

User ID: XJLSTEGER

RAW DATA REPORT

Report Request ID: 1657130

Report Code: AMP350

May. 30, 2018

GEOGRAPHIC SELECTIONS

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

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
CRITERIA	81102		

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
PM10 24-hour 2006

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-003-0005 POC: 3
 COUNTY: (003) Alexander
 CITY: (66960) Taylorsville
 SITE ADDRESS: 700 Liledoun Road
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 35.9138000009
 LONGITUDE: -81.191
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 365
 PROBE HEIGHT: 3.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM			
1	7	11	10	10	12	8	9	14	10	7	7	7	7	11	11	10	9	6	8	6	7	5	8	6	24	14.			
2	4	7	6	5	4	2	2	6	3	1	2	1	0	0	1	4	2	5	3	4	8	5	8	6	24	8.			
3	3	4	4	2	4	6	1	-1	1	1	-1	-1	0	1	2	4	3	4	6	6	6	4	2	2	24	6.			
4	7	9	5	2	5	5	7	5	2	3	AX	BA	1	2	2	1	1	5	5	6	7	6	4	2	22	9.			
5	7	6	3	2	1	7	7	9	7	18	9	14	11	12	7	7	5	7	10	12	13	12	17	13	24	18.			
6	14	15	10	11	12	11	13	9	6	5	9	6	3	8	7	5	13	11	7	9	7	5	13	8	24	15.			
7	10	9	6	4	5	6	4	7	6	4	3	2	9	7	6	8	11	11	9	6	10	8	6	5	24	11.			
8	4	11	8	11	6	12	6	11	6	13	6	10	6	6	4	3	4	4	5	8	10	16	14	15	14	17	24	17.	
9	16	14	19	18	6	21	6	15	6	20	6	23	18	19	16	12	10	12	15	15	17	26	17	21	46	26	25	24	46.
10	29	34	31	33	25	24	30	28	34	25	22	19	12	18	16	11	15	17	19	17	25	27	23	28	24	34.			
11	16	19	15	20	18	26	22	22	23	19	19	19	22	22	21	20	17	19	18	24	22	24	25	33	24	33.			
12	43	47	24	16	12	17	16	17	18	16	14	15	12	8	7	9	12	14	15	14	12	10	13	10	24	47.			
13	12	10	15	19	15	16	19	19	19	18	9	8	15	13	7	9	6	7	12	10	37	22	13	9	24	37.			
14	6	9	9	12	14	17	13	15	10	13	9	7	11	11	20	19	19	17	19	23	17	17	25	22	24	25.			
15	21	26	13	17	15	14	11	17	12	14	13	7	10	7	13	11	14	11	13	10	9	12	13	12	24	26.			
16	13	11	12	10	18	15	18	17	12	11	9	15	16	14	15	10	18	23	33	31	19	21	29	39	24	39.			
17	54	48	43	38	36	31	29	32	24	23	26	19	14	12	14	15	13	19	21	24	22	23	19	14	24	54.			
18	19	13	10	13	12	10	12	13	11	5	4	AX	BA	BA	BA	3	2	4	3	4	3	4	5	4	20	19.			
19	4	5	4	3	3	6	7	6	6	5	4	7	4	7	10	9	10	10	10	11	20	13	18	18	24	20.			
20	19	20	16	16	15	16	8	10	15	14	14	11	16	17	19	13	15	14	16	15	16	19	16	24	24	24.			
21	13	18	18	12	13	18	13	16	12	16	10	5	8	14	11	17	8	6	7	8	7	9	12	7	24	18.			
22	10	9	9	8	7	5	6	3	-2	-3	-3	-3	2	1	0	0	0	0	6	7	5	-3	-4	-1	24	10.			
23	-1	0	0	-4	-5	-2	-1	-2	2	3	1	6	5	3	1	1	1	0	2	2	0	2	4	4	24	6.			
24	3	2	2	2	1	1	0	0	0	1	0	-2	-1	2	2	0	1	2	4	3	5	4	4	3	24	5.			
25	1	5	7	4	6	7	6	8	9	5	5	3	5	4	4	4	3	6	5	5	5	4	5	6	24	9.			
26	6	10	10	9	11	10	8	12	11	8	4	3	3	3	3	6	5	6	6	8	4	6	7	5	24	12.			
27	4	4	2	2	2	5	3	3	11	7	8	4	2	4	7	6	4	5	6	6	4	4	3	2	24	11.			
28	6	5	6	7	11	7	13	12	7	6	3	31	4	3	2	3	4	1	5	7	9	12	11	25	24	31.			
29	12	11	13	18	12	11	9	7	16	15	-1	1	6	4	6	6	4	5	2	7	5	2	2	2	24	18.			
30	7	5	5	6	5	6	7	4	2	4	4	1	1	0	2	5	13	14	14	12	12	9	10	35	24	35.			
31	23	18	15	16	15	14	12	11	19	11	7	5	6	7	8	8	12	10	6	5	6	8	7	13	24	23.			
NO.:	31	31	31	31	31	31	31	31	31	31	30	29	30	30	30	31	31	31	31	31	31	31	31	31	31				
MAX:	54.	48.	43.	38.	36.	31.	30.	32.	34.	25.	26.	31.	22.	22.	21.	20.	19.	26.	33.	31.	46.	27.	29.	39.					
AVG:	12.6	13.4	11.3	11.0	10.9	11.1	10.9	11.4	10.7	9.8	7.7	7.8	7.2	7.7	8.1	7.9	8.5	9.5	10.2	10.9	12.4	10.7	11.5	12.8					

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 10.3 MONTHLY MAX: 54.

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

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 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	16	14	12	8	12	20	23	18	22	11	8	AX	BA	11	11	21	19	15	18	19	18	12	18	12	22	23.	
2	24	25	26	12	20	34	31	23	19	16	10	17	14	14	12	12	7	5	9	8	5	6	3	2	24	34.	
3	7	10	7	6	5	7	9	6	5	8	6	4	7	12	10	6	14	9	6	5	7	10	7	4	24	14.	
4	6	3	6	6	4	5	7	6	4	5	3	2	5	7	7	8	7	8	11	19	14	20	20	16	24	20.	
5	18	15	8	7	9	9	14	14	13	11	12	13	9	8	7	6	9	25	28	11	10	36	11	11	24	36.	
6	10	11	14	13	16	17	18	23	16	8	9	9	4	7	7	4	7	7	13	8	13	13	11	13	24	23.	
7	15	15	9	12	13	11	16	18	20	15	15	15	16	15	15	13	18	16	16	10	14	11	10	11	24	20.	
8	9	6	9	7	9	7	3	2	4	3	3	8	9	7	9	13	11	15	8	12	11	7	9	10	24	15.	
9	10	8	7	4	4	5	4	2	1	3	4	2	7	6	3	5	6	4	3	7	5	7	8	8	24	10.	
10	6	5	4	9	9	6	6	13	14	11	5	8	6	4	4	5	7	9	8	6	7	7	9	9	24	14.	
11	7	8	8	12	15	9	16	9	11	9	10	14	10	12	10	7	6	4	11	16	10	14	15	13	24	16.	
12	14	15	13	14	15	13	15	8	11	16	17	15	12	15	13	17	17	16	13	12	20	10	7	4	24	20.	
13	4	5	5	4	5	3	5	5	2	0	0	0	0	3	2	0	6	7	6	4	4	7	5	3	24	7.	
14	1	4	6	10	10	9	13	9	8	9	6	9	7	10	14	17	15	14	20	12	7	4	7	4	24	20.	
15	5	11	11	9	11	12	8	4	6	4	0	AX	BA	9	6	7	5	7	9	6	4	10	7	5	22	12.	
16	7	6	4	5	6	5	8	6	4	2	3	6	2	4	6	5	3	4	5	6	9	7	4	4	24	9.	
17	3	3	6	6	5	7	8	9	13	10	5	3	5	4	4	5	6	9	8	11	21	15	21	19	24	21.	
18	19	12	9	13	12	7	10	9	5	5	7	6	4	10	8	13	10	7	7	5	8	14	9	8	24	19.	
19	6	8	6	6	7	9	6	2	1	5	5	3	2	2	2	6	5	12	12	13	18	14	12	15	24	18.	
20	14	13	13	11	9	10	12	10	13	8	11	7	5	5	8	8	12	15	9	17	24	20	19	22	24	24.	
21	18	17	13	14	17	17	20	23	23	17	17	15	22	19	16	18	19	22	25	22	26	19	23	20	24	26.	
22	25	32	26	26	21	18	15	17	21	18	20	17	17	21	27	26	26	21	23	20	22	18	16	17	24	32.	
23	20	17	15	10	8	8	7	10	9	9	22	17	15	16	9	12	22	20	24	21	15	15	23	18	24	24.	
24	15	15	14	10	10	13	12	18	14	21	16	13	12	10	9	12	11	15	12	15	17	11	39	43	24	43.	
25	35	35	21	20	19	24	11	13	17	18	20	14	7	6	7	6	5	8	6	4	7	8	5	5	24	35.	
26	4	4	7	5	5	6	6	7	5	5	4	4	2	0	3	2	1	3	4	9	11	10	13	15	24	15.	
27	11	7	8	8	9	8	13	9	10	13	11	13	10	10	15	17	12	14	18	17	23	20	18	23	24	23.	
28	19	18	15	18	21	12	14	12	16	17	22	18	18	14	14	10	9	15	13	11	28	7	9	11	24	28.	
29																										0	
30																										0	
31																										0	
NO.:	28	28	28	28	28	28	28	28	28	28	28	26	26	28	28	28	28	28	28	28	28	28	28	28	28	28	
MAX:	35.	35.	26.	26.	21.	34.	31.	23.	23.	21.	22.	18.	22.	21.	27.	26.	26.	25.	28.	22.	28.	36.	39.	43.			
AVG:	12.4	12.2	10.8	10.2	10.9	11.1	11.8	10.9	11.0	9.9	9.7	9.7	8.7	9.3	9.1	10.1	10.6	11.6	12.3	11.6	13.4	12.6	12.9	12.3			

MONTHLY OBSERVATIONS: 668 MONTHLY MEAN: 11.1 MONTHLY MAX: 43.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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 SITE COMMENTS:
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STATE: (37) North Carolina
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 LOCATION SETTING: SUBURBAN

CAS NUMBER:
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 UTM ZONE:
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 ELEVATION-MSL: 365
 PROBE HEIGHT: 3.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

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	13	9	11	16	18	14	17	17	15	AX	BA	BA	15	10	15	19	0	0	0	2	9	25	22	21	25.	
2	3	6	11	6	4	5	6	8	7	4	3	5	7	4	4	5	3	3	7	5	3	7	4	4	24	11.	
3	3	5	6	5	5	8	8	8	7	4	3	3	4	3	3	5	8	7	6	6	3	3	5	7	24	8.	
4	8	10	8	11	9	8	9	6	6	5	6	8	7	7	6	9	7	10	13	15	19	38	41	33	24	41.	
5	26	25	18	20	15	17	9	10	9	11	8	11	9	8	9	16	17	16	19	19	13	23	29	21	24	29.	
6	15	25	20	21	16	20	17	19	16	20	19	23	19	18	17	15	16	19	17	103	22	21	18	27	24	103.	
7	23	21	26	14	20	16	18	20	12	13	15	14	15	17	12	12	16	22	20	18	17	10	7	6	24	26.	
8	11	8	8	9	5	5	6	7	9	9	6	12	21	15	17	9	9	9	16	10	11	8	9	11	24	21.	
9	9	13	10	8	11	8	9	9	5	5	5	AZ	AZ	AZ	11	10	11	10	12	14	9	14	16	11	21	16.	
10	8	14	14	11	12	13	9	9	5	2	8	6	8	9	5	4	6	5	3	2	2	2	5	5	24	14.	
11	3	6	8	7	5	6	5	4	3	5	4	3	2	3	2	1	1	2	4	4	9	7	6	7	24	9.	
12	4	5	7	10	7	3	2	3	7	5	9	10	8	6	5	7	8	12	11	14	13	9	13	23	24	23.	
13	23	20	17	11	12	21	15	14	14	11	11	9	11	9	12	9	10	14	10	11	16	16	12	10	24	23.	
14	6	2	4	7	7	7	6	8	4	2	1	3	5	7	6	7	9	10	9	7	5	5	7	9	24	10.	
15	10	7	8	8	8	7	9	5	4	4	7	8	6	3	5	5	3	3	3	4	6	5	7	24	10.		
16	5	5	5	6	7	5	9	10	8	7	7	6	8	6	5	8	5	11	10	10	8	7	10	11	24	11.	
17	11	14	10	10	10	13	13	11	13	13	19	20	11	12	14	14	15	23	12	17	18	21	23	21	24	23.	
18	23	19	13	17	21	20	17	23	21	24	19	18	14	9	10	7	6	8	6	9	8	6	10	7	24	24.	
19	3	6	4	0	1	3	5	1	4	4	3	2	1	4	4	1	0	2	8	7	9	7	4	6	24	9.	
20	6	8	6	7	8	8	8	6	8	AX	BA	BC	3	2	4	3	7	8	9	8	11	8	10	11	21	11.	
21	12	16	14	12	12	14	21	14	25	16	14	17	17	15	15	13	9	18	14	16	18	20	19	21	24	25.	
22	18	14	18	6	8	5	8	9	10	6	7	6	4	4	3	3	7	10	7	15	10	14	10	7	24	18.	
23	12	8	10	9	9	9	11	12	12	9	8	8	12	14	6	9	11	14	16	15	15	17	17	24	24	24.	
24	19	32	21	17	16	8	20	17	14	18	21	22	22	20	13	16	9	12	19	19	19	22	20	20	24	32.	
25	24	19	20	17	18	17	17	13	15	10	9	7	18	12	17	10	11	17	24	33	27	25	27	23	24	33.	
26	13	17	16	12	10	11	11	16	14	18	8	6	5	3	3	11	12	10	6	7	6	9	11	8	24	18.	
27	9	10	9	11	13	11	8	13	16	20	12	17	13	17	15	20	16	16	19	17	14	17	16	13	24	20.	
28	10	14	10	9	10	11	6	6	4	5	3	6	9	10	9	10	6	6	5	9	8	9	6	7	24	14.	
29	5	4	5	6	5	8	6	8	7	6	7	7	3	7	6	12	11	7	11	11	10	10	14	12	24	14.	
30	14	16	19	18	20	25	20	15	11	12	10	7	4	10	14	12	13	14	12	11	14	19	12	18	24	25.	
31	17	10	14	9	7	12	8	8	6	10	10	8	15	14	10	11	6	7	8	5	8	8	5	4	24	17.	
NO.:	31	31	31	31	31	31	31	31	31	30	29	28	29	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	26.	32.	26.	21.	21.	25.	21.	23.	25.	24.	21.	23.	22.	20.	17.	20.	19.	23.	24.	103.	27.	38.	41.	33.			
AVG:	11.8	12.6	11.9	10.5	10.5	11.0	10.6	10.6	10.1	9.8	9.0	9.7	9.7	9.4	8.8	9.3	9.3	10.5	10.8	14.2	11.3	12.8	13.4	13.4			

MONTHLY OBSERVATIONS: 735 MONTHLY MEAN: 10.9 MONTHLY MAX: 103.

