	2.0 2	5.0 2	4.0 2	2.0 2	2.0 2	-1.0 2	24	15.0
2	1.0 2	5.0 2	4.0 2	3.0 2	4.0 2	2.0 2	3.0 2	.0 2	1.0 2	4.0 2	4.0 2	2.0 2	6.0 2	8.0 2	11.0 2	13.0 2	11.0 2	10.0 2	11.0 2	10.0 2	5.0 2	6.0 2	6.0 2	9.0 2	24	13.0
3	4.0 2	5.0 2	8.0 2	7.0 2	7.0 2	8.0 2	6.0 2	.0 2	1.0 2	1.0 2	5.0 2	3.0 2	5.0 2	4.0 2	3.0 2	-1.0 2	4.0 2	3.0 2	3.0 2	5.0 2	.0 2	3.0 2	5.0 2	4.0 2	24	8.0
4	6.0 2	7.0 2	4.0 2	6.0 2	7.0 2	9.0 2	5.0 2	8.0 2	7.0 2	6.0 2	16.0 2	15.0 2	14.0 2	15.0 2	14.0 2	15.0 2	17.0 2	14.0 2	11.0 2	10.0 2	8.0 2	13.0 2	15.0 2	15.0 2	24	17.0
5	12.0 2	11.0 2	13.0 2	15.0 2	15.0 2	15.0 2	16.0 2	17.0 2	16.0 2	17.0 2	15.0 2	16.0 2	15.0 2	12.0 2	15.0 2	16.0 2	13.0 2	15.0 2	10.0 2	10.0 2	15.0 2	11.0 2	17.0 2	12.0 2	24	17.0
6	10.0 2	6.0 2	8.0 2	7.0 2	9.0 2	7.0 2	10.0 2	11.0 2	12.0 2	15.0 2	11.0 2	9.0 2	12.0 2	8.0 2	17.0 2	7.0 2	2.0 2	8.0 2	8.0 2	4.0 2	3.0 2	10.0 2	11.0 2	8.0 2	24	17.0
7	5.0 2	4.0 2	6.0 2	6.0 2	7.0 2	6.0 2	9.0 2	7.0 2	5.0 2	4.0 2	8.0 2	6.0 2	8.0 2	10.0 2	6.0 2	9.0 2	7.0 2	8.0 2	5.0 2	6.0 2	.0 2	4.0 2	7.0 2	6.0 2	24	10.0
8	7.0 2	7.0 2	4.0 2	8.0 2	7.0 2	6.0 2	7.0 2	8.0 2	7.0 2	1.0 2	8.0 2	4.0 2	AX	BA	6.0 2	6.0 2	6.0 2	7.0 2	3.0 2	2.0 2	-2.0 2	6.0 2	5.0 2	4.0 2	22	8.0
9	4.0 2	5.0 2	4.0 2	8.0 2	3.0 2	8.0 2	4.0 2	2.0 2	6.0 2	2.0 2	11.0 2	9.0 2	9.0 2	6.0 2	9.0 2	3.0 2	2.0 2	8.0 2	3.0 2	3.0 2	4.0 2	6.0 2	5.0 2	2.0 2	24	11.0
10	7.0 2	5.0 2	2.0 2	2.0 2	3.0 2	2.0 2	4.0 2	3.0 2	3.0 2	4.0 2	5.0 2	5.0 2	6.0 2	4.0 2	3.0 2	4.0 2	6.0 2	.0 2	2.0 2	4.0 2	7.0 2	6.0 2	2.0 2	4.0 2	24	7.0
11	6.0 2	2.0 2	4.0 2	2.0 2	6.0 2	4.0 2	3.0 2	6.0 2	6.0 2	7.0 2	7.0 2	3.0 2	6.0 2	10.0 2	8.0 2	5.0 2	8.0 2	1.0 2	5.0 2	6.0 2	6.0 2	4.0 2	8.0 2	4.0 2	24	10.0
12	4.0 2	5.0 2	6.0 2	9.0 2	6.0 2	10.0 2	5.0 2	5.0 2	9.0 2	1.0 2	8.0 2	9.0 2	7.0 2	8.0 2	7.0 2	4.0 2	12.0 2	7.0 2	9.0 2	7.0 2	6.0 2	7.0 2	4.0 2	4.0 2	24	12.0
13	4.0 2	5.0 2	6.0 2	6.0 2	3.0 2	7.0 2	9.0 2	8.0 2	7.0 2	4.0 2	8.0 2	AX	BA	BA	16.0	11.0	14.0	7.0	7.0	5.0	7.0	5.0	7.0	10.0	21	16.0
14	9.0	9.0	8.0	12.0	7.0	13.0	11.0	14.0	11.0	10.0	12.0	12.0	BA	BA	14.0	13.0	15.0	11.0	13.0	9.0	12.0	16.0	15.0	16.0	22	16.0
15	13.0	14.0	14.0	15.0	15.0	15.0	9.0	10.0	12.0	1.0	12.0	14.0	13.0	13.0	15.0	11.0	8.0	3.0	2.0	6.0	3.0	4.0	11.0	27.0	24	27.0
16	10.0	7.0	28.0	22.0	10.0	8.0	9.0	9.0	9.0	7.0	15.0	8.0	7.0	11.0	.0	7.0	9.0	5.0	6.0	10.0	6.0	10.0	11.0	10.0	24	28.0
17	12.0	16.0	12.0	12.0	14.0	11.0	12.0	8.0	11.0	3.0	14.0	9.0	10.0	4.0	7.0	6.0	9.0	7.0	9.0	6.0	6.0	10.0	9.0	6.0	24	16.0
18	6.0	11.0	9.0	7.0	7.0	10.0	11.0	8.0	8.0	5.0	8.0	9.0	4.0	7.0	8.0	2.0	5.0	6.0	7.0	6.0	3.0	8.0	7.0	9.0	24	11.0
19	6.0	9.0	9.0	8.0	7.0	5.0	6.0	11.0	AX	BA	BA	14.0	18.0	15.0	18.0	10.0	12.0	9.0	7.0	4.0	4.0	11.0	9.0	10.0	21	18.0
20	14.0	7.0	10.0	10.0	9.0	11.0	12.0	16.0	16.0	16.0	22.0	20.0	19.0	15.0	20.0	16.0	17.0	3.0	10.0	2.0	8.0	13.0	11.0	12.0	24	22.0
21	18.0	15.0	15.0	12.0	14.0	16.0	11.0	9.0	12.0	3.0	17.0	10.0	15.0	7.0	10.0	11.0	8.0	5.0	12.0	9.0	10.0	15.0	11.0	15.0	24	18.0
22	12.0	13.0	10.0	13.0	15.0	12.0	10.0	10.0	9.0	9.0	23.0	16.0	15.0	8.0	17.0	15.0	13.0	10.0	11.0	7.0	8.0	13.0	16.0	20.0	24	23.0
23	18.0	14.0	14.0	12.0	13.0	10.0	15.0	10.0	17.0	5.0	15.0	15.0	15.0	10.0	9.0	10.0	7.0	5.0	9.0	.0	4.0	11.0	8.0	11.0	24	18.0
24	10.0	12.0	10.0	9.0	15.0	13.0	13.0	12.0	9.0	6.0	14.0	11.0	10.0	6.0	8.0	3.0	5.0	-2.0	3.0	4.0	8.0	10.0	9.0	11.0	24	15.0
25	11.0	8.0	8.0	6.0	10.0	8.0	13.0	13.0	11.0	BA	BA	15.0	10.0	9.0	2.0	7.0	7.0	8.0	8.0	1.0	2.0	12.0	7.0	6.0	22	15.0
26	4.0	5.0	5.0	2.0	2.0	1.0	6.0	6.0	7.0	8.0	5.0	8.0	13.0	11.0	6.0	10.0	4.0	11.0	-1.0	-1.0	8.0	3.0	4.0	4.0	24	13.0
27	3.0	4.0	4.0	6.0	2.0	5.0	5.0	5.0	6.0	5.0	10.0	13.0	11.0	11.0	6.0	7.0	7.0	6.0	2.0	-3.0	3.0	6.0	3.0	9.0	24	13.0
28	10.0	10.0	9.0	8.0	9.0	10.0	11.0	11.0	15.0	11.0	25.0	22.0	22.0	15.0	17.0	14.0	15.0	14.0	14.0	4.0	11.0	12.0	10.0	11.0	24	25.0
29	10.0	7.0	4.0	4.0	2.0	6.0	3.0	5.0	7.0	5.0	11.0	5.0	10.0	13.0	-2.0	8.0	9.0	9.0	6.0	2.0	7.0	6.0	9.0	7.0	24	13.0
30	7.0	8.0	8.0	6.0	7.0	10.0	9.0	9.0	5.0	.0	14.0	10.0	11.0	5.0	2.0	3.0	1.0	2.0	2.0	-3.0	.0	2.0	2.0	-1.0	24	14.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	29	28	28	29	27	27	30	30	30	30	30	30	30	30	30	30		
MAX:	18.0	16.0	28.0	22.0	15.0	16.0	16.0	17.0	17.0	17.0	25.0	22.0	22.0	15.0	20.0	16.0	17.0	15.0	14.0	10.0	15.0	16.0	17.0	27.0		
AVG:	8.40	8.37	8.70	8.43	8.10	8.60	8.60	8.43	8.86	5.93	11.68	10.28	11.11	9.56	9.27	8.23	8.83	7.10	6.63	4.67	5.53	8.17	8.20	8.80		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: 8.33 MONTHLY MAX: 28.0