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 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-033-0001 POC: 3
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 CITY: (00000) Not in a city
 SITE ADDRESS: 7074 CHERRY GROVE RD, REIDSVILLE
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
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 LOCATION SETTING: RURAL

CAS NUMBER:
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 PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
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 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

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	8	7	7	10	7	8	6	8	7	3	1	5	7	9	7	9	8	10	7	11	8	7	3	24	11.	
2	4	5	5	7	4	2	3	7	4	4	4	1	0	2	3	3	4	6	4	4	3	2	5	3	24	7.	
3	3	6	4	4	3	2	2	3	3	4	4	0	1	2	2	4	8	6	3 6	5	4	13	11	7	24	13.	
4	9	14	11	14	12	12	15	6	4	4	4	2	1	2	1	0	3	3	3	7	5	6	7	4	24	15.	
5	5	5	5	8	7	5	10	7	6	3	6	4	3	4	6	5	3	2	2	2	6	7	6	11	24	11.	
6	10	11	13	9	10	9	12	15	6	7	8	5	3	2	5	3	4	5	8	5	4	3	6	9	24	15.	
7	10	8	8	5	6	6	5	5	7	15	11	11	8	5	5	7	9	17	9	9 6	5 6	4 6	5 6	14 6	24	17.	
8	AN	7 6	9 6	7 6	6 6	8 6	9 6	9 6	8 6	7 6	7 6	7	6	6	5	5	6	7	11	14	9 6	16 6	15 6	18 6	23	18.	
9	10 6	7 6	6 6	7 6	11 6	9 6	11 6	16 6	8 6	8	8	5	6	11	9	10	8	12	15	14	10	15	15	13	24	16.	
10	22	17	18	21	17	13	18	17	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	8	22.	
11	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AX	BA	6	9	9	10	9	16	14	12	16	12	14	9	12	16.	
12	7	8	5	7	7	8	6	7	7	5	7	10	6	10	5	6	5	9	11	8	6	5	4	8	24	11.	
13	7	9	9	13	11	8	11	11	15	8	9	9	5	1	5	5	4	7	9	6	9	8	6	11	24	15.	
14	11	10	6	5	5	4	5	10	5	9	5	1	5	6	4	7	10	12	10	9	8	11	19	16	24	19.	
15	13	18	14	21	16	14	11	16	18	16	10	8	6	6	6	7	6	5	8	5	6	7	7	8	24	21.	
16	6	7	8	7	4	6	12	10	9	7	5	9	5	12	11	7	13	9	14	12	7	11	11	15	24	15.	
17	14	13	13	19	16	16	21	20	17	10	10	6	5	9	12	11	11	12	11	11	14	14	16	9	24	21.	
18	10	12	14	15	14	17	18	14	18	3	7	5	2	1	0	0	-2	0	4	6	3	4	3	1	24	18.	
19	3	2	2	4	1	0	5	5	3	1	1	0	0	2	2	4	5	12	7	10	7	9	9	9	24	12.	
20	9	7	7	10	10	9	8	12	11	9	8	7	8	14	14	9	9	16	11	16	18	18	13	15	24	18.	
21	8	9	9	6	6	8	4	3	5	3	10	6	2	3	8	8	8	6	4	3	5	4	4	3	24	10.	
22	2	0	0	2	1	4	2	3	4	4	4	1	0	0	2	3	1	9	9	6	3	5	4	2	24	9.	
23	0	1	1	0	0	0	1	3	0	1	0	0	4	4	3	2	2	1	-1	-1	0	3	4	4	24	4.	
24	1	3	3	5	0	0	4	3	0	-1	-3	-2	0	1	1	0	-1	1	1	2	2	2	4	3	24	5.	
25	2	3	3	5	3	1	8	7	6	3	0	2	2	2	2	3	4	5	9	6	7	5	4	6	24	9.	
26	3	6	11	7	4	10	7	6	10	8	8	AX	BA	4	3	2	3	3	1	1	-1	0	1	3	22	11.	
27	4	2	5	6	4	5	5	4	2	1	2	2	3	1	4	3	1	3	4	3	4	3	1	0	24	6.	
28	AN	4	5	5	5	4	4	5	5	4	3	3	2	1	0	0	0	0	5	7	5	6	6	6	23	7.	
29	5	9	8	6	AN	4	7	7	5	5	4	5	4	1	2	4	2	2	5	2	1	1	-1	2	23	9.	
30	4	6	3	0	1	2	4	4	1	0	1	2	1	0	5	3	5	4	2	5	7	9	7	6	24	9.	
31	9	8	8	8	10	8	12	9	10	7	6	6	10	7	6	9	9	10	15	10	11	7	8	6	24	15.	
NO.:	28	30	30	30	29	30	30	30	29	29	29	28	29	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	22.	18.	18.	21.	17.	17.	21.	20.	18.	16.	11.	11.	10.	14.	14.	11.	13.	17.	15.	16.	18.	18.	19.	18.			
AVG:	7.1	7.5	7.3	8.0	7.0	6.7	8.3	8.3	7.1	5.6	5.2	4.1	3.8	4.5	5.0	4.9	5.3	7.0	7.2	6.8	6.5	7.1	7.3	7.5			

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: 6.5 MONTHLY MAX: 22.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-033-0001 POC: 3
 COUNTY: (033) Caswell
 CITY: (00000) Not in a city
 SITE ADDRESS: 7074 CHERRY GROVE RD, REIDSVILLE
 SITE COMMENTS:
 MONITOR COMMENTS:

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	4	7	7	9	9	8	8	13	9	13	15	23	16	20	20	16	13	15	13	12	9	7	13	11	24	23.	
2	13	9	11	10	8	11	9	8	12	10	6	3	2	4	3	4	12	26	26	21	17	10	8	11	24	26.	
3	7	2	3	2	1	8	8	8	7	5	7	13	10	7	7	5	3	5	4	6	7	12	6	5	24	13.	
4	7	4	5	8	9	5	6	7	9	8	5	3	2	4	3	3	2	7	10	11	14	9	13	16	24	16.	
5	15	19	18	21	15	11	14	15	13	11	8	5	7	5	3	8	7	9	10	10	10	8	9	9	24	21.	
6	7	11	14	15	13	7	11	15	5	10	11	8	5	6	7	5	7	8	8	9	13	12	18	14	24	18.	
7	13	12	13	16	17	15	17	18	15	19	19	22	22	15	17	18	16	17	26	20	21	21	20	16	24	26.	
8	12	7	3	0	1	7	4	1	4	5	4	4	3	6	4	10	6	2	5	8	10	8	10	6	24	12.	
9	4	8	5	6	5	4	4	7	4	4	5	3	2	1	1	2	3	1	1	5	4	5	4	8	24	8.	
10	5	7	6	4	7	4	5	6	4	3	5	3	5	5	8	6	4	13	8	8	10	16	24	15	24	24.	
11	15	15	9	9	13	15	13	13	12	14	12	16	11	19	9	11	12	12	15	13	15	16	13	18	24	19.	
12	16	14	14	8	13	10	12	15	11	11	13	17	15	17	16	15	13	16	10	13	12	7	4	4	24	17.	
13	6	6	5	8	5	4	4	2	1	1	1	2	0	-1	-1	2	3	4	4	6	3	8	9	4	24	9.	
14	AN	7	6	7	7	4	7	11	6	7	AX	BA	0	2	5	14	13	13	16	13	21	25	38	23	21	38.	
15	19	18	20	14	10	11	13	9	6	4	1	-1	1	5	4	4	5	6	6	5	4	4	2	3	24	20.	
16	3	3	6	4	5	4	4	2	2	2	4	3	0	0	0	0	2	5	5	4	6	7	5	3	24	7.	
17	2	5	7	5	2	8	5	6	5	2	6	AZ	BA	6	7	4	2	10	8	5	8	9	10	11	22	11.	
18	10	10	6	9	7	10	8	6	7	6	3	2	9	5	4	8	8	15	17	11	13	11	16	20	24	20.	
19	19	19	19	14	16	14	9	7	5	9	7	1	0	4	4	3	3	5	14	14	17	15	20	11	24	20.	
20	15	16	17	12	16	16	15	15	13	10	6	7	6	10	6	13	12	11	14	10	17	13	14	13	24	17.	
21	13	16	10	12	19	19	28	14	12	10	11	8	5	8	12	16	12	20	22	25	29	37	32	27	24	37.	
22	24	22	18	23	16	11	16	16	14	11	16	17	19	22	21	13	15	13	14	16	13	14	11	10	24	24.	
23	18	15	17	10	9	8	10	12	7	12	12	11	16	11	9	9	6	11	12	8	21	31	32	21	24	32.	
24	21	24	12	16	13	10	9	9	10	15	9	9	11	10	7	11	13	10	9	15	10	13	10	12	24	24.	
25	16	9	9	9	21	15	8	14	9	7	9	12	8	16	17	7	6	7	5	7	8	5	5	5	24	21.	
26	2	4	4	6	7	5	4	4	4	4	3	2	4	3	0	4	5	4	5	5	7	6	7	5	24	7.	
27	5	9	8	9	7	11	10	13	11	12	8	9	8	8	6	6	6	11	11	14	7	24	10	9	24	24.	
28	9	11	11	11	12	9	11	14	8	11	15	13	14	10	10	13	12	10	12	9	10	13	15	11	24	15.	
29																										0	
30																										0	
31																										0	
NO.:	27	28	28	28	28	28	28	28	28	28	27	26	27	28	28	28	28	28	28	28	28	28	28	28	28	28	
MAX:	24.	24.	20.	23.	21.	19.	28.	18.	15.	19.	19.	23.	22.	22.	21.	18.	16.	26.	26.	25.	29.	37.	38.	27.			
AVG:	11.1	11.0	10.1	9.9	10.1	9.4	9.7	10.0	8.0	8.4	8.2	8.3	7.4	8.1	7.5	8.2	7.9	10.2	11.1	10.8	12.0	13.1	13.5	11.5			

MONTHLY OBSERVATIONS: 667 MONTHLY MEAN: 9.8 MONTHLY MAX: 38.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-033-0001 POC: 3
 COUNTY: (033) Caswell
 CITY: (00000) Not in a city
 SITE ADDRESS: 7074 CHERRY GROVE RD, REIDSVILLE
 SITE COMMENTS:
 MONITOR COMMENTS:

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	24	27	21	17	19	19	16	18	15	16	15	20	18	19	9	7	5	AV	AV	AV	AV	AV	AV	AV	AV	17	27.
2	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	0	
3	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AX	AX														0	
4																										0	
5																										0	
6																										0	
7																										0	
8																										0	
9																										0	
10																										0	
11																										0	
12																										0	
13																										0	
14																										0	
15																										0	
16																										0	
17																										0	
18																										0	
19																										0	
20																										0	
21																										0	
22																										0	
23																										0	
24																										0	
25																										0	
26																										0	
27																										0	
28																										0	
29																										0	
30																										0	
31																										0	
NO.:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
MAX:	24.	27.	21.	17.	19.	19.	16.	18.	15.	16.	15.	20.	18.	19.	9.	7.	5.										
AVG:	24.0	27.0	21.0	17.0	19.0	19.0	16.0	18.0	15.0	16.0	15.0	20.0	18.0	19.0	9.0	7.0	5.0										

MONTHLY OBSERVATIONS: 17 MONTHLY MEAN: 16.8 MONTHLY MAX: 27.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-051-0009 POC: 3
 COUNTY: (051) Cumberland STATE: (37) North Carolina
 CITY: (22920) Fayetteville AQCR: (169) SANDHILLS
 SITE ADDRESS: 4533 RAEFORD RD URBANIZED AREA: (2560) FAYETTEVILLE, NC
 SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric s) LAND USE: RESIDENTIAL
 MONITOR COMMENTS: LOCATION SETTING: URBAN AND CENTER CITY

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

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

REPORT FOR: JANUARY 2017

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A

UNITS: Micrograms/cubic meter (25 C)

PQAO: (0776) North Carolina Dept Of Environmental Quality

MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM					
1	9	7	8	6	9	10	14	11	7	8	9	9	13	13	10	8	7	8	14	19	8	10	12	9	24	19.					
2	8	7	4	5	7	7	4	1	1	1	0	1	1	3	2	3	5	7	8	6	6	2	3	4	24	8.					
3	4	5	5	4	3	1	-1	1	5	4	2	1	-1	0	0	6	8	10	9	7	7	9	6	24	10.						
4	10	6	8	9	11	8	6	10	9	8	9	7	8	2	-2	1	2	7	6	3	5	5	2	1	24	11.					
5	4	4	3	6	4	4	9	7	12	7	5	4	6	4	10	6	7	11	13	41	18	16	14	17	24	41.					
6	12	8	14	12	11	16	13	11	16	14	14	10	9	9	13	8	13	10	7	4	12	9	7	5	24	16.					
7	2	3	2	1	0	0	2	2	8	8	6	6	5	4	7	7	7	8	11	9	7	14	11	12	24	14.					
8	11	10	9	6	11	6	10	6	12	6	10	6	8	6	8	7	8	9	11	12	17	9	16	29	34	34.					
9	19	11	12	6	12	6	12	6	11	6	8	6	9	6	6	11	12	6	7	8	8	6	8	10	14	17	14	16	18	24	19.
10	15	19	12	9	17	12	15	13	18	18	8	10	11	11	8	5	9	7	15	14	10	9	5	3	24	19.					
11	3	3	5	9	8	9	10	6	11	8	7	8	6	4	3	AX	BA	8	13	11	9	5	2	0	22	13.					
12	0	4	2	0	0	2	2	0	5	4	3	4	4	5	7	6	7	6	10	9	12	9	13	11	24	13.					
13	7	5	9	32	8	9	9	13	12	19	8	16	12	20	34	27	24	20	20	21	21	11	14	7	24	34.					
14	4	5	12	8	6	2	4	8	8	7	7	12	12	9	12	11	12	14	14	16	16	21	24	32	24	32.					
15	26	27	29	26	23	23	21	23	22	21	20	16	17	17	10	10	8	7	11	9	13	11	9	15	24	29.					
16	13	14	10	10	11	9	11	13	18	16	15	15	9	10	13	11	21	21	22	21	22	21	22	26	24	26.					
17	26	27	23	25	25	22	26	37	27	20	16	12	8	11	8	15	11	10	18	17	14	13	9	7	24	37.					
18	8	10	15	12	17	15	13	10	14	11	13	12	10	7	5	6	11	8	9	14	19	5	14	10	24	19.					
19	8	5	1	9	8	6	7	15	6	4	12	9	9	5	6	5	4	8	15	19	24	21	9	16	24	24.					
20	19	17	16	13	16	12	10	9	7	6	6	7	11	12	8	6	9	7	16	15	15	18	14	19	24	19.					
21	19	10	16	19	12	12	9	9	13	11	10	12	18	18	12	13	12	14	12	11	11	15	9	9	24	19.					
22	4	4	4	0	6	7	6	7	5	1	3	3	3	0	0	8	5	3	8	6	6	4	2	0	24	8.					
23	0	0	0	0	-1	1	2	4	6	7	10	5	4	5	4	7	9	6	8	7	12	7	2	2	24	12.					
24	3	3	-1	-3	-1	1	3	4	5	2	0	3	3	0	-1	5	3	3	4	5	8	3	0	5	24	8.					
25	7	8	8	10	11	15	18	21	16	12	9	6	3	3	2	AX	BA	8	11	13	8	10	9	10	22	21.					
26	14	4	14	10	14	13	11	13	13	11	8	5	10	13	17	20	21	9	5	14	8	18	15	10	24	21.					
27	8	7	11	8	9	8	7	9	7	11	7	3	3	3	12	17	13	11	13	7	24	12	8	6	24	24.					
28	6	3	6	6	8	8	8	8	9	6	4	4	6	11	5	0	2	3	8	10	16	13	17	10	24	17.					
29	11	7	9	8	10	7	8	6	6	4	3	4	8	5	6	6	5	5	6	5	7	5	8	7	24	11.					
30	8	5	3	4	4	4	13	8	4	2	2	4	2	3	6	7	12	10	9	11	8	15	8	11	24	15.					
31	10	11	11	14	17	15	18	19	20	13	17	5	22	16	11	20	20	16	21	14	25	20	21	18	24	25.					
NO.:	31	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:	26.	27.	29.	32.	25.	23.	26.	37.	27.	21.	20.	16.	22.	20.	34.	27.	24.	21.	22.	41.	25.	29.	34.	33.							
AVG:	9.6	8.4	9.0	9.5	9.5	8.9	9.7	10.2	10.7	9.0	8.1	7.5	7.9	7.6	7.9	8.8	9.7	9.1	11.7	12.4	13.0	12.0	11.0	10.9							