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

(88101) PM2.5 - Local Conditions

SITE ID: 37-183-0021 POC: 3
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER:
LATITUDE: 35.8652
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 5.38

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
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

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

DAY	HOUR 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	5.0	1.0	4.0	2.0	4.0	1.0	4.0	1.0	9.0	13.0	6.0	4.0	5.0	7.0	2.0	6.0	5.0	-2.0	2.0	2.0	5.0	2.0	2.0	24	13.0
2	4.0	3.0	4.0	5.0	4.0	5.0	4.0	3.0	4.0	11.0	8.0	13.0	8.0	6.0	9.0	10.0	.0	4.0	-4.0	4.0	1.0	2.0	6.0	1.0	24	13.0
3	5.0	7.0	5.0	.0	6.0	5.0	7.0	9.0	2.0	8.0	11.0	12.0	8.0	6.0	8.0	7.0	4.0	4.0	-2.0	4.0	6.0	4.0	7.0	7.0	24	12.0
4	5.0	5.0	3.0	6.0	4.0	8.0	4.0	9.0	5.0	4.0	14.0	18.0	14.0	7.0	8.0	8.0	4.0	8.0	2.0	9.0	8.0	8.0	9.0	6.0	24	18.0
5	13.0	8.0	7.0	10.0	4.0	7.0	8.0	14.0	10.0	20.0	11.0	14.0	AX	BA	BA	10.0	6.0	3.0	1.0	5.0	7.0	10.0	11.0	9.0	21	20.0
6	11.0	5.0	6.0	5.0	4.0	2.0	5.0	11.0	9.0	16.0	12.0	12.0	4.0	9.0	6.0	9.0	2.0	7.0	2.0	3.0	7.0	8.0	5.0	6.0	24	16.0
7	9.0	6.0	6.0	4.0	4.0	9.0	5.0	10.0	6.0	6.0	9.0	6.0	8.0	3.0	6.0	-5.0	8.0	7.0	1.0	5.0	1.0	1.0	3.0	2.0	24	10.0
8	3.0	4.0	7.0	5.0	4.0	7.0	5.0	9.0	6.0	4.0	8.0	10.0	-3.0	8.0	1.0	6.0	4.0	4.0	3.0	6.0	8.0	9.0	6.0	6.0	24	10.0
9	4.0	3.0	47.0 V	AN	-3.0	5.0	6.0	4.0	9.0	9.0	11.0	13.0	10.0	4.0	8.0	8.0	12.0	10.0	9.0	5.0	5.0	5.0	10.0	7.0	23	47.0
10	9.0	9.0	9.0	8.0	11.0	13.0	17.0	13.0	18.0	17.0	15.0	15.0	15.0	8.0	8.0	8.0	18.0	13.0	5.0	11.0	13.0	8.0	13.0	7.0	24	18.0
11	7.0	5.0	7.0	7.0	10.0	16.0	14.0	12.0	12.0	12.0	8.0	17.0	14.0	13.0	11.0	10.0	12.0	12.0	4.0	5.0	6.0	6.0	9.0	10.0	24	17.0
12	11.0	7.0	16.0	10.0	10.0	16.0	23.0	14.0	11.0	18.0	17.0	9.0	BA	6.0	6.0	5.0	3.0	5.0	3.0	2.0	3.0	3.0	3.0	5.0	23	23.0
13	2.0	1.0	2.0	1.0	5.0	1.0	4.0	2.0	4.0	6.0	5.0	6.0	8.0	9.0	6.0	11.0	7.0	8.0	10.0	7.0	6.0	6.0	8.0	8.0	24	11.0
14	7.0	5.0	4.0	1.0	4.0	4.0	2.0	3.0	4.0	9.0	9.0	4.0	10.0	6.0	10.0	8.0	5.0	8.0	6.0	7.0	11.0	13.0	10.0	8.0	24	13.0
15	7.0	10.0	10.0	12.0	7.0	10.0	12.0	9.0	10.0	13.0	13.0	16.0	14.0	12.0	13.0	9.0	6.0	7.0	9.0	8.0	11.0	13.0	9.0	11.0	24	16.0
16	11.0	11.0	10.0	7.0	12.0	10.0	12.0	3.0	9.0	1.0	3.0	2.0	4.0	4.0	1.0	5.0	5.0	.0	4.0	5.0	3.0	3.0	2.0	4.0	24	12.0
17	5.0	3.0	2.0	2.0	4.0	5.0	1.0	1.0	-1.0	AX	BA	BA	BC	BC	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	9	5.0
18	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
19	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
20	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
21	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
22	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
23	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	BA	BA	6.0	8.0	7.0	5.0	3.0	3.0	5.0	3.0	1.0	-1.0	4.0	11	8.0
24	4.0	.0	4.0	7.0	7.0	10.0	10.0	14.0	6.0	7.0	13.0	10.0	9.0	10.0	10.0	9.0	8.0	5.0	1.0	5.0	8.0	7.0	11.0	10.0	24	14.0
25	7.0	8.0	5.0	4.0	8.0	5.0	8.0	4.0	3.0	13.0	14.0	11.0	6.0	.0	12.0	4.0	8.0	3.0	1.0	1.0	6.0	3.0	3.0	5.0	24	14.0
26	.0	7.0	1.0	4.0	4.0	8.0	9.0	7.0	3.0	11.0	12.0	8.0	5.0	9.0	4.0	7.0	4.0	2.0	1.0	2.0	6.0	9.0	8.0	3.0	24	12.0
27	10.0	5.0	5.0	10.0	9.0	5.0	8.0	12.0	10.0	16.0	15.0	15.0	13.0	12.0	14.0	12.0	12.0	10.0	7.0	8.0	15.0	7.0	8.0	6.0	24	16.0
28	8.0	7.0	6.0	6.0	6.0	9.0	8.0	9.0	8.0	16.0	11.0	10.0	13.0	10.0	6.0	6.0	5.0	4.0	6.0	8.0	6.0	9.0	4.0	7.0	24	16.0
29	4.0	3.0	4.0	4.0	6.0	4.0	5.0	2.0	9.0	4.0	8.0	10.0	14.0	5.0	7.0	7.0	AV	AV	AV	AV	AV	AV	AV	AV	16	14.0
30	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AN	AN	AN	12.0	18.0	-1.0	9.0	2.0	-3.0	1.0	7.0	8.0	5.0	11.0	11	18.0
31	11.0	5.0	4.0	5.0	7.0	9.0	10.0	12.0	11.0	24.0	22.0	AX	BA	BA	14.0	11.0	14.0	1.0	7.0	10.0	12.0	8.0	11.0	11.0	21	24.0
NO.:	24	24	24	23	24	24	24	24	24	23	23	22	20	23	24	25	24	24	24	24	24	24	24	24		
MAX:	13.0	11.0	47.0	12.0	12.0	16.0	23.0	14.0	18.0	24.0	22.0	18.0	15.0	13.0	18.0	12.0	18.0	13.0	10.0	11.0	15.0	13.0	13.0	11.0		
AVG:	6.54	5.50	7.29	5.52	5.79	7.38	7.83	7.92	7.04	11.04	11.39	10.77	8.90	7.39	8.38	6.92	6.96	5.63	3.08	5.33	6.71	6.50	6.75	6.50		

MONTHLY OBSERVATIONS: 567 MONTHLY MEAN: 7.17 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.

(88101) PM2.5 - Local Conditions

SITE ID: 37-183-0021 POC: 3
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER:
LATITUDE: 35.8652
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 5.38

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
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