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 9.7 MONTHLY MAX: 41.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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 s)
 MONITOR COMMENTS:

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: 3

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2017

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	19	23	23	20	17	23	20	19	23	21	20	21	17	17	14	19	16	17	17	21	21	20	30	29	24	30.	
2	29	20	24	19	17	21	25	25	24	24	17	10	11	17	9	14	17	14	16	13	18	9	18	15	24	29.	
3	18	13	11	16	6	6	7	8	7	10	9	12	15	14	10	13	12	13	24	21	16	13	12	7	24	24.	
4	7	4	14	6	5	5	5	3	7	4	4	3	2	2	4	7	9	6	9	15	12	22	22	14	24	22.	
5	23	19	18	14	22	23	17	17	15	13	8	11	12	9	7	9	7	18	17	17	14	24	29	33	24	33.	
6	17IM	30IM	48IM	49IM	47IM	59IM	86IM	119IM	91IM	40IM	15IM	11IM	16IM	20IM	11IM	9IM	8IM	17IM	18IM	13IM	15IM	21IM	23IM	17IM	24	119.	
7	20	20	13	14	22	15	18	26	18	AX	BA	21	20	17	20	16	13	18	15	22	20	14	15	10	22	26.	
8	8	9	7	15	14	12	15	14	16	7	6	8	7	8	7	8	6	12	9	9	19	16	17	10	24	19.	
9	10	11	15	6	5	3	3	4	8	6	7	4	1	3	6	9	10	7	10	10	17	5	5	9	24	17.	
10	8	5	5	3	4	4	3	5	10	6	2	4	6	5	5	14	9	12	11	10	7	9	12	9	24	14.	
11	8	8	10	9	9	7	9	7	6	10	16	11	16	12	17	14	17	11	17	17	26	23	25	26	24	26.	
12	23	19	16	23	24	22	21	22	23	24	20	19	17	16	21	16	19	15	14	16	14	21	18	25	24	25.	
13	18	9	8	16	9	6	2	2	4	4	8	6	3	5	3	12	11	6	16	5	18	19	15	19	24	19.	
14	30	43	41	31	27	15	5	6	8	14	10	9	10	11	13	17	16	15	23	32	21	15	17	18	24	43.	
15	24	22	24	22	23	19	18	20	28	18	1	12	7	4	6	7	3	7	8	8	10	5	5	6	24	28.	
16	7	6	9	21	10	5	6	7	6	5	4	6	5	3	0	1	6	5	5	6	6	8	9	16	24	21.	
17	6	5	9	10	11	10	13	9	6	6	5	2	3	7	6	7	10	5	9	7	8	19	18	22	24	22.	
18	19	7	14	5	12	21	20	18	18	22	11	20	21	15	13	15	16	17	21	22	26	30	15	17	24	30.	
19	15	13	19	12	12	12	13	12	18	14	7	5	7	9	12	13	9	9	13	19	22	29	30	24	24	30.	
20	22	22	15	20	17	18	17	17	14	16	14	18	16	10	9	13	18	14	8	18	19	24	27	22	24	27.	
21	17	16	18	17	11	13	11	12	23	21	20	20	14	13	17	12	12	22	20	24	26	36	39	22	24	39.	
22	24	22	24	27	20	13	21	18	21	19	16	AZ	BA	10	11	13	15	19	23	18	12	9	14	18	22	27.	
23	16	21	16	16	10	12	13	20	16	19	14	17	12	12	9	13	15	10	13	10	7	7	10	12	24	21.	
24	11	11	13	17	9	9	15	18	14	11	9	15	14	8	8	12	17	12	16	16	16	13	19	16	24	19.	
25	18	18	19	16	19	18	18	9	4	7	10	20	9	11	11	13	22	16	23	15	15	3	5	6	24	23.	
26	9	10	10	6	6	4	4	6	4	9	7	6	5	5	8	7	6	5	9	6	14	11	19	22	24	22.	
27	21	24	19	21	23	13	12	12	14	11	9	9	8	7	15	11	8	13	15	16	15	7	8	8	24	24.	
28	11	7	11	10	15	12	11	16	10	13	15	10	9	14	23	92	14	16	22	21	16	21	22	24	24	92.	
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	28	28	
MAX:	30.	43.	48.	49.	47.	59.	86.	119.	91.	40.	20.	21.	21.	20.	23.	92.	22.	22.	24.	32.	26.	36.	39.	33.			
AVG:	16.4	15.6	16.9	16.5	15.2	14.3	15.3	16.8	16.3	13.9	10.5	11.5	10.5	10.1	10.4	14.5	12.3	12.5	14.9	15.0	16.0	15.9	17.8	17.2			

MONTHLY OBSERVATIONS: 668 MONTHLY MEAN: 14.4 MONTHLY MAX: 119.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-051-0009 POC: 3
 COUNTY: (051) Cumberland STATE: (37) North Carolina
 CITY: (22920) Fayetteville AQCR: (169) SANDHILLS
 SITE ADDRESS: 4533 RAEFORD RD URBANIZED AREA: (2560) FAYETTEVILLE, NC
 SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric s) LAND USE: RESIDENTIAL
 MONITOR COMMENTS: LOCATION SETTING: URBAN AND CENTER CITY

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

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

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

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	28	16	14	15	8	16	11	14	16	15	25	22	41	28	20	19	23	15	21	21	23	24	29	0	24	41.		
2	3	6	11	10	11	9	7	7	9	5	5	5	3	5	3	5	6	7	8	4	5	13	24	13	24	24.		
3	7	6	6	5	3	4	5	5	10	9	7	7	6	16	10	10	5	15	5	7	6	7	6	5	24	16.		
4	6	6	4	8	7	9	12	8	10	9	6	4	2	4	5	8	8	9	12	15	16	23	20	28	24	28.		
5	29	31	23	27	17	23	17	3	9	7	7	10	8	6	8	9	10	13	16	13	18	19	15	12	24	31.		
6	9	7	9	11	10	14	18	14	14	8	11	13	23	34	19	15	17	31	24	31	28	18	29	11	24	34.		
7	11	14	12	19	16	12	13	16	19	27	21	18	16	16	17	7	15	19	20	17	14	20	19	11	24	27.		
8	9	10	10	12	11	10	12	9	8	6	2	5	8	9	12	9	5	13	19	14	14	14	14	17	22	24	22.	
9	16	12	17	14	13	11	16	15	12	12	10	11	11	12	21	AX	BA	4	17	21	13	12	15	14	22	21.		
10	17	11	12	21	18	23	17	27	25	19	19	14	35	13	13	16	5	7	6	6	4	2	6	5	24	35.		
11	4	3	1	1	4	5	9	11	8	8	9	5	5	4	5	3	2	16	13	10	16	24	13	24	24.			
12	13	13	18	6	9	6	5	8	5	0	2	5	7	5	12	7	8	6	5	10	8	14	12	15	24	18.		
13	24	18	17	10	13	12	11	7	8	11	13	7	8	9	17	7	14	7	15	6	6	8	4	0	24	24.		
14	2	2	0	2	3	1	0	1	8	5	3	33	7	6	3	5	5	4	5	5	8	11	7	3	24	33.		
15	4	3	4	8	7	6	4	9	12	9	6	10	11	7	8	8	7	4	7	6	6	7	5	4	24	12.		
16	7	6	5	7	4	7	6	4	4	13	9	10	8	10	14	6	10	15	10	14	14	14	17	13	24	17.		
17	14	19	18	16	19	24	25	32	19	13	16	9	8	8	10	9	13	12	18	17	21	8	18	12	24	32.		
18	16	17	11	19	16	13	11	15	20	15	18	23	25	25	19	27	22	26	23	29	16	13	13	10	24	29.		
19	9	7	5	4	6	3	1	3	4	4	2	0	0	2	3	1	1	0	1	7	9	6	7	12	24	12.		
20	9	12	11	10	8	7	6	14	7	9	9	4	1	6	14	19	24	14	8	11	16	20	16	16	24	24.		
21	11	18	15	21	17	14	16	16	16	27	33	25	26	29	29	29	30	39	32	37	33	31	43	12	24	43.		
22	15	12	14	19	9	7	13	12	10	13	12	7	4	8	AX	BA	11	11	9	9	5	8	7	11	22	19.		
23	6	7	7	12	9	9	10	10	11	15	12	15	10	14	11	12	10	11	15	12	14	13	14	12	24	15.		
24	11	11	14	15	17	16	19	26	14	27	15	8	12	17	11	17	16	15	19	19	14	13	10	7	24	27.		
25	11	9	10	8	9	12	13	14	16	20	15	8	9	10	16	13	21	15	16	14	14	14	12	9	24	21.		
26	12	9	8	12	11	20	11	9	10	13	10	10	8	4	3	7	6	12	8	7	7	5	8	6	24	20.		
27	7	6	7	5	5	6	11	8	8	15	10	16	16	17	12	10	10	18	19	15	13	8	13	11	24	19.		
28	11	9	9	11	9	12	8	6	11	8	5	5	16	11	18	13	21	14	14	8	14	13	12	8	24	21.		
29	8	7	13	7	6	7	7	12	16	7	7	10	14	9	9	9	17	17	10	17	14	15	13	12	24	17.		
30	11	15	17	11	12	12	21	17	15	19	23	17	22	13	11	17	16	18	14	16	10	15	14	6	17	6	24	23.
31	10	8	10	7	10	10	6	2	5	10	10	12	10	8	7	8	9	10	7	8	7	5	2	2	24	12.		
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	31	30	29	30	31	31	31	31	31	31	31	31	31		
MAX:	29.	31.	23.	27.	19.	24.	25.	32.	25.	27.	33.	33.	41.	34.	29.	29.	30.	39.	32.	37.	33.	31.	43.	28.				
AVG:	11.3	10.6	10.7	11.4	10.2	11.0	11.0	11.4	11.6	12.2	11.4	11.2	12.3	11.8	12.0	11.3	12.3	13.0	13.5	13.8	12.9	13.2	14.5	10.5				

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 11.9 MONTHLY MAX: 43.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-051-0009 POC: 3
 COUNTY: (051) Cumberland STATE: (37) North Carolina
 CITY: (22920) Fayetteville AQCR: (169) SANDHILLS
 SITE ADDRESS: 4533 RAEFORD RD URBANIZED AREA: (2560) FAYETTEVILLE, NC
 SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric s) LAND USE: RESIDENTIAL
 MONITOR COMMENTS: LOCATION SETTING: URBAN AND CENTER CITY

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

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

REPORT FOR: APRIL 2017

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A

UNITS: Micrograms/cubic meter (25 C)

PQAO: (0776) North Carolina Dept Of Environmental Quality

MIN DETECTABLE: 4

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	1	4	3	1	0	2	3	0	0	2	1	0	-2	93	2	6	5	4	9	7	11	7	7	24	93.	
2	4	2	2	5	5	4	5	3	6	6	5	4	2	6	5	3	5	4	7	10	14	11	9	10	24	14.	
3	12	8	6	5	7	5	5	10	10	7	12	10	11	10	13	18	18	11	6	0	3	6	5	7	24	18.	
4	6	5	11	12	11	13	14	8	AX	BA	BA	7	26	9	9	14	11	11	21	14	10	13	12	13	21	26.	
5	16	13	13	14	18	15	9	15	18	16	13	14	22	17	25	22	15	7	11	8	11	11	11	9	24	25.	
6	8	6	4	2	5	7	3	0	1	12	13	14	54	8	6	7	8	5	6	4	2	0	1	1	24	54.	
7	0	-1	0	0	0	1	3	2	3	5	3	3	3	5	5	6	1	2	4	5	4	4	3	7	24	7.	
8	6	4	3	3	5	7	7	4	1	1	2	1	0	2	3	2	2	3	6	8	12	22	22	31	24	31.	
9	28	38	38	27	29	22	22	17	8	7	5	5	5	5	5	5	4	4	3	8	8	11	9	7	24	38.	
10	6	5	4	6	18	8	13	10	7	5	3	1	2	12	7	5	8	5	4	14	9	7	3	1	24	18.	
11	0	4	3	1	3	5	4	5	9	7	12	BA	BA	11	14	12	11	14	8	10	9	7	5	8	22	14.	
12	7	5	8	8	9	6	6	10	11	12	8	16	9	9	15	17	18	15	18	19	16	11	19	12	24	19.	
13	12	11	9	14	15	10	9	22	18	23	24	38	62	28	22	18	21	19	13	14	14	12	16	8	24	62.	
14	20	13	10	8	9	9	7	11	15	17	18	20	15	11	13	15	21	19	18	19	18	14	15	11	24	21.	
15	12	7	7	9	7	17	10	12	17	10	18	13	20	13	14	11	14	16	18	15	20	19	14	12	24	20.	
16	15	10	17	22	15	16	18	18	12	17	8	14	10	13	18	15	20	14	18	21	24	20	18	15	24	24.	
17	10	13	20	13	16	17	18	18	25	18	AX	BA	19	14	30	18	21	11	27	29	6	13	19	8	22	30.	
18	5	11	15	14	11	11	10	8	5	BA	BA	BA	BA	11	12	15	19	11	12	10	13	20	12	10	20	20.	
19	10	11	10	10	6	11	9	10	16	12	18	23	20	24	23	23	19	20	21	14	17	13	10	9	24	24.	
20	10	12	8	8	12	10	9	16	15	17	14	13	23	14	19	18	23	26	24	23	27	28	27	21	24	28.	
21	24	20	19	17	15	14	11	15	9	14	16	20	18	20	16	24	24	23	23	26	19	21	20	19	24	26.	
22	17	13	12	14	14	10	8	10	10	9	17	20	22	26	26	15	23	24	23	19	24	12	6	12	24	26.	
23	8	8	5	5	3	4	3	7	8	7	6	8	7	2	8	7	7	4	7	5	4	4	4	4	24	8.	
24	4	3	0	3	3	1	3	3	3	2	0	0	4	2	0	-2	0	0	0	0	-1	2	0	0	24	4.	
25	1	2	0	0	1	0	0	5	3	6	3	2	3	3	3	2	4	3	3	4	6	3	1	4	24	6.	
26	11	6	5	4	9	6	5	3	0	5	7	8	14	14	14	17	10	11	11	12	20	20	10	16	24	20.	
27	19	12	11	10	16	21	10	13	17	20	19	8	11	15	14	12	18	11	20	11	14	22	13	13	24	22.	
28	15	8	13	11	11	17	15	15	19	24	37	50	19	28	26	11	19	17	17	22	55	26	22	16	24	55.	
29	14	21	24	21	21	18	22	15	25	15	18	12	13	20	15	18	19	17	23	17	21	8	7	15	24	25.	
30	13	31	14	12	11	9	19	11	7	12	9	9	7	7	8	17	12	8	10	16	16	10	11	14	24	31.	
31																										0	
NO.:	30	30	30	30	30	30	30	30	29	28	27	27	28	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	28.	38.	38.	27.	29.	22.	22.	22.	25.	24.	37.	50.	62.	28.	93.	24.	24.	26.	27.	29.	55.	28.	27.	31.			
AVG:	10.5	10.1	9.8	9.4	10.2	9.8	9.3	10.0	10.3	10.9	11.5	12.4	15.0	11.9	16.0	12.2	13.4	11.3	12.9	12.9	14.1	12.7	11.0	10.7			