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

DAY	HOUR 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	9.0	12.0	11.0	13.0	15.0	13.0	15.0	21.0	21.0	25.0	29.0	23.0	17.0	13.0	17.0	12.0	16.0	7.0	11.0	12.0	10.0	10.0	15.0	11.0	24	29.0
2	9.0	8.0	3.0	5.0	8.0	11.0	6.0	9.0	12.0	19.0	12.0	6.0	5.0	8.0	13.0	4.0	10.0	2.0	.0	6.0	6.0	10.0	8.0	9.0	24	19.0
3	9.0	6.0	5.0	9.0	8.0	9.0	12.0	16.0	20.0	30.0	22.0	20.0	16.0	11.0	15.0	13.0	13.0	5.0	13.0	17.0	17.0	13.0	16.0	17.0	24	30.0
4	12.0	14.0	13.0	14.0	11.0	11.0	11.0	9.0	11.0	10.0	6.0	8.0	9.0	11.0	10.0	9.0	3.0	8.0	8.0	7.0	12.0	10.0	12.0	10.0	24	14.0
5	8.0	13.0	7.0	12.0	10.0	9.0	6.0	4.0	9.0	6.0	7.0	7.0	8.0	4.0	8.0	11.0	9.0	4.0	7.0	3.0	8.0	7.0	8.0	10.0	24	13.0
6	10.0	12.0	17.0	11.0	8.0	10.0	17.0	12.0	15.0	20.0	15.0	BA	BA	BA	11.0	21.0	18.0	15.0	10.0	13.0	10.0	16.0	12.0	20.0	21	21.0
7	15.0	15.0	15.0	15.0	13.0	13.0	12.0	17.0	15.0	18.0	19.0	21.0	16.0	19.0	23.0	3.0	.0	3.0	2.0	3.0	.0	5.0	2.0	.0	24	23.0
8	.0	-4.0	3.0	1.0	3.0	1.0	-1.0	2.0	.0	2.0	.0	1.0	3.0	2.0	3.0	.0	1.0	1.0	-1.0	2.0	3.0	3.0	4.0	.0	24	4.0
9	3.0	1.0	2.0	.0	-3.0	2.0	2.0	1.0	-1.0	1.0	3.0	6.0	2.0	1.0	1.0	.0	1.0	1.0	2.0	3.0	3.0	.0	5.0	1.0	24	6.0
10	3.0	3.0	1.0	1.0	1.0	2.0	1.0	1.0	-1.0	13.0	9.0	7.0	9.0	7.0	6.0	5.0	10.0	4.0	4.0	8.0	4.0	3.0	1.0	1.0	24	13.0
11	-3.0	2.0	3.0	2.0	.0	2.0	-1.0	1.0	.0	4.0	8.0	6.0	8.0	8.0	2.0	7.0	10.0	1.0	8.0	12.0	15.0	7.0	10.0	9.0	24	15.0
12	14.0	10.0	8.0	7.0	8.0	9.0	8.0	7.0	9.0	12.0	9.0	9.0	13.0	9.0	12.0	10.0	11.0	11.0	9.0	12.0	9.0	11.0	11.0	17.0	24	17.0
13	17.0	15.0	6.0	8.0	9.0	6.0	6.0	10.0	5.0	7.0	15.0	7.0	12.0	1.0	7.0	3.0	7.0	1.0	3.0	4.0	8.0	7.0	10.0	11.0	24	17.0
14	9.0	10.0	10.0	11.0	14.0	16.0	16.0	13.0	18.0	13.0	13.0	14.0	11.0	4.0	11.0	6.0	6.0	7.0	6.0	9.0	8.0	3.0	11.0	5.0	24	18.0
15	3.0	10.0	7.0	4.0	9.0	6.0	6.0	8.0	6.0	14.0	AZ	BA	BA	13.0	13.0	9.0	12.0	6.0	5.0	8.0	9.0	8.0	13.0	8.0	21	14.0
16	13.0	12.0	11.0	12.0	11.0	13.0	13.0	14.0	12.0	23.0	20.0	17.0	7.0	5.0	9.0	6.0	9.0	-4.0	-3.0	7.0	7.0	5.0	10.0	8.0	24	23.0
17	8.0	5.0	3.0	4.0	3.0	3.0	5.0	3.0	-2.0	15.0	9.0	5.0	9.0	7.0	7.0	4.0	11.0	-4.0	.0	8.0	9.0	2.0	6.0	7.0	24	15.0
18	7.0	6.0	9.0	12.0	8.0	9.0	13.0	9.0	9.0	16.0	13.0	15.0	12.0	15.0	10.0	10.0	9.0	4.0	8.0	8.0	7.0	10.0	10.0	8.0	24	16.0
19	8.0	10.0	9.0	15.0	3.0	5.0	-5.0	-2.0	-6.0MD	4.0	3.0	2.0	1.0	.0	-3.0	2.0	2.0	-2.0	1.0	1.0	4.0	.0	5.0	2.0	24	15.0
20	3.0	1.0	1.0	3.0	6.0	6.0	7.0	3.0	1.0	14.0	12.0	6.0	11.0	9.0	6.0	7.0	8.0	1.0	3.0	3.0	3.0	9.0	7.0	8.0	24	14.0
21	6.0	8.0	8.0	4.0	7.0	5.0	9.0	7.0	9.0	19.0	18.0	8.0	11.0	BA	BA	BA	8.0	7.0	6.0	2.0	12.0	9.0	9.0	9.0	21	19.0
22	8.0	14.0	11.0	17.0	13.0	14.0	12.0	13.0	9.0	11.0	9.0	10.0	11.0	9.0	6.0	6.0	5.0	5.0	4.0	2.0	3.0	3.0	2.0	6.0	24	17.0
23	6.0	2.0	7.0	6.0	1.0	7.0	4.0	2.0	4.0	7.0	13.0	3.0	10.0	7.0	6.0	6.0	5.0	5.0	6.0	5.0	10.0	10.0	13.0	11.0	24	13.0
24	11.0	13.0	14.0	12.0	9.0	9.0	12.0	9.0	6.0	16.0	12.0	5.0	8.0	12.0	6.0	5.0	9.0	1.0	4.0	10.0	9.0	8.0	8.0	9.0	24	16.0
25	9.0	8.0	8.0	9.0	13.0	18.0	20.0	16.0	12.0	20.0	15.0	19.0	15.0	17.0	15.0	14.0	13.0	9.0	12.0	8.0	10.0	13.0	11.0	10.0	24	20.0
26	15.0	19.0	17.0	14.0	19.0	12.0	14.0	7.0	-1.0	12.0	7.0	9.0	-1.0	3.0	2.0	2.0	5.0	-5.0	4.0	6.0	3.0	5.0	6.0	7.0	24	19.0
27	8.0	8.0	8.0	9.0	13.0	18.0	13.0	13.0	8.0	13.0	8.0	7.0	6.0	6.0	4.0	2.0	4.0	-4.0	6.0	6.0	11.0	8.0	7.0	7.0	24	18.0
28	9.0	8.0	5.0	7.0	6.0	7.0	9.0	11.0	12.0	30.0	15.0	14.0	10.0	11.0	12.0	8.0	6.0	-1.0	4.0	9.0	8.0	8.0	7.0	12.0	24	30.0
29	13.0	13.0	17.0	16.0	11.0	10.0	11.0	15.0	22.0	21.0	21.0	18.0	13.0	10.0	9.0	11.0	14.0	1.0	12.0	14.0	16.0	12.0	13.0	15.0	24	22.0
30	14.0	15.0	15.0	15.0	16.0	16.0	17.0	14.0	11.0	29.0	23.0	22.0	20.0	AX	BA	BA	14.0	17.0	15.0	22.0	26.0	24.0	21.0	19.0	21	29.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	29	28	28	27	28	28	30	30	30	30	30	30	30	30		
MAX:	17.0	19.0	17.0	17.0	19.0	18.0	20.0	21.0	22.0	30.0	29.0	23.0	20.0	19.0	23.0	21.0	18.0	17.0	15.0	22.0	26.0	24.0	21.0	20.0		
AVG:	8.53	8.97	8.47	8.93	8.43	9.07	9.00	8.83	8.17	14.80	12.59	10.54	9.71	8.22	8.61	7.00	8.30	3.53	5.63	7.67	8.67	7.97	9.10	8.90		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: 8.73 MONTHLY MAX: 30.0