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: 11.6 MONTHLY MAX: 93.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-051-0009 POC: 3
 COUNTY: (051) Cumberland STATE: (37) North Carolina
 CITY: (22920) Fayetteville AQCR: (169) SANDHILLS
 SITE ADDRESS: 4533 RAEFORD RD URBANIZED AREA: (2560) FAYETTEVILLE, NC
 SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric s) LAND USE: RESIDENTIAL
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CAS NUMBER:
 LATITUDE: 35.041416
 LONGITUDE: -78.953112
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 63
 PROBE HEIGHT: 3

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

REPORT FOR: MAY 2017

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A

UNITS: Micrograms/cubic meter (25 C)

PQAO: (0776) North Carolina Dept Of Environmental Quality

MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM								
1	10	16	10	10	16	13	12	19	15	17	11	16	19	15	14	14	20	18	15	15	10	10	5	24	20.									
2	3	5	8	8	10	13	15	8	9	10	9	7	11	12	9	9	23	15	7	6	6	8	6	7	24	23.								
3	9	10	5	10	7	5	8	9	12	8	7	AX	BA	10	7	9	8	6	7	10	23	18	16	10	22	23.								
4	15	12	9	11	12	9	18	16	13	9	13	12	15	10	10	7	12	9	17	6	12	12	12	8	24	18.								
5	5	6	10	7	4	12	11	8	12	7	12	7	7	6	7	12	10	6	11	6	3	3	4	4	24	12.								
6	3	12	6	6	6	6	6	3	6	7	6	5	6	2	6	3	6	2	6	4	6	7	6	5	6	24	16.							
7	4	6	2	6	4	6	5	6	11	6	8	6	3	6	4	6	9	10	6	7	7	13	9	6	11	6	24	13.						
8	10	6	9	6	8	6	5	6	4	6	7	6	6	6	9	6	7	9	10	8	14	13	7	6	12	10	6	24	16.					
9	13	6	13	6	8	6	8	6	10	6	12	6	10	6	7	6	8	6	7	6	9	6	9	6	12	6	13	6	24	22.				
10	13	6	10	6	6	6	9	6	12	6	11	6	10	6	12	6	11	15	BA	BA	27	23	23	28	34	32	34	27	28	31	33	28	22	34.
11	28	24	23	26	24	18	20	31	29	22	24	25	23	23	13	30	30	21	24	21	18	23	23	17	24	31.								
12	14	14	11	6	6	5	11	7	6	5	2	5	16	21	14	13	10	11	8	7	11	12	8	6	24	21.								
13	8	8	4	0	0	1	1	0	2	6	7	5	4	4	4	3	5	6	8	5	5	5	6	7	24	8.								
14	9	8	4	6	7	7	6	8	9	13	13	12	33	12	12	17	17	16	12	15	7	13	12	8	24	33.								
15	15	10	12	19	15	10	14	16	22	23	22	17	20	21	22	29	29	22	32	39	28	25	22	27	24	39.								
16	28	27	26	26	26	21	21	21	30	25	29	23	22	25	23	63	37	33	26	23	28	24	24	31	24	63.								
17	21	18	23	20	18	19	10	20	15	16	AZ	BA	18	24	18	18	21	24	38	22	15	21	15	10	22	38.								
18	15	18	13	14	16	17	18	21	22	25	26	27	24	20	24	21	28	20	24	20	23	22	14	15	24	28.								
19	12	12	12	9	5	20	20	10	19	19	14	20	18	20	15	23	17	20	19	22	24	15	22	22	24	24.								
20	25	16	24	25	14	19	15	21	18	27	26	23	21	23	17	17	16	19	24	28	24	30	26	22	24	30.								
21	29	30	37	22	16	18	12	11	7	8	12	15	14	16	19	21	27	17	23	18	14	12	11	14	24	37.								
22	16	12	14	14	9	11	8	10	14	20	15	18	7	8	8	7	15	19	13	9	4	2	2	11	24	20.								
23	10	7	9	13	9	12	6	0	-2	2	3	0	6	8	6	8	6	4	1	3	8	8	7	6	24	13.								
24	7	5	12	5	15	10	8	6	5	4	6	15	7	9	10	12	11	11	10	20	12	20	4	0	24	20.								
25	0	9	10	15	9	8	4	7	9	6	9	6	7	10	9	8	7	12	8	10	11	13	10	6	24	15.								
26	6	7	7	7	6	5	7	9	9	11	8	14	16	7	5	19	7	15	14	21	17	12	18	15	24	21.								
27	13	11	10	8	10	16	11	13	12	20	14	17	14	22	16	17	21	19	17	24	29	16	24	23	24	29.								
28	21	23	16	19	21	20	20	20	20	25	10	9	8	6	17	8	8	10	14	14	14	11	18	14	24	25.								
29	16	18	20	12	9	11	8	6	6	5	7	8	10	9	10	12	11	8	12	24	16	9	6	3	24	24.								
30	5	7	6	7	7	7	15	14	9	9	8	18	11	6	7	9	7	8	12	11	13	14	15	11	24	18.								
31	11	10	14	10	7	11	10	13	11	8	7	10	12	25	14	18	8	12	17	12	20	23	15	20	24	25.								
NO.:	31	31	31	31	31	31	31	31	31	31	29	28	30	31	31	31	31	31	31	31	31	31	31	31	31	31								
MAX:	29.	30.	37.	26.	26.	21.	21.	31.	30.	27.	29.	27.	33.	25.	24.	63.	37.	33.	38.	39.	29.	31.	33.	31.	31.									
AVG:	12.7	12.5	12.3	11.6	10.9	11.8	11.2	11.7	11.8	12.5	11.6	12.6	14.1	13.7	12.5	15.6	14.9	14.8	16.4	15.5	15.0	14.9	13.6	12.4										

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 13.2 MONTHLY MAX: 63.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-051-0009 POC: 3
 COUNTY: (051) Cumberland STATE: (37) North Carolina
 CITY: (22920) Fayetteville AQCR: (169) SANDHILLS
 SITE ADDRESS: 4533 RAEFORD RD URBANIZED AREA: (2560) FAYETTEVILLE, NC
 SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric s) LAND USE: RESIDENTIAL
 MONITOR COMMENTS: LOCATION SETTING: URBAN AND CENTER CITY

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

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

REPORT FOR: JUNE 2017

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A

UNITS: Micrograms/cubic meter (25 C)

PQAO: (0776) North Carolina Dept Of Environmental Quality

MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	19	25	21	26	27	20	37	0	35	23	21	20	23	10	AX	BA	14	12	16	15	13	13	18	19	22	37	
2	19	17	16	18	19	23	22	20	42	35	18	13	8	12	9	15	13	14	14	14	14	15	18	16	24	42	
3	19	16	23	23	24	21	23	18	15	20	17	15	16	16	17	21	18	19	17	16	15	12	8	19	24	24	
4	15	15	14	18	17	17	18	15	14	15	15	15	18	12	16	12	17	16	10	8	8	7	7	9	24	18	
5	6	4	6	8	7	11	10	10	8	9	6	8	13	9	5	8	7	6	9	4	4	3	2	2	24	13	
6	6	7	7	5	2	3	5	4	6	5	6	15	15	12	12	20	15	15	15	15	18	15	14	16	24	20	
7	11	13	12	15	12	11	9	10	9	6	8	16	11	9	12	12	9	16	13	10	10	6	5	7	24	16	
8	7	6	2	2	4	3	6	5	6	4	7	4	6	6	6	5	6	8	4	1	5	9	7	24	9		
9	4	9	11	9	6	9	11	8	5	9	11	11	10	8	7	9	7	11	10	11	12	12	14	12	24	14	
10	10	11	9	9	9	7	10	11	9	16	13	10	12	12	15	16	12	16	15	15	13	8	4	7	24	16	
11	6	6	5	3	5	6	10	7	10	7	6	9	8	10	12	9	12	12	15	10	11	12	13	10	24	15	
12	10	10	6	7	9	8	12	12	14	17	15	12	11	10	13	18	20	22	22	22	22	15	12	12	24	22	
13	13	9	9	9	10	12	12	13	11	13	16	23	19	17	16	20	17	20	21	21	22	23	25	24	24	25	
14	21	18	19	14	13	12	11	11	15	11	17	14	17	15	28	17	19	9	7	10	9	10	11	10	24	28	
15	7	9	7	14	10	13	10	13	18	AX	BA	21	26	24	7	16	10	13	10	6	4	6	9	7	22	26	
16	6	6	7	6	8	9	11	14	12	8	6	7	7	8	13	9	10	9	7	3	2	4	7	6	24	14	
17	7	6	5	7	10	9	8	10	13	12	12	12	8	6	8	9	7	3	3	5	6	8	10	9	24	13	
18	13	13	9	14	11	10	10	9	9	13	9	10	14	11	7	3	8	7	11	8	9	7	8	9	24	14	
19	6	8	13	13	8	14	18	19	15	13	13	15	12	10	8	4	3	5	6	9	13	20	21	18	24	21	
20	22	26	19	21	13	7	3	3	0	-1	2	4	6	6	4	4	11	8	11	7	3	5	8	7	24	26	
21	6	5	5	8	4	0	4	4	2	0	3	2	2	2	2	5	5	4	4	2	1	4	6	4	24	8	
22	9	10	8	7	9	13	13	15	11	11	12	12	15	12	8	9	7	6	5	8	11	11	11	12	24	15	
23	12	13	19	20	21	19	19	12	17	20	28	27	34	34	36	38	40	42	36	36	32	14	16	16	24	42	
24	10	12	11	10	11	9	11	13	14	10	10	8	7	7	8	7	3	0	0	0	1	3	7	5	24	14	
25	8	6	14	14	11	15	12	9	7	8	8	7	6	6	5	8	9	10	9	14	9	10	11	11	24	15	
26	11	10	9	6	12	11	14	8	11	9	12	9	10	10	12	14	13	12	15	12	17	17	17	15	24	17	
27	19	15	18	21	22	25	29	BA	BA	17	17	8	12	8	15	20	13	11	9	9	14	11	9	12	22	29	
28	12	10	14	14	11	12	9	11	16	8	9	6	5	6	8	11	7	9	8	15	9	15	10	11	24	16	
29	11	13	12	10	10	10	9	11	14	16	7	8	19	13	11	12	13	8	13	16	16	16	11	14	24	19	
30	10	13	8	7	9	11	15	36	12	13	7	1	1	0	0	0	-1	0	0	0	0	4	4	2	24	36	
31																										0	
NO.:	30	30	30	30	30	30	30	29	29	29	29	30	30	30	29	29	30	30	30	30	30	30	30	30	30		
MAX:	22.	26.	23.	26.	27.	25.	37.	36.	42.	35.	28.	27.	34.	34.	36.	38.	40.	42.	36.	36.	32.	23.	25.	24.			
AVG:	11.2	11.4	11.3	11.9	11.5	11.7	13.0	11.4	12.8	12.0	11.4	11.4	12.4	10.7	11.0	12.1	11.4	11.4	11.3	10.8	10.6	10.4	10.8	10.9			

MONTHLY OBSERVATIONS: 714 MONTHLY MEAN: 11.4 MONTHLY MAX: 42.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-051-0009 POC: 3
 COUNTY: (051) Cumberland STATE: (37) North Carolina
 CITY: (22920) Fayetteville AQCR: (169) SANDHILLS
 SITE ADDRESS: 4533 RAEFORD RD URBANIZED AREA: (2560) FAYETTEVILLE, NC
 SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric s) LAND USE: RESIDENTIAL
 MONITOR COMMENTS: LOCATION SETTING: URBAN AND CENTER CITY

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

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

REPORT FOR: JULY 2017

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A

UNITS: Micrograms/cubic meter (25 C)

PQAO: (0776) North Carolina Dept Of Environmental Quality

MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	3	3	3	3	8	8	10	6	6	7	7	7	8	8	7	11	11	9	12	7	4	11	13	17	24	17.	
2	12	10	10	13	11	12	10	9	7	9	8	7	7	9	8	9	7	11	6	9	9	11	18	19	24	19.	
3	15	15	16	15	13	17	13	11	14	20	12	13	17	12	10	5	1	1	10	9	11	16	14	20	24	20.	
4	8	12	12	10	13	13	12	10	8	16	14	13	14	10	14	11	14	12	13	19	35	69	75	35	24	75.	
5	28	25	23	22	22	15	20	17	16	14	16	14	15	9	8	7	10	9	15	12	15	13	12	9	24	28.	
6	11	9	8	6	7	8	8	12	8	9	18	20	25	28	22	19	20	16	21	22	12	11	19	16	24	28.	
7	14	13	12	12	10	8	11	16	AX	BA	13	41	11	9	10	9	7	12	10	14	10	11	11	12	22	41.	
8	12	12	12	13	14	15	9	AN	12	12	10	10	8	9	9	9	9	13	14	15	6	8	10	9	23	15.	
9	9	12	9	11	9	7	6	8	10	7	7	9	8	11	11	7	9	11	10	6	7	5	6	5	24	12.	
10	6	6	3	1	1	4	3	8	5	5	7	8	10	13	8	8	6	3	2	1	2	2	3	3	24	13.	
11	6	4	8	9	11	14	16	10	10	10	7	8	6	7	10	10	10	12	10	6	5	6	8	9	24	16.	
12	7	8	9	9	9	9	8	13	10	11	8	10	7	7	10	9	12	9	7	11	14	11	10	9	24	14.	
13	10	11	10	10	10	12	14	16	16	17	26	37	13	15	14	15	10	7	12	17	12	11	9	8	24	37.	
14	7	6	5	4	5	5	6	6	6	9	13	11	11	16	19	16	11	17	13	18	12	10	7	10	24	19.	
15	11	15	9	13	8	9	11	10	10	11	14	11	9	9	0	6	8	7	6	5	6	6	7	8	24	15.	
16	11	10	9	10	14	8	14	12	9	14	11	11	12	11	10	8	7	4	3	5	4	6	8	6	24	14.	
17	5	4	4	7	6	9	9	9	5	6	6	2	4	8	6	5	4	3	6	4	1	4	6	5	24	9.	
18	5	6	6	6	7	4	10	8	6	5	2	1	1	4	3	2	6	3	9	6	2	2	3	5	24	10.	
19	3	2	6	2	6	12	9	10	12	8	7	5	6	8	10	14	18	14	14	10	12	11	6	4	24	18.	
20	6	8	13	8	9	14	13	11	11	15	17	15	AX	BA	17	17	15	15	20	13	20	17	18	9	22	20.	
21	9	9	14	15	13	16	16	17	18	18	17	26	24	AV	33	20	11	9	7	7	10	19	11	18	23	33.	
22	19	20	16	12	12	11	10	11	14	14	16	15	13	13	12	13	14	12	14	14	15	16	17	12	24	20.	
23	16	6	11	14	8	15	10	13	16	27	15	17	18	18	17	14	12	10	7	0	0	2	9	27	24	27.	
24	6	8	7	8	10	11	8	7	8	11	7	16	10	9	11	10	10	13	14	15	15	16	11	9	24	16.	
25	6	5	4	5	7	10	15	14	17	16	17	15	12	18	16	17	16	17	18	19	20	19	17	15	24	20.	
26	16	14	13	15	8	9	7	13	12	14	17	15	15	18	19	17	20	16	19	20	18	15	12	16	24	20.	
27	10	15	8	9	9	10	18	12	12	11	15	14	15	15	11	15	16	19	12	15	17	10	8	10	24	19.	
28	14	13	14	9	14	17	13	24	18	22	25	18	20	16	20	20	16	20	23	24	15	23	18	21	24	25.	
29	17	21	18	21	28	22	19	17	10	8	9	5	6	6	5	5	7	7	4	8	6	7	6	6	24	28.	
30	5	7	8	5	7	4	5	9	5	8	9	12	9	6	2	4	7	8	6	7	9	12	10	7	24	12.	
31	4	6	7	7	6	8	7	10	9	12	9	9	10	10	16	12	9	10	7	14	9	11	10	9	24	16.	
NO.:	31	31	31	31	31	31	31	30	30	30	31	31	30	29	31	31	31	31	31	31	31	31	31	31	31		
MAX:	28.	25.	23.	22.	28.	22.	20.	24.	18.	27.	26.	41.	25.	28.	33.	20.	20.	20.	23.	24.	35.	69.	75.	35.			
AVG:	10.0	10.2	9.9	9.8	10.2	10.8	11.0	11.6	10.7	12.2	12.3	13.4	11.5	11.4	11.9	11.1	10.7	10.6	11.1	11.4	10.7	12.6	12.6	11.9			