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: 37-183-0021 POC: 3
COUNTY: (183) Wake
CITY: (00000) Not in a city
SITE ADDRESS: 2826 TRIPLE OAK DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

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

CAS NUMBER:
LATITUDE: 35.8652
LONGITUDE: -78.8197
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 97
PROBE HEIGHT: 5.38

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
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2017

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

DAY	HOUR 0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	22.0	18.0	19.0	20.0	23.0	18.0	19.0	23.0	18.0	13.0	18.0	19.0	12.0	11.0	11.0	12.0	11.0	7.0	9.0	13.0	11.0	14.0	12.0	12.0	24	23.0
2	7.0	11.0	14.0	13.0	13.0	12.0	16.0	14.0	14.0	13.0	13.0	19.0	11.0	14.0	12.0	15.0	17.0	18.0	11.0	16.0	17.0	17.0	22.0	22.0	24	22.0
3	12.0	14.0	17.0	15.0	15.0	16.0	14.0	14.0	12.0	21.0	21.0	20.0	20.0	20.0	15.0	11.0	9.0	5.0	9.0	14.0	13.0	12.0	14.0	14.0	24	21.0
4	13.0	15.0	17.0	11.0	14.0	10.0	13.0	12.0	11.0	14.0	12.0	13.0	11.0	9.0	11.0	10.0	12.0	4.0	9.0	4.0	9.0	9.0	12.0	13.0	24	17.0
5	12.0	10.0	14.0	12.0	15.0	15.0	13.0	20.0	29.0	26.0	13.0	20.0	11.0	14.0	BA	BA	BA	8.0	14.0	12.0	11.0	11.0	12.0	5.0	21	29.0
6	3.0	1.0	3.0	10.0	8.0	10.0	8.0	-1.0	.0	4.0	3.0	5.0	3.0	5.0	3.0	4.0	3.0	4.0	3.0	8.0	6.0	9.0	6.0	3.0	24	10.0
7	4.0	12.0	5.0	8.0	7.0	4.0	8.0	4.0	2.0	2.0	6.0	3.0	7.0	5.0	6.0	7.0	2.0	5.0	8.0	9.0	7.0	12.0	16.0	16.0	24	16.0
8	18.0	15.0	14.0	13.0	2.0	7.0	8.0	7.0	9.0	5.0	7.0	9.0	9.0	8.0	8.0	.0	2.0	3.0	4.0	3.0	1.0	2.0	.0	1.0	24	18.0
9	.0	-2.0	2.0	.0	3.0	1.0	1.0	2.0	.0	1.0	.0	1.0	.0	.0	3.0	2.0	6.0	8.0	10.0	7.0	9.0	9.0	15.0	12.0	24	15.0
10	12.0	8.0	6.0	1.0	5.0	3.0	7.0	5.0	2.0	13.0	10.0	11.0	7.0	3.0	5.0	4.0	2.0	6.0	4.0	5.0	10.0	9.0	11.0	10.0	24	13.0
11	16.0	7.0	6.0	11.0	7.0	8.0	11.0	14.0	11.0	20.0	14.0	14.0	13.0	10.0	12.0	11.0	10.0	10.0	10.0	10.0	5.0	12.0	14.0	10.0	24	20.0
12	10.0	13.0	9.0	12.0	11.0	12.0	12.0	15.0	15.0	13.0	14.0	AX	BA	BA	9.0	7.0	7.0	6.0	2.0	-3.0	1.0	3.0	6.0	3.0	21	15.0
13	3.0	1.0	1.0	12.0	1.0	5.0	5.0	7.0	3.0	5.0	5.0	6.0	5.0	2.0	7.0	14.0	1.0	6.0	16.0	15.0	13.0	9.0	6.0	3.0	24	16.0
14	8.0	12.0	12.0	11.0	7.0	11.0	10.0	11.0	9.0	24.0	AN	7.0	12.0	4.0	7.0	10.0	11.0	.0	7.0	5.0	9.0	11.0	8.0	8.0	23	24.0
15	12.0	7.0	7.0	10.0	7.0	9.0	7.0	8.0	7.0	13.0	7.0	13.0	13.0	12.0	16.0	12.0	16.0	17.0	14.0	17.0	10.0	14.0	14.0	12.0	24	17.0
16	15.0	12.0	13.0	16.0	10.0	10.0	8.0	12.0	8.0	16.0	14.0	9.0	.0	10.0	9.0	9.0	7.0	9.0	5.0	6.0	6.0	8.0	10.0	9.0	24	16.0
17	14.0	20.0	15.0	14.0	19.0	24.0	14.0	16.0	16.0	17.0	31.0	24.0	16.0	25.0	24.0	21.0	18.0	14.0	19.0	16.0	21.0	15.0	17.0	18.0	24	31.0
18	17.0	21.0	15.0	13.0	18.0	15.0	14.0	13.0	18.0	24.0	29.0	23.0	24.0	AX	BA	BA	22.0	18.0	18.0	21.0	19.0	23.0	23.0	20.0	21	29.0
19	21.0	20.0	22.0	22.0	22.0	21.0	29.0	32.0	26.0	31.0	20.0	23.0	17.0	17.0	17.0	10.0	16.0	11.0	11.0	7.0	9.0	13.0	8.0	11.0	24	32.0
20	14.0	10.0	14.0	11.0	15.0	14.0	13.0	17.0	21.0	22.0	19.0	16.0	14.0	9.0	6.0	7.0	5.0	6.0	8.0	10.0	10.0	10.0	13.0	10.0	24	22.0
21	9.0	9.0	5.0	4.0	7.0	9.0	6.0	8.0	6.0	11.0	10.0	12.0	12.0	10.0	12.0	11.0	7.0	1.0	7.0	5.0	6.0	11.0	14.0	10.0	24	14.0
22	9.0	10.0	8.0	9.0	7.0	6.0	12.0	16.0	15.0	15.0	13.0	13.0	20.0	5.0	15.0	6.0	11.0	13.0	13.0	13.0	9.0	13.0	13.0	11.0	24	20.0
23	14.0	11.0	12.0	10.0	14.0	11.0	14.0	12.0	8.0	13.0	9.0	11.0	11.0	13.0	11.0	9.0	7.0	8.0	10.0	8.0	9.0	7.0	7.0	-1.0	24	14.0
24	-1.0	-3.0	-1.0	1.0	3.0	-4.0	2.0	.0	.0	3.0	3.0	4.0	1.0	3.0	4.0	3.0	2.0	4.0	2.0	9.0	6.0	2.0	7.0	3.0	24	9.0
25	6.0	7.0	9.0	7.0	1.0	-2.0	.0	-1.0	-2.0	11.0	3.0	5.0	5.0	.0	1.0	5.0	2.0	1.0	1.0	.0	4.0	4.0	9.0	6.0	24	11.0
26	6.0	3.0	3.0	3.0	1.0	5.0	6.0	3.0	-3.0	6.0	5.0	6.0	6.0	7.0	4.0	5.0	.0	.0	5.0	3.0	4.0	6.0	9.0	6.0	24	9.0
27	10.0	10.0	11.0	10.0	7.0	8.0	10.0	8.0	6.0	3.0	5.0	4.0	9.0	5.0	9.0	10.0	5.0	9.0	5.0	6.0	12.0	5.0	4.0	2.0	24	12.0
28	5.0	10.0	7.0	12.0	9.0	11.0	24.0	-9.0MD	AN	7.0	11.0	4.0	5.0	2.0	1.0	5.0	3.0	5.0	2.0	5.0	4.0	8.0	5.0	28.0	23	28.0
29	-4.0	11.0	3.0	11.0	5.0	11.0	7.0	7.0	11.0	16.0	16.0	11.0	14.0	24.0	21.0	5.0	10.0	23.0	8.0	6.0	21.0	13.0	13.0	16.0	24	24.0
30	17.0	15.0	16.0	19.0	18.0	17.0	17.0	14.0	18.0	19.0	21.0	23.0	31.0	12.0	25.0	17.0	17.0	8.0	2.0	16.0	8.0	8.0	9.0	2.0	24	31.0
31	6.0	5.0	4.0	5.0	5.0	4.0	.0	1.0	4.0	5.0	7.0	4.0	4.0	3.0	5.0	6.0	.0	1.0	-1.0	.0	1.0	.0	.0	1.0	24	7.0
NO.:	31	31	31	31	31	31	31	31	30	31	30	30	30	29	29	29	30	31	31	31	31	31	31	31		
MAX:	22.0	21.0	22.0	22.0	23.0	24.0	29.0	32.0	29.0	31.0	31.0	24.0	31.0	25.0	25.0	21.0	22.0	23.0	19.0	21.0	21.0	23.0	23.0	28.0		
AVG:	10.00	10.10	9.74	10.52	9.65	9.71	10.58	9.81	9.80	13.10	11.97	11.73	10.77	9.03	9.97	8.55	8.03	7.68	7.90	8.58	9.06	9.65	10.61	9.55		

MONTHLY OBSERVATIONS: 733 MONTHLY MEAN: 9.84 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.

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
AC	Construction/Repairs in Area	NULL
AG	Sample Time out of Limits	NULL
AJ	Filter Damage	NULL
AK	Filter Leak	NULL
AM	Miscellaneous Void	NULL
AN	Machine Malfunction	NULL
AO	Bad Weather	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
BF	Precision/Zero/Span	NULL
BI	Lost or damaged in transit	NULL
BJ	Operator Error	NULL
BK	Site computer/data logger down	NULL
DL	Detection Limit Analyses	NULL
HT	Sample pick-up hold time exceeded	QA
IM	Prescribed Fire	INFORM
MD	Value less than MDL	QA
SA	Storm Approaching	NULL
TS	Holding Time Or Transport Temperature Is Out Of Specs.	NULL
V	Validated Value	QA

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