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 11.2 MONTHLY MAX: 75.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-051-0009 POC: 3
 COUNTY: (051) Cumberland STATE: (37) North Carolina
 CITY: (22920) Fayetteville AQCR: (169) SANDHILLS
 SITE ADDRESS: 4533 RAEFORD RD URBANIZED AREA: (2560) FAYETTEVILLE, NC
 SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric s) LAND USE: RESIDENTIAL
 MONITOR COMMENTS: LOCATION SETTING: URBAN AND CENTER CITY

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

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

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	13	9	8	10	10	10	9	7	10	14	6	12	10	10	12	9	6	8	14	18	17	16	15	13	24	18.
2	13	10	11	11	10	10	12	14	8	6	13	10	15	14	15	25	17	23	AJ	23	22	23	19	23	23	25.
3	19	19	16	10	13	14	17	16	18	15	18	12	16	19	AZ	BA	13	12	10	11	12	15	14	6	22	19.
4	11	6	5	4	2	17	6	9	12	14	8	12	11	8	23	11	9	11	13	9	5	8	6	5	24	23.
5	8	4	3	2	3	4	4	4	6	7	6	8	7	9	10	7	9	8	15	13	11	11	9	12	24	15.
6	16	12	12	11	9	8	12	12	11	9	8	8	9	9	11	16	14	16	13	17	12	12	11	9	24	17.
7	8	9	8	11	11	9	10	5	6	21	20	18	24	33	22	25	26	22	4	10	8	8	11	11	24	33.
8	14	11	13	16	19	15	13	12	17	12	7	4	2	4	6	8	6	8	8	6	7	8	8	5	24	19.
9	9	12	14	12	9	11	18	10	14	14	8	6	8	9	13	15	10	8	14	15	12	14	16	13	24	18.
10	14	17	16	14	13	10	12	10	12	9	7	7	8	8	6	9	12	9	10	5	2	1	3	3	24	17.
11	3	3	2	5	6	5	3	4	3	5	7	8	8	7	6	6	10	7	5	3	6	5	6	7	24	10.
12	9	8	8	6	4	1	1	0	0	3	3	5	5	5	5	6	7	8	8	6	3	0	0	0	24	9.
13	0	0	1	7	8	9	21	14	11	12	11	11	13	8	11	10	12	16	11	13	15	12	19	12	24	21.
14	16	14	16	19	23	29	25	23	16	18	11	11	8	16	11	13	8	7	7	6	9	7	14	10	24	29.
15	8	8	AJ	16	15	16	13	15	16	18	13	16	17	24	16	14	11	14	12	13	13	12	13	12	23	24.
16	13	10	14	12	11	9	7	10	10	8	7	6	5	7	7	11	13	9	8	13	12	12	14	12	24	14.
17	8	8	10	12	9	14	11	7	AX	BA	12	11	13	15	10	9	7	3	5	5	8	7	6	7	22	15.
18	8	9	9	14	14	10	11	BA	BA	4	0	AJ	2	AJ	3	10	16	0	15	20	22	20	12	11	20	22.
19	16	14	9	9	13	23	16	AJ	AJ	AJ	AJ	AJ	AJ	6	5	2	2	2	0	AJ	AJ	AJ	AJ	AJ	13	23.
20	AJ	AJ	AJ	AJ	AJ	AJ	0	2	2	6	6	11	5	2	4	3	3	7	0	11	5	3	1	4	18	11.
21	5	3	4	4	2	11	11	8	9	7	7	6	6	3	6	2	AJ	4	4	4	AJ	10	3	AJ	21	11.
22	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	2	4	BA	11	14	12	8	8	9	10	7	10	14.
23	9	6	8	7	9	9	9	13	14	16	14	15	16	16	17	19	20	15	11	13	18	18	14	2	24	20.
24	2	3	12	9	6	7	13	10	16	16	21	16	18	13	14	16	13	11	11	9	11	11	13	16	24	21.
25	14	20	19	14	21	20	19	15	21	15	18	0	13	10	16	14	13	16	13	12	16	16	19	16	24	21.
26	16	17	14	17	13	16	14	13	16	17	12	10	10	14	10	12	14	9	15	12	19	14	17	9	24	19.
27	8	13	8	6	11	8	7	5	10	11	7	10	8	11	10	9	11	15	11	13	10	10	7	10	24	15.
28	9	9	6	11	8	10	9	11	15	14	15	16	19	16	21	19	18	15	3	5	10	6	4	4	24	21.
29	5	3	1	0	-1	1	3	2	2	1	0	0	0	1	5	7	0	4	4	3	4	6	5	3	24	7.
30	12	6	3	5	5	5	4	AX	BA	3	2	7	6	5	6	6	11	8	15	9	12	14	9	7	22	15.
31	8	7	7	10	11	10	9	8	13	10	7	11	10	7	6	8	12	15	9	9	5	6	10	8	24	15.
NO.:	29	29	28	29	29	29	30	27	26	28	29	28	29	30	30	29	30	31	30	30	29	30	30	29		
MAX:	19.	20.	19.	19.	23.	29.	25.	23.	21.	21.	21.	18.	24.	33.	23.	25.	26.	23.	15.	23.	22.	23.	19.	23.		
AVG:	10.1	9.3	9.2	9.8	9.9	11.1	10.6	9.6	11.1	10.9	9.4	9.5	10.1	10.4	10.4	11.1	11.2	10.5	9.7	10.4	10.7	10.6	10.3	8.9		

MONTHLY OBSERVATIONS: 698 MONTHLY MEAN: 10.2 MONTHLY MAX: 33.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-051-0009 POC: 3
 COUNTY: (051) Cumberland STATE: (37) North Carolina
 CITY: (22920) Fayetteville AQCR: (169) SANDHILLS
 SITE ADDRESS: 4533 RAEFORD RD URBANIZED AREA: (2560) FAYETTEVILLE, NC
 SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric s) LAND USE: RESIDENTIAL
 MONITOR COMMENTS: LOCATION SETTING: URBAN AND CENTER CITY

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

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

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A

UNITS: Micrograms/cubic meter (25 C)

PQAO: (0776) North Carolina Dept Of Environmental Quality

MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	9	12	11	11	11	15	13	9	25	18	10	11	10	7	10	15	9	14	4	0	-4	AJ	-2	0	23	25.	
2	5	5	4	3	7	11	7	10	17	15	12	10	8	10	11	8	9	9	12	9	10	9	7	7	24	17.	
3	10	12	19	10	14	10	7	5	4	3	1	-1	-1	1	1	4	5	5	10	11	11	16	17	24	19.		
4	15	18	19	14	14	9	10	10	10	12	13	9	12	9	8	10	9	11	11	16	14	18	15	14	24	19.	
5	15	10	14	14	12	9	7	8	11	8	15	46 V	19	11	13	13	11	10	14	13	19	9	5	6	24	46.	
6	7	4	5	7	6	8	8	9	7	AX	BA	13	16	16	5	7	12	8	10	11	10	11	18	12	22	18.	
7	16	15	10	12	13	12	12	10	11	8	11	8	8	9	6	5	7	9	10	9	9	7	8	14	24	16.	
8	21	9	10	7	10	11	9	7	11	6	3	13	8	5	5	5	7	7	9	8	15	9	9	6	24	21.	
9	5	16	14	9	7	10	9	10	10	8	7	8	9	9	7	8	11	10	8	8	12	15	10	7	24	16.	
10	5	6	5	7	6	5	6	3	9	8	6	4	4	4	3	5	6	7	6	3	3	3	8	6	24	9.	
11	7	4	5	5	5	9	5	6	5	6	6	4	7	8	11	7	7	6	3	3	2	3	5	9	24	11.	
12	11	8	4	4	2	5	2	-2	0	0	-1	-1	0	0	4	12	8	10	8	10	9	5	10	9	24	12.	
13	9	9	6	8	11	10	13	8	7	5	4	6	3	2	9	9	9	7	11	12	12	9	6	6	24	13.	
14	7	6	10	10	9	7	10	7	7	5	5	8	11	10	10	15	11	13	12	17	14	15	12	14	24	17.	
15	18	16	16	16	17	14	15	28	24	24	21	17	12	15	15	9	14	12	15	17	18	13	18	13	24	28.	
16	14	19	13	21	19	16	17	16	13	14	13	11	7	5	5	5	5	13	15	19	17	16	16	14	24	21.	
17	16	18	20	16	12	17	11	13	10	8	7	8	5	3	10	6	5	9	9	8	7	10	8	5	24	20.	
18	6	7	6	8	6	10	9	9	9	9	5	38 V	7	7	9	8	7	9	12	12	16	13	8	8	24	38.	
19	14	10	10	10	9	7	12	11	13	22	12	39 V	18	19	13	10	15	8	9	13	15	14	10	11	24	39.	
20	18	14	14	17	12	17	14	14	17	32 V	14	14	16	16	14	24	16	19	19	17	12	12	16	13	24	32.	
21	13	16	13	17	16	15	15	15	25	20	AX	BA	17	9	20	11	16	21	14	10	12	8	7	6	22	25.	
22	10	18	19	12	10	12	11	26	32	18	32	22	17	16	13	17	16	20	23	21	16	24	20	24	24	32.	
23	20	19	21	15	15	16	16	22	23	24	12	10	7	8	8	6	14	12	12	14	18	9	12	17	24	24.	
24	12	13	19	16	13	15	14	9	12	11	7	8	7	7	8	8	7	6	8	10	6	13	10	10	24	19.	
25	11	10	6	9	4	10	11	10	10	11	9	5	4	3	5	7	6	7	6	6	9	8	6	4	24	11.	
26	6	1	0	1	4	3	4	5	4	11	10	12	11	10	10	8	9	10	7	5	3	7	6	9	24	12.	
27	8	6	6	7	6	4	5	12	9	10	15	8	17	8	12	12	8	9	13	10	15	14	13	12	24	17.	
28	13	15	17	13	8	15	14	35	27	23	43	22	28	22	17	20	16	26	29	34	29	27	33	19	24	43.	
29	23	16	8	13	10	9	8	24	61 V	33	29	17	18	52	22	16	21	22	16	17	13	13	14	11	24	61.	
30	14	11	12	11	13	13	10	15	8	14	5	13	11	12	9	11	15	11	8	4	6	5	11	9	24	15.	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	29	28	29	30	30	30	30	30	30	30	30	30	29	30	30			
MAX:	23.	19.	21.	21.	19.	17.	17.	35.	61.	33.	43.	46.	28.	52.	22.	24.	21.	26.	29.	34.	29.	27.	33.	24.			
AVG:	11.9	11.4	11.2	10.8	10.0	10.8	10.1	12.1	14.4	13.3	11.6	13.2	10.5	10.4	9.8	9.9	10.3	11.3	11.3	11.5	11.6	11.4	11.2	10.4			

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 11.3 MONTHLY MAX: 61.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-051-0009 POC: 3
 COUNTY: (051) Cumberland STATE: (37) North Carolina
 CITY: (22920) Fayetteville AQCR: (169) SANDHILLS
 SITE ADDRESS: 4533 RAEFORD RD URBANIZED AREA: (2560) FAYETTEVILLE, NC
 SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric s) LAND USE: RESIDENTIAL
 MONITOR COMMENTS: LOCATION SETTING: URBAN AND CENTER CITY

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

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

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

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	7	6	3	3	3	4	4	7	4	4	4	4	4	5	8	5	6	11	14	11	7	12	9	24	14.	
2	8	8	6	8	9	10	11	7	11	13	10	9	10	14	16	9	10	13	13	18	15	13	12	12	24	18.	
3	10	9	10	8	5	6	6	5	6	8	6	9	12	13	11	12	10	11	16	14	12	9	12	9	24	16.	
4	10	13	9	9	14	8	6	13	10	10	12	11	8	10	16	15	14	17	22	20	23	25	26	22	24	26.	
5	18	20	17	9	13	10	9	16	AX	BA	13	14	9	8	6	10	14	13	13	13	8	9	13	11	22	20.	
6	6	7	7	5	5	7	6	13	23	33	20	7	10	13	12	10	11	10	16	20	19	15	13	10	24	33.	
7	12	14	10	10	10	11	7	8	9	8	8	7	4	4	2	0	1	0	3	6	9	7	7	8	24	14.	
8	9	11	16	11	9	11	11	8	14	9	8	6	3	1	1	2	6	5	8	11	18	12	16	8	24	18.	
9	6	8	9	6	6	4	6	7	3	1	2	3	7	5	3	3	2	3	3	9	9	6	10	13	24	13.	
10	14	12	15	13	10	15	15	15	14	12	13	10	14	10	8	7	14	13	7	4	7	7	6	3	24	15.	
11	6	7	10	11	15	8	10	18	11	13	15	7	7	8	13	12	9	9	8	9	15	12	12	8	24	18.	
12	7	7	11	11	15	13	13	16	11	17	15	17	21	22	21	25	15	15	4	6	5	10	6	2	24	25.	
13	5	5	5	4	6	4	2	15	15	7	3	0	8	8	7	5	4	8	9	7	7	9	8	6	24	15.	
14	7	5	3	4	2	0	1	2	2	0	3	4	6	7	7	6	3	6	6	5	6	6	7	10	24	10.	
15	15	12	7	5	7	8	5	1	2	1	7	13	12	8	8	8	11	11	11	8	18	10	7	3	24	18.	
16	6	8	7	4	10	8	8	8	13	10	6	4	4	2	5	5	4	8	7	7	8	6	5	7	24	13.	
17	7	5	4	0	2	3	1	6	4	0	2	1	2	2	4	17	2	4	6	5	9	9	10	7	24	17.	
18	4	12	8	6	7	8	5	4	7	6	5	9	6	1	1	5	7	9	10	9	7	9	12	7	24	12.	
19	7	9	11	6	11	7	10	10	11	8	4	9	8	10	8	14	15	12	11	16	16	16	14	11	24	16.	
20	15	9	9	9	10	15	11	14	22	AX	BA	BA	13	9	10	9	13	12	13	16	17	18	22	17	21	22.	
21	14	18	18	18	14	10	12	10	15	16	19	20	17	10	14	9	8	12	14	21	23	20	17	15	24	23.	
22	15	16	15	10	14	18	16	19	13	16	15	14	8	11	6	6	7	11	13	10	12	9	5	10	24	19.	
23	10	7	8	8	6	8	7	6	5	9	5	7	10	12	7	5	4	5	4	3	7	5	3	5	24	12.	
24	4	4	6	4	7	6	5	3	2	3	2	0	1	1	2	5	5	7	8	7	8	7	8	10	24	10.	
25	9	9	10	14	10	10	10	8	10	10	BE	BE	3	3	6	8	8	10	8	13	12	24	1	4	22	24.	
26	9	4	4	3	6	8	5	8	11	12	12	13	12	10	8	9	13	8	11	11	12	17	12	17	24	17.	
27	16	14	15	16	11	12	12	12	14	11	14	15	13	11	15	12	13	16	21	20	11	8	10	11	24	21.	
28	8	11	12	10	11	12	10	11	11	10	8	8	4	3	3	5	6	6	7	7	25	-1	0	24	25.		
29	-1	0	4	2	0	9	6	4	6	5	9	9	9	10	11	8	5	4	5	9	6	4	3	2	24	11.	
30	4	5	2	2	3	2	5	3	3	3	2	3	2	5	3	3	5	11	8	8	11	13	11	11	24	13.	
31	6	6	4	7	9	9	9	12	11	8	10	9	12	AX	BA	14	15	12	17	17	19	16	19	34	22	34.	
NO.:	31	31	31	31	31	31	31	31	30	29	29	29	31	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	18.	20.	18.	18.	15.	18.	16.	19.	23.	33.	20.	20.	21.	22.	21.	25.	15.	17.	22.	21.	23.	25.	26.	34.			
AVG:	8.7	9.1	9.0	7.6	8.4	8.5	7.9	9.2	9.9	9.1	8.7	8.3	8.4	7.8	8.0	8.5	8.3	9.3	10.1	11.1	11.8	11.7	10.3	9.7			

MONTHLY OBSERVATIONS: 735 MONTHLY MEAN: 9.1 MONTHLY MAX: 34.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-051-0009 POC: 3
 COUNTY: (051) Cumberland STATE: (37) North Carolina
 CITY: (22920) Fayetteville AQCR: (169) SANDHILLS
 SITE ADDRESS: 4533 RAEFORD RD URBANIZED AREA: (2560) FAYETTEVILLE, NC
 SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric s) LAND USE: RESIDENTIAL
 MONITOR COMMENTS: LOCATION SETTING: URBAN AND CENTER CITY

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

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

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

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	14	13	14	18	11	17	15	15	20	19	21	13	10	7	5	14	11	18	18	12	11	9	11	24	21.	
2	10	8	6	10	10	12	10	12	15	14	10	4	3	2	2	5	4	9	11	11	10	9	13	11	24	15.	
3	10	10	8	9	7	11	17	12	12	10	7	12	15	9	11	12	13	15	15	22	19	25	24	21	24	25.	
4	22	21	21	18	19	21	17	14	13	16	20	14	14	22	16	23	22	21	18	19	18	18	14	20	24	23.	
5	18	17	13	13	9	10	6	7	6	2	4	7	7	9	10	9	8	12	13	8	16	13	13	13	24	18.	
6	12	8	11	9	8	7	7	7	6	13	12	8	12	12	18	19	20	22	16	19	23	19	20	19	24	23.	
7	18	21	17	24	20	19	19	25	22	BA	24	26	22	29	29	26	27	31	32	32	32	18	15	6	23	32.	
8	4	2	4	6	3	1	2	1	0	1	0	0	2	3	3	2	0	0	1	3	3	1	1	4	24	6.	
9	2	0	2	2	0	3	3	1	-1	0	1	0	0	4	4	2	3	3	6	3	3	3	2	5	24	6.	
10	3	3	3	2	3	6	5	5	7	4	7	7	5	6	9	13	12	11	13	11	10	10	11	8	24	13.	
11	5	4	4	4	4	5	3	4	5	5	4	3	0	5	7	10	7	8	10	12	12	8	6	11	24	12.	
12	10	11	9	8	9	8	8	7	6	6	4	5	3	10	6	7	9	9	11	14	15	14	10	24	15.		
13	10	10	11	14	8	7	6	3	0	1	2	1	1	3	2	4	7	10	9	12	8	6	10	8	24	14.	
14	8	10	10	12	13	11	14	17	20	AZ	BA	7	10	8	8	10	7	9	8	9	12	9	13	12	22	20.	
15	9	11	12	11	8	11	8	7	10	8	11	9	7	9	9	7	5	10	18	14	12	18	17	18	24	18.	
16	17	13	15	13	11	14	11	14	15	17	10	7	6	4	8	8	13	19	15	22	24	28	24	16	24	28.	
17	9	5	7	7	8	9	9	7	9	5	4	5	3	3	3	4	4	11	16	19	20	19	20	21	24	21.	
18	22	17	19	16	22	22	24	22	16	8	8	12	12	12	10	16	10	10	11	12	15	12	10	8	24	24.	
19	7	8	17	15	15	11	6	3	6	6	3	1	1	4	3	2	3	3	6	5	3	7	7	3	24	17.	
20	4	4	6	6	7	5	9	10	7	6	4	3	3	5	4	2	5	12	21	12	11	10	16	9	24	21.	
21	11	15	15	13	17	17	13	18	24	19	15	10	12	9	9	6	16	15	18	11	14	12	11	13	24	24.	
22	12	12	8	4	7	10	11	8	8	10	13	25	9	8	14	12	9	13	15	19	10	8	5	5	24	25.	
23	4	5	12	10	6	4	3	4	8	7	3	4	5	4	6	6	10	10	12	14	13	15	14	14	24	15.	
24	14	15	15	12	14	12	8	11	10	8	7	7	4	4	6	6	7	14	9	16	18	23	22	21	24	23.	
25	26	28	23	16	20	16	16	7	11	10	10	9	12	11	14	13	22	20	27	25	18	28	22	22	24	28.	
26	17	23	17	15	19	12	15	12	8	7	4	5	3	1	1	0	2	5	14	15	18	21	15	17	24	23.	
27	23	15	15	13	12	11	10	8	6	4	4	3	2	3	5	4	4	10	13	20	12	15	18	19	24	23.	
28	16	17	16	17	14	15	14	14	15	13	16	13	11	7	7	7	10	8	15	19	25	21	17	17	24	25.	
29	21	19	18	19	21	26	29	26	23	15	15	13	10	15	12	10	16	21	20	31	47	32	29	26	24	47.	
30	25	26	26	23	22	18	18	25	21	AX	BA	28	27	26	14	15	24	21	27	28	20	33	36	37	22	37.	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	27	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	26.	28.	26.	24.	22.	26.	29.	26.	24.	20.	24.	28.	27.	29.	29.	26.	27.	31.	32.	32.	47.	33.	36.	37.			
AVG:	12.8	12.4	12.4	11.8	11.8	11.5	11.3	10.9	10.8	8.7	8.6	9.0	7.8	8.6	8.6	8.8	10.4	12.4	14.5	15.7	15.7	15.6	14.9	14.2			

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 11.7 MONTHLY MAX: 47.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-051-0009 POC: 3
 COUNTY: (051) Cumberland STATE: (37) North Carolina
 CITY: (22920) Fayetteville AQCR: (169) SANDHILLS
 SITE ADDRESS: 4533 RAEFORD RD URBANIZED AREA: (2560) FAYETTEVILLE, NC
 SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric s) LAND USE: RESIDENTIAL
 MONITOR COMMENTS: LOCATION SETTING: URBAN AND CENTER CITY

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

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

REPORT FOR: DECEMBER 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

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	34	29	32	28	29	28	24	27	32	22	17	21	16	16	18	17	19	17	20	19	20	20	17	19	24	34.
2	18	14	17	19	20	17	13	15	14	15	15	15	15	8	17	16	15	19	15	14	16	16	18	13	24	20.
3	15	18	17	14	23	29	21	34	31	28	19	13	10	12	15	20	22	23	24	21	24	25	19	19	24	34.
4	20	19	19	15	16	14	20	24	17	15	10	11	12	14	10	8	19	16	24	20	18	23	22	20	24	24.
5	20	17	17	12	13	17	16	17	17	14	9	7	7	12	12	13	12	12	18	13	18	15	17	9	24	20.
6	11	11	9	12	11	9	8	12	12	8	4	10	6	6	8	8	9	5	5	8	11	5	3	3	24	12.
7	5	7	4	6	9	11	8	9	11	9	7	6	7	6	5	4	5	8	14	12	10	14	10	7	24	14.
8	7	6	5	4	4	7	6	5	5	8	5	4	5	6	8	6	3	4	3	2	1	1	3	3	24	8.
9	1	1	2	1	2	5	1	-1	0	0	1	3	2	1	1	4	1	1	4	7	7	7	8	6	24	8.
10	10	9	9	9	8	5	4	6	9	7	4	4	4	3	3	8	7	10	11	13	11	15	11	9	24	15.
11	10	10	8	11	10	13	13	12	14	11	9	8	10	8	6	8	11	12	10	12	10	14	18	19	24	19.
12	12	8	16	8	11	10	14	11	11	12	11	13	14	AX	BA	10	19	13	15	16	13	8	10	7	22	19.
13	9	8	5	4	8	4	7	8	7	5	6	3	1	1	0	1	5	4	7	9	10	9	11	8	24	11.
14	9	10	10	8	9	13	10	12	9	12	11	12	12	17	22	15	13	17	17	28	25	23	29	25	24	29.
15	21	11	12	16	13	14	14	13	16	15	16	23	22	16	23	23	23	21	18	18	24	17	20	25	24	25.
16	18	15	16	13	15	15	21	15	17	18	14	8	9	8	8	11	11	11	18	16	AV	AV	19	24	22	24.
17	30	34	31	30	24	29	24	23	17	19	19	14	11	12	13	14	12	17	16	17	18	14	23	24	24	34.
18	22	22	19	19	18	19	20	17	24	24	21	15	18	15	21	18	17	19	14	22	27	25	21	22	24	27.
19	14	15	14	13	12	11	11	9	14	11	13	18	16	AX	BA	18	12	19	20	20	20	19	14	15	22	20.
20	11	16	18	15	15	14	18	18	13	7	10	9	7	6	6	5	2	3	6	4	5	7	13	8	24	18.
21	8	9	10	9	6	10	9	11	8	12	10	8	11	10	6	8	10	14	14	15	15	16	13	11	24	16.
22	12	13	15	13	10	9	10	11	12	12	11	11	9	14	8	9	8	9	15	10	15	15	21	21	24	21.
23	24	27	22	20	12	16	12	10	15	14	14	12	10	9	11	12	12	12	12	10	7	9	12	10	24	27.
24	13	13	9	8	5	2	-1	0	3	7	6	3	3	5	2	1	2	3	3	2	4	4	2	6	24	13.
25	7	3	5	8	7	6	3	3	2	3	5	5	5	4	3	6	3	3	2	2	3	4	4	6	24	8.
26	5	4	3	3	6	4	3	5	5	4	1	-2	0	5	4	10	8	10	10	14	7	12	11	6	24	14.
27	5	6	8	7	0	6	4	5	5	3	5	3	2	1	3	4	6	10	14	15	8	7	6	7	24	15.
28	4	4	6	10	13	13	12	11	11	8	6	6	5	6	6	5	9	7	5	7	11	9	10	12	24	13.
29	10	9	7	7	6	6	8	6	6	8	7	6	7	9	7	12	12	16	23	25	25	18	19	24	24	25.
30	21	20	21	24	24	24	22	17	19	19	13	12	14	14	11	11	16	18	20	22	33	13	13	12	24	33.
31	8	6	10	6	5	6	4	1	10	14	10	8	5	5	4	4	5	5	5	6	9	7	4	2	24	14.
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	29	29	31	31	31	31	31	30	30	31	31		
MAX:	34.	34.	32.	30.	29.	29.	24.	34.	32.	28.	21.	23.	22.	17.	23.	23.	23.	23.	24.	28.	33.	25.	29.	25.		
AVG:	13.4	12.7	12.8	12.0	11.7	12.5	11.6	11.8	12.5	11.7	10.0	9.3	8.9	8.6	9.0	10.0	10.6	11.5	13.0	13.5	14.2	13.0	13.6	13.0		

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 11.7 MONTHLY MAX: 34.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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: SLAMS
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

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	10	8	7	7	11	8	8	8	8	9	6	3	6	6	8	6	7	5	11	13	9	15	12	24	15.		
2	8	11	5	1	3	4	2	2	1	-1	1	5	3	2	2	1	1	5	5	4	6	6	3	3	24	11.		
3	7	4	3	1	0	3	3	3	4	3	2	4	3	5	7	6	6	5	6	6	7	6	7	11	24	11.		
4	12	13	14	11	15	10	14	17	14	10	6	3	4	4	5	3	5	9	11	13	10	7	4	6	24	17.		
5	5	5	7	7	7	7	9	16	9	7	7	4	4	8	7	4	6	55	12	12	20	15	18	13	24	55.		
6	11	8	9	7	7	13	11	15	11	10	7	6	7	7	9	11	13	11	12	9	8	9	8	11	24	15.		
7	7	4	8	6	7	6	6	10	6	9	6	10	6	12	6	10	6	7	6	9	6	13	6	11	6	24	17.	
8	12	6	12	6	12	6	9	6	10	6	11	6	8	6	10	6	9	6	7	6	5	6	11	11	8	24	26.	
9	18	6	16	6	11	6	16	6	14	6	14	6	16	6	10	6	10	6	9	8	11	15	12	9	13	24	32.	
10	33	6	26	22	21	21	26	23	27	22	25	20	16	10	6	10	15	13	16	27	16	17	19	6	18	6	24	33.
11	16	15	15	13	16	15	20	14	17	16	18	15	18	14	20	13	20	6	18	23	22	21	15	17	14	24	23.	
12	17	12	8	8	7	6	7	6	6	AX	BA	BA	7	12	15	19	16	20	18	17	17	17	14	11	21	20.		
13	13	10	8	12	12	16	16	20	19	14	14	17	21	15	23	20	27	25	16	12	15	12	15	12	24	27.		
14	11	13	10	13	8	9	9	10	13	10	12	11	9	12	19	17	23	20	21	23	26	22	25	22	24	26.		
15	23	22	25	22	19	20	22	21	22	19	19	15	10	6	7	7	12	11	11	9	9	11	10	12	24	25.		
16	9	7	9	11	9	10	14	14	10	9	8	8	12	12	15	19	14	19	17	22	32	32	11	16	24	32.		
17	16	15	16	15	18	30	6	32	6	31	6	29	6	19	6	15	6	18	6	15	6	BA	BA	BA	13	6	21	32.
18	16	6	11	6	12	6	15	6	17	6	18	6	22	6	18	6	23	6	15	6	12	7	7	9	7	24	42.	
19	10	6	10	6	12	6	9	6	7	6	16	6	9	6	29	6	11	6	BA	BA	4	6	7	6	4	AJ	29.	
20	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	BA	12	19	21	20	14	25	27	22	24	18	22	11	27.	
21	16	7	14	9	5	6	8	5	3	6	5	5	8	9	8	13	17	7	7	4	2	7	5	9	24	17.		
22	6	3	3	1	2	2	8	9	13	7	6	6	3	6	10	8	6	6	4	7	7	5	2	2	24	13.		
23	2	-1	0	2	1	1	1	2	5	6	10	9	10	9	13	12	12	8	5	5	4	2	4	3	24	13.		
24	2	1	1	5	5	3	6	13	9	5	6	6	5	4	3	5	6	6	7	7	24	12	9	12	24	24.		
25	8	8	7	4	6	7	7	12	9	10	8	12	10	6	6	5	8	13	12	21	21	19	18	18	24	21.		
26	16	13	12	9	7	10	13	14	8	17	AX	BA	BA	4	11	8	6	7	7	10	7	7	6	8	21	17.		
27	4	3	3	3	1	1	6	4	4	4	5	7	8	8	5	7	6	8	11	8	8	7	4	4	24	11.		
28	4	12	6	8	5	7	6	6	7	7	10	6	8	7	6	4	5	7	7	9	8	15	15	11	24	15.		
29	10	9	10	10	11	8	11	10	9	7	6	6	7	6	8	7	6	6	4	11	12	9	7	5	24	12.		
30	5	4	5	4	5	18	20	13	8	6	6	4	2	6	6	8	12	12	15	20	19	18	16	21	24	21.		
31	19	26	35	25	19	13	15	16	10	11	8	8	10	15	16	16	10	15	14	32	30	28	28	26	24	35.		
NO.:	30	30	30	30	30	30	30	30	30	28	27	28	29	30	29	29	30	30	30	30	30	30	30	30	30			
MAX:	33.	26.	35.	25.	21.	30.	32.	31.	29.	25.	20.	18.	21.	15.	23.	21.	27.	55.	29.	42.	42.	32.	31.	32.				
AVG:	11.4	10.3	10.3	9.5	9.1	10.8	11.9	12.9	11.1	10.0	9.1	8.3	8.2	8.1	10.2	10.3	11.0	13.1	13.0	14.6	16.5	13.9	12.3	12.5				

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: 11.2 MONTHLY MAX: 55.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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: SLAMS

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2017

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	23	24	19	23	21	22	28	24	34	36	31	36	25	23	21	19	26	33	31	17	11	14	20	23	24	36.	
2	15	15	18	12	15	18	23	16	25	18	16	8	10	9	10	13	14	18	34	33	36	13	11	7	24	36.	
3	5	8	11	17	12	9	8	10	8	8	13	9	14	11	11	13	12	16	11	9	12	11	11	24	17.		
4	9	8	11	11	9 6	8 6	7 6	12 6	9	7	9	6	7	10	9	10	11	9	14	21	26	28	26	29	24	29.	
5	23	25	23	21	18	17	19	27	23	12	12	12	9	10	7	7	9	16	30	29	32	27	32	29	24	32.	
6	25	17	22	18	17	19	28	37	32	17	16	13	13	11	12	11	12	14	21	18	20	24	24	27	24	37.	
7	25	26	31	29	30	34	30	28	29	30	26	22	24	19	17	20	44	30	24	31	33	33	32	32	24	44.	
8	38	19	23	15	13	7	9	9	15	0	6	5	5	7	9	7	8	8	14	19	7	12	12	6	24	38.	
9	5	5	8	9	6	2	4	4	8	8	6	4	6	7	5	6	7	5	9	8	8	8	13	9	24	13.	
10	10	12	7	5	6	11	11	14	11	10	8	6	8	8	8	8	6	9	13	19	8	8	14	42	24	42.	
11	36	16	13	12	10	14	16	13	14	15	14	19	11	15	12	15	17	21	32	22	29	26	23	16	24	36.	
12	18	16	14	16	15	17	15	19	21	22	21	20	20	18	16	17	15	20	19	17	16	16	11	11	24	22.	
13	8	7	5	7	9	8	9	7	6	6	4	AZ	AZ	AZ	4	6	8	15	11	7	9	12	15	12	21	15.	
14	63IM	23IM	13IM	119IM	170IM	33IM	15IM	14IM	13IM	12IM	8IM	9IM	8IM	9IM	13IM	16IM	20IM	24IM	39IM	49IM	43IM	53IM	53IM	52IM	24	170.	
15	51IM	77IM	61IM	49IM	40IM	31IM	16IM	15IM	15IM	5IM	9IM	5IM	4IM	6IM	9IM	7IM	7IM	7IM	9IM	10IM	10IM	7IM	9IM	5IM	24	77.	
16	5	6	7	6	6	15	7	5	4	6	4	6	5	5	3	6	7	7	15	21	14	16	12	11	24	21.	
17	15	9	11	10	8	10	11	10	7	9	9	7	AX	BA	BA	14	12	20	29	34	39	32	26	28	21	39.	
18	28	26	25	23	23	23	29	27	26	18	13	15	8	9	8	10	12 6	15	18	18	20	15	13	10	24	29.	
19	9	12	10	15	16	15	14	12	10	11	12	8	8	6	8	7	7	9	22	16	21	16	21	18	24	22.	
20	21	17	21	18	21	23	26	17	22	20	12	14	17	14	14	13	10	15	28	25	31	29	27	27	24	31.	
21	23	25	23	25	19	20	25	25	24	22	23	21	27	22	25	25	33	38	35	36	45	54	48	40	24	54.	
22	34	29	34	35	24	29	28	27	29	23	23	25	25	20	15	15	14	26	25	28	26	26	18	23	24	35.	
23	20	15	17	19	15	24	23	21	25	19 6	16	13	15	15	16	11	16	10	20	29	36	28	19	19	24	36.	
24	20	15	18	14	14	19	16	18	21	20 6	24	20	17	8	10	9	7	14	11	22	30	29	15	17	24	30.	
25	16	13	15	18	13	13	11	10	12	11	9	9	20	14	13	14	14	22	13	10	9	7	6	10	24	22.	
26	10	6	6	4	5	8	8	9	9	7	7	7	8	5	4	5	11	9	9	17	15	28	31	26	24	31.	
27	16	18	19	38	29	25	19	25	17	22	14	15	11	13	9	14	12	13	33	24	31	29	29	21	24	38.	
28	19	17	20	17	23	19	22	26	24	16	19	14	14	15	15	21	14	21	22	23	25	28	14	17	24	28.	
29																										0	
30																										0	
31																										0	
NO.:	28	28	28	28	28	28	28	28	28	28	27	26	26	27	28	28	28	28	28	28	28	28	28	28	28		
MAX:	63.	77.	61.	119.	170.	34.	30.	37.	34.	36.	31.	36.	27.	23.	25.	25.	44.	38.	39.	49.	45.	54.	53.	52.			
AVG:	21.1	18.1	18.0	21.6	21.7	17.6	17.0	17.2	17.6	14.6	13.7	12.9	13.0	11.9	11.2	12.0	13.8	16.4	21.3	21.9	22.8	22.5	20.9	20.6			

MONTHLY OBSERVATIONS: 666 MONTHLY MEAN: 17.5 MONTHLY MAX: 170.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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: SLAMS

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM			
1	23	25	29	27	22	28	22	16	20	17	19	17	17	20	17	18	16	12	9	7	4	3	5	4	24	29.			
2	4	7	14	11	9	9	8	5	3	4	5	2	3	3	3	1	5	8	6	7	15	12	9	24	15.				
3	5	8	9	9	9	14	14	9	8	5	3	AX	BA	BA	2	4	4	6	9	11	10	10	9	21	14.				
4	11	13	15	10	12	14	14	11	7	6	7	5	6	6	7	7	6	6	6	17	33	25	31	32	24	33.			
5	32	23	18	13	11	9	10	11	8	7	7	6	9	6	5	14	10	14	14	12	13	20	21	25	24	32.			
6	24	27	22	26	21	23	33	20	28	19	15	15	13	14	14	17	18	19	18	31	27	29	28	28	24	33.			
7	29	19	20	24	16	19	13	21	17	18	9	15	14	12	12	14	18	19	23	24	19	19	18	15	24	29.			
8	12	10	11	8	12	10	11	7	5	4	3	6	4	3	5	8	12	17	17	20	17	18	20	17	24	20.			
9	15	12	13	13	12	10	14	9	14	12	10	6	7	12	12	9	11	7	6	16	12	20	19	22	31	24	31.		
10	23	24	27	23	25	30	26	33	22	13	8	7	10	15	16	3	9	13	10	5	7	10	14	9	24	33.			
11	8	6	10	7	5	6	8	6	8	12	13	8	6	7	8	12	11	9	16	27	26	24	12	24	27.				
12	8	7	12	13	13	11	12	10	8	8	6	8	5	5	6	6	8	11	9	6	13	19	16	17	24	19.			
13	16	14	20	18	19	12	14	15	14	16	11	14	16	12	9	16	15	13	14	19	13	10	4	1	24	20.			
14	4	2	1	3	9	5	2	3	3	1	4	6	10	10	7	12	8	14	12	10	11	8	5	6	24	14.			
15	6	7	6	8	9	6	12	6	11	6	11	6	8	6	5	5	12	11	12	8	7	6	9	8	24	12.			
16	9	9	6	11	10	11	14	12	AX	BA	BA	7	7	6	6	9	7	9	10	10	15	17	18	16	21	18.			
17	12	12	15	17	21	22	25	21	19	10	11	12	10	10	14	11	12	15	13	17	19	18	21	18	24	25.			
18	20	20	18	20	19	26	27	29	25	25	24	23	24	26	29	22	21	24	7	6	8	5	9	7	24	29.			
19	6	8	8	5	5	5	2	-1	0	2	5	5	4	2	1	5	7	5	7	8	15	26	24	18	24	26.			
20	15	10	7	7	9	12	10	7	7	9	8	6	6	7	9	7	6	11	11	16	9	9	14	12	24	16.			
21	21	25	21	21	28	26	27	23	24	18	6	15	6	16	6	18	20	15	22	23	21	26	24	18	15	16	15	24	28.
22	8	9	11	6	6	8	9	9	11	8	6	7	7	7	7	8	12	11	10	11	13	11	8	9	24	13.			
23	10	12	9	15	12	16	20	14	10	10	12	9	15	11	10	12	15	19	19	15	16	10	12	16	24	20.			
24	11	15	18	18	13	14	20	25	19	AX	BA	BC	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	9	25.		
25	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0		
26	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0		
27	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0		
28	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0		
29	DL	DL	DL	DL	DL	DL	DL	DL	DL	18	16	19	6	10	13	9	10	10	16	6	10	12	12	17	12	16	19.		
30	15	14	11	16	16	12	9	13	18	10	15	18	14	13	17	6	17	6	23	17	17	17	16	19	11	9	24	23.	
31	9	12	17	14	11	6	4	5	5	8	7	7	8	14	21	15	17	5	8	5	5	5	6	4	24	21.			
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	26	26	26		
MAX:	32.	27.	29.	27.	28.	30.	33.	33.	28.	25.	24.	23.	24.	26.	29.	22.	23.	24.	26.	31.	33.	29.	31.	32.	32.	32.			
AVG:	13.7	13.5	14.2	14.0	13.7	14.2	14.6	13.1	12.6	10.5	10.0	9.8	10.4	10.2	10.1	10.9	12.1	12.3	12.5	13.2	14.4	14.8	15.2	13.8	13.8	13.8			

MONTHLY OBSERVATIONS: 619 MONTHLY MEAN: 12.7 MONTHLY MAX: 33.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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: SLAMS

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	5	5	5	6	6	6	6	2	3	4	2	4 6	5	3	1	5	8	11	22	30	37	27	24	16	24	37.	
2	9	6	4	4	4	5	7	7	6	6	6	8	5 6	5	4	6	7	9	11 6	12	11	13	16	12	24	16.	
3	14	10	9	9	8	8	8	9	16	14	14	16	14	17	12	13	16	15	8	10	6	6	6	5	24	17.	
4	3	3	3	6	4	8	11	9	17	15	12 6	13 6	13	14	11	10	14 6	11 6	14 6	17	21 6	18	19	18	24	21.	
5	17	16	15	14	15	9	19	17	19	18 6	11	16 6	16	16	17 6	26	26	15	13	7	5	7	8	13	24	26.	
6	12	13	14	11	10	9	9	12	9	9	16	AX	AX	BA	BA	3	5	6	7	5	6	6	3	1	20	16.	
7	3	4	4	3	4	6	8	6	8	6	3	4	6	9	5	5	4	6	4	11	8	8	6	8	24	11.	
8	12	7	4	6	6	7	8	6	10	8	4	4	4	4	5	4	4	9	9	9	9	24	23	29	24	29.	
9	17	19	19	19	15	13	15	9	6	9	9 6	8 6	9	6	6	8	8	13	12	16	19	22	23	25	24	25.	
10	15	11	12	11	11	13	14	13	13	17	6 6	15	13	12	11	15	13	12	13	15	12	21	18	17	24	21.	
11	13	9	10	12	11	9	8	7	7	13	13	10 6	16 6	20	13	17 6	14 6	14 6	18	14	16	21	23	26	24	26.	
12	23	18	16	9	13	12	10	11	12	14	14 6	11 6	16 6	11	13	12 6	13 6	12	14	19	21 6	27	26	11	24	27.	
13	16	16	6	14	12	9	13	12	25	17 6	19	16	17	19	14	131	16	18	17	19	18	23	22	15	24	131.	
14	16	17	13	10	9	9	14	10	14	14	14 6	15	16	22	16	19	24 6	19 6	15	20	23	26	26	20	24	26.	
15	28	21	23	24	17	14	16	13	14	18 6	18 6	23 6	22 6	18 6	22 6	15 6	23 6	22 6	14	13	19	21 6	20	18	24	28.	
16	23	16	21	20	16	12	15	17	12	19 6	20 6	20 6	19 6	22 6	28 6	59 6	53	38	35	23	20	24	15	15	24	59.	
17	18	16	13	21	16	17	17	17	20	16 6	17 6	23 6	19 6	19 6	20 6	24 6	22	43	15	11	11	19	10	9	24	43.	
18	14	9	10	12	9	16	13	8	12	14	11	10	15	17	16	14	15	12	18	11	13	11	14	11	24	18.	
19	9	6	5	9	7	11	9	8	8	8	14	13	8	14	15	12	20 6	22	18	20	16	12	14	13	24	22.	
20	12	11	8	12	12	11	13	13	17	10	13 6	14 6	19 6	17 6	19 6	19 6	21 6	23 6	19	24	17	23	21 6	18 6	24	24.	
21	18	23	21	19	16	16	13	11	18	36 6	17 6	15 6	18 6	18 6	16 6	16 6	26 6	20 6	11	11	16	13	19	15	24	36.	
22	13	15	10	14	17	15	12	17	13	19	17 6	14 6	16 6	24 6	22 6	23 6	27 6	38	12	10	7	3	2	2	24	38.	
23	3	3	3	2	3	5	4	3	6	7	6	7	7	9	9	6	-5	-5	26	AO	AO	AO	AO	2	20	26.	
24	3	2	0	0	3	2	0	AX	BA	BA	-2	0	2	0	-1	1	0	-1	0	-1	-1	0	-1	-2	21	3.	
25	-2	-1	-1	0	1	1	0	-2	-2	-1	0	0	2	6	3	-1	-2	1	4	5	5	6	9	7	24	9.	
26	5	3	1	3	6	5	3	4	4	3	6	8	9	9	6	9	8	13	19	16	16	13	13	15	24	19.	
27	22	20	22	16	21	19	17	17	16	15 6	20 6	20 6	21 6	26	36	13	20	16	15	14	19	28	22	17	24	36.	
28	21	22	17	20	14	16	19	21	18	18 6	15 6	22 6	15 6	17 6	25 6	23 6	25	30	23	27	31	26	27	43	24	43.	
29	35	31	31	31	31	24	26	23	20	23	20 6	17 6	17 6	20 6	20 6	22 6	22 6	25 6	24	24	24	21	20	15	24	35.	
30	20	14	10	18	15	15	16	15	15	9	13	12 6	12 6	9 6	7 6	7	8 6	13	7	9	6	6	6	9	24	20.	
31																										0	
NO.:	30	30	30	30	30	30	30	29	29	29	30	29	29	29	29	30	30	30	30	29	29	29	29	30			
MAX:	35.	31.	31.	31.	31.	24.	26.	23.	25.	36.	20.	23.	22.	26.	36.	131.	53.	43.	35.	30.	37.	28.	27.	43.			
AVG:	13.9	12.2	10.9	11.8	11.1	10.7	11.4	10.9	12.3	13.0	11.6	12.3	12.8	13.9	13.4	17.9	15.2	15.8	14.6	14.5	14.9	16.4	15.7	14.1			

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: 13.4 MONTHLY MAX: 131.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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: SLAMS
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	11	14	11	13	9	11	16	13	11	12	14	13	13	12	20	17	20	16	17	15	15	4	4	2	24	20.	
2	5	8	10	13	11	11	14	12	10	10 6	5	5	5	9	8	6	6	8	10	10	9	13	10	7	24	14.	
3	10	11	8	12	8	7	10	6	4	10 6	8 6	7 6	10	8	AX	AX	9	8	12	12	10	7	10	9	22	12.	
4	10	11	10	14	11	12	8	7	7	9	9	AX	BA	16	21	23	8	9	11	16	12	15	13	19	22	23.	
5	12	6	2	3	6	1	1	4	7	5	5	13	9	8	14	11	7	11	9	9	9	7	3	2	24	14.	
6	3	2	12	7	4	6	3	1	0	2	3	5	4	1	1	7	10	17	10	9	10	11	8	3	24	17.	
7	1	1	2	2	4	7	6	3	3	3	2	6 6	5	6	4	6	6	5	8	7	11	9	12	14	24	14.	
8	12	10	10	8	6	9	8	8	10	9	6 6	6 6	11	9	4	4	5	5	8	7	14	16	18	16	24	18.	
9	14	10	8	9	9	10	8	6	9	9	10	9	11	8	7	6	8	9	12	13	12	7	10	8	24	14.	
10	11	12	AO	11	11	9	10	12	13	11	12	15	17	15	16	18	25	25	26	24	27	23	24 6	30	23	30.	
11	29	26	27	24	22	28	22	21	20	18	21	20	15	19	18	17	18	17	16	19	20	20	5	5	24	29.	
12	6	7	6	3	4	7	3	0	8	5	1	5	6	6	4	1	3	4	1	1	3	2	-1	1	24	8.	
13	1	-1	-1	0	0	0	-1	1	1	0	2	1	0	2	3	4	4	2	2	5	6	4	5	9	24	9.	
14	13	9	11	10	12	15	7	7	8	8 6	10 6	7	15	16	14	14	18	16	18	17	15	12	14	14	24	18.	
15	12	17	10	14	18	11	16	11	12	AX	AX	BA	BA	9	14	9	14	20	19	22	16	18	16	21	20	22.	
16	17	13	12	13	11	17	18	11	12	13	10	15 6	10 6	14 6	14 6	19 6	20 6	17 6	18	16	19	23	23	23	24	23.	
17	23	22	23	18	23	20	21	9	16 6	15 6	15 6	17 6	14 6	28 6	18 6	17 6	15 6	28 6	29 6	24	20	14	12	15	24	29.	
18	18	19	18	19	16	16	14	17	18	AZ	BA	BA	18 6	17 6	15 6	16 6	17 6	15 6	18 6	22	21	19	20	20	21	22.	
19	26	26	19	16	14	13	14	11	13	13 6	15 6	15 6	11 6	13 6	13 6	20 6	23 6	36	11	8	17	8	11	11	24	36.	
20	8	8	11	9	9	11	11	8	18	7 6	4 6	1 6	7 6	6 6	4 6	10 6	13 6	11 6	15 6	17	29	29	25	21	24	29.	
21	22	16	15	22	16	17	10	12	8	10	11	10	13	16	14	16	20	13	18	15	16	17	15	16	24	22.	
22	18	13	18	12	19	20	17	3	3	3	3	2	1	1	0	3	3	3	3	4	6	6	7	8	24	20.	
23	6	2	7	8	6	9	9	6	5	9	4	2	2	0	4	5	3	0	0	1	2	2	1	24	9.		
24	5	5	4	3	10	7	6	4	4	5	6	2	0	0	6	5	6	15	12	7	5	11	13	14	24	15.	
25	9	11	8	7	6	7	7	7	4	1	2	3	5	11	6	4	5	6	6	6	5	7	10	7	24	11.	
26	7	9	8	13	10	9	13	8	4	7 6	10 6	9	11	13	10	13	9	8	9	16	11	12	15	18	24	18.	
27	11	10	12	14	14	12	16	13	8 6	9 6	7 6	10 6	15 6	13 6	11 6	13 6	17 6	16 6	15 6	16	16	16	17	15	24	17.	
28	16	15	16	11	7	6	5	6	5	5 6	7 6	4 6	0 6	1 6	4 6	3 6	2 6	2	1	4	10	6	5	4	24	16.	
29	6	5	4	9	7	8	7	4	1 6	2 6	5 6	5 6	6 6	6 6	9 6	7 6	9 6	6 6	8	14	11	10	15	12	24	15.	
30	7	7	5	6	7	7	11	12	7	4	8	6 6	7	8	5	8	6	5	8	13	11	14	10	11	24	14.	
31	16	19	18	10	11	17	16	11	10	9 6	5 6	9	8 6	7	9 6	10 6	7 6	14 6	12	14	11	7	6	11	24	19.	
NO.:	31	31	30	31	31	31	31	31	31	29	29	28	29	31	30	30	31	31	31	31	31	31	31	31	31	31	
MAX:	29.	26.	27.	24.	23.	28.	22.	21.	20.	18.	21.	20.	18.	28.	21.	23.	25.	36.	29.	24.	29.	29.	25.	30.			
AVG:	11.8	11.1	10.8	10.7	10.4	11.0	10.5	8.2	8.4	7.7	7.6	7.9	8.6	9.6	9.7	10.4	10.8	11.8	11.7	12.4	12.9	11.9	11.5	11.8			

MONTHLY OBSERVATIONS: 732 MONTHLY MEAN: 10.4 MONTHLY MAX: 36.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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: SLAMS
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

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	6	12	7	6	7	9	AX	BA	BA	16 6	4 6	13 6	7 6	6 6	8 6	9 6	10	10	12	13	18	19	15	21	19.	
2	19	12	12	15	17	13	14	16	8	14	15 6	13 6	10 6	13 6	12 6	10 6	14 6	16 6	11 6	14	11	20	9	15	24	20.	
3	23	20	15	14	18	14	15	16	12 6	12 6	14 6	13 6	14 6	15 6	17 6	14 6	15 6	16 6	15 6	16	16	22	22	19	24	23.	
4	21	19	16	17	16	14	10	7	12 6	14 6	16 6	16 6	13 6	16 6	17 6	19 6	16 6	31 6	16	15	8	5	8	9	24	31.	
5	AN	AN	AN	AN	5 6	9	9	13	15	7	6	7 6	9 6	6	2	10	7	8	8	5	3	3	8	11	20	15.	
6	7	9	9	9	10	10	11	12	11	10	10	16	15	15	11	10	11	14	15	12	14	12	9	10	24	16.	
7	8	12	17	8	10	9	12	9	7	7	7	8	8	7	10	6	7	13	13	12	10	6	15	7	24	17.	
8	6	8	7	4	2	2	4	6	4	4	6	4	6	6	4	5	13	7	7	6	11	9	9	9	24	13.	
9	11	8	5	7	8	6	5	4	11	12	9	10	8	7	10	8	7	10	8	11	10	12	17	19	24	19.	
10	15	11	15	12	9	15	10	13	18	13	14	15	16	12	14	12	10	8	15	18	21	17	22	23	24	23.	
11	15	23	14	14	11	12	13	13	10	9	11	12	11	12	12	13	13	18	16	15	18	12	14	24	24	23.	
12	16	14	16	14	14	16	11	11	18	14	8	12	10	10	12	10	16	17	13	11	17	14	12	14	24	18.	
13	17	16	16	17	18	19	AX	AX	BA	BA	27	19	20	18	21	10	18	22	22	16	6	6	8	12	20	27.	
14	10	6	10	9	9	14	10	10	8	12	11	12	20	14	14	11	14	14	18	18	18	21	17	10	24	21.	
15	8	14	10	11	10	11	10	13	14	15	14	15	20	13	20	18	17	18	16	17	10	11	11	11	24	20.	
16	14	14	15	14	11	16	15	13	15	21	20	18	21	20	19	16	10	13	10	14	8	6	4	4	24	21.	
17	8	8	11	12	11	13	9	9	8	15	14	11	8	15	8	4	5	15	11	14	11	10	11	8	24	15.	
18	10	12	13	14	13	20	12	16	13	14	13	16	11	22	13	10	10	9	9	9	11	13	10	16	24	22.	
19	10	11	11	13	8	13	9	16	14	15	17	16	14	17	15	19	16	17	8	12	8	7	5	3	24	19.	
20	6	6	3	2	1	2	13	11	10	8	10	12	14	15	9	16	13	13	16	11	10	10	8	4	24	16.	
21	10	6	5	4	3	5	8	8	7	5	11	8	6	8	8	8	11	8	13	9	12	8	7	7	24	13.	
22	9	9	7	10	14	10	10	10	14	15	10	10	17	15	16	14	8	9	10	8	9	7	8	8	24	17.	
23	9	7	10	11	14	10	16	12	11	18	20	23	28	33 6	38 6	45 6	47 6	42 6	48 6	43 6	42	37	42	39	24	48.	
24	30	21	18	13 6	12 6	9 6	10 6	17 6	13	15	16	10	8 6	10 6	7 6	5 6	8 6	12 6	8 6	9 6	6 6	5 6	8 6	9 6	24	30.	
25	14 6	10 6	11 6	9 6	12 6	16 6	14 6	12 6	10 6	12 6	9	11	11	9	12	9	8	15	14	12	13	10	15	16	24	16.	
26	19	14	17	14	14	13	13	12	12	12	10	10	13	10	9	13	11	15	16	15	12	15	16	20	24	20.	
27	16	24	18	17	16	16	18	20	12	7	14	10	9	6	8	9	6	9	7	8	14	14	12	13	24	24.	
28	12	10	12	10	8	13	17	7	AX	AX	BA	BA	3	5	4	11	7	7	12	9	11	11	15	19	20	19.	
29	18	11	12	13	15	15	14	15	16	18	16	14	18	16	21	18	15	17	18	19	18	18	22	22	24	22.	
30	17	17	20	21	14	16	15	17	18	14	14	16	12	17	8	9	6	4	4	4	6	6	4	3	24	21.	
31																										0	
NO.:	29	29	29	29	30	30	29	28	27	27	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	30.	24.	20.	21.	18.	20.	18.	20.	18.	21.	27.	23.	28.	33.	38.	45.	47.	42.	48.	43.	42.	37.	42.	42.	39.		
AVG:	13.3	12.3	12.3	11.6	11.0	11.9	11.6	12.1	11.9	12.3	13.0	12.4	12.9	13.0	12.6	12.3	12.3	14.1	13.6	13.2	12.5	12.4	12.8	13.0			

MONTHLY OBSERVATIONS: 705 MONTHLY MEAN: 12.5 MONTHLY MAX: 48.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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: SLAMS
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

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	6	7	8	6	5	6	5	7	7	6	6	5	4	7	5	7	12	12	14	12	8	5	5	24	14.		
2	4	10	8	10	12	10	8	11	13	8	8	12	16	9	7	8	6	7	9	15	11	10	12	17	24	17.		
3	17	10	12	11	11	14	12	12	16	15	13	13	17	11	10	11	12	13	13	15	9	10	8	9	24	17.		
4	7	6	10	7	9	9	11	12	8	9	9	11	16	12	9	13	37	11	11	12	11	52	13	7	24	52.		
5	4	6	9	13	12	11	10	10	17	7	7	16	16	15	11	13	18	16	8	12	10	15	8	9	24	18.		
6	11	8	13	16	15	18	17	6	5	3	10	7	12	10	12	11	16	13	16	20	21	19	11	9	24	21.		
7	13	13	15	10	9	9	11	10	13	14	11	7	7	8	8	11	8	12	9	13	9	8	6	11	24	15.		
8	11	11	14	9	15	9	10	11	19	12	11	9	11	12	10	8	11	9	9	12	14	10	8	11	24	19.		
9	11	7	14	11	15	16	12	16	12	11	9	13	10	9	11	12	11	10	17	14	11	14	14	13	24	17.		
10	12	11	13	16	9	15	18	12	AX	BA	BA	13	21	15	16	13	17	20	19	13	14	8	9	9	21	21.		
11	10	8	7	9	10	10	10	9	11	14	11	14	14	13	13	17	15	12	16	15	16	13	15	9	24	17.		
12	11	12	13	12	13	9	10	11	11	14	14	13	19	9	14	16	15	10	17	16	17	14	16	14	24	19.		
13	13	13	16	16	13	18	17	18	13	16	16	15	16	14	20	12	16	19	30	15	11	10	12	11	24	30.		
14	15	17	15	13	12	12	16	6	17	17	19	18	9	10	9	16	15	12	19	16	24	20	26	18	24	26.		
15	15	20	19	16	16	14	11	10	22	8	14	10	10	15	13	14	16	11	15	14	18	15	14	12	24	22.		
16	12	10	11	9	10	12	13	47	14	9	12	12	19	16	12	17	12	12	14	9	7	15	14	12	24	47.		
17	6	4	9	11	11	9	8	7	6	15	12	19	13	24	13	13	25	20	3	14	9	6	8	8	24	25.		
18	8	7	13	11	10	9	9	14	12	8	9	15	13	16	12	15	13	22	19	15	13	10	8	4	24	22.		
19	9	13	11	19	16	15	15	15	19	12	10	9	9	7	14	8	7	9	11	14	11	11	10	19	24	19.		
20	17	15	13	13	13	16	15	15	18	24	16	13	17	11	16	24	20	16	18	13	20	29	22	15	24	29.		
21	20	20	19	19	16	12	20	24	25	20	23	27	23	24	20	25	24	21	24	23	22	18	19	19	24	27.		
22	23	13	16	16	15	17	17	17	19	20	19	18	21	25	24	23	19	19	6	26	23	22	22	21	19	24	26.	
23	16	14	18	17	14	17	15	18	19	23	15	22	20	19	17	18	16	27	14	7	5	6	6	7	24	27.		
24	6	9	8	6	5	9	10	11	AX	BA	BA	BA	9	14	11	10	6	14	6	11	16	18	16	13	11	16	20	18.
25	20	15	16	15	15	17	12	17	19	17	21	19	22	18	16	15	20	19	19	16	21	25	13	17	24	25.		
26	23	20	11	11	9	16	15	12	8	7	10	8	15	15	21	18	22	21	17	21	25	22	21	21	24	25.		
27	24	18	16	14	17	20	15	22	16	21	20	17	22	15	21	22	23	41	25	26	22	17	8	8	24	41.		
28	10	12	13	19	20	19	22	16	21	24	18	21	20	23	20	21	17	20	25	18	19	16	18	22	24	25.		
29	23	23	19	21	18	15	19	18	6	8	6	3	9	13	16	11	9	13	10	10	12	10	9	8	24	23.		
30	9	9	10	19	9	13	10	9	8	5	9	6	78	6	10	8	9	10	12	14	9	9	15	11	24	78.		
31	14	9	11	16	13	10	12	8	9	7	14	12	22	11	8	9	11	14	13	16	15	21	17	17	24	22.		
NO.:	31	31	31	31	31	31	31	31	29	29	29	30	31	31	31	31	31	31	31	31	31	31	31	31	31			
MAX:	24.	23.	19.	21.	20.	20.	22.	47.	25.	24.	23.	27.	78.	25.	24.	25.	37.	41.	30.	26.	25.	52.	26.	22.				
AVG:	12.8	11.9	12.9	13.3	12.5	13.1	13.1	13.8	13.9	12.9	12.8	13.3	17.1	13.6	13.6	14.1	15.5	15.5	15.7	15.3	14.7	15.4	12.8	12.5				

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: 13.8 MONTHLY MAX: 78.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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: SLAMS
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	19	13	18	15	13	13	14	10	9	12	15	10	17	18	17	18	23	16	20	16	18	20	18	18	24	23.	
2	16	18	18	17	11	16	18	20	21	23	25	19	24	11	17	20	21	22	28	26	22	23	19	22	24	28.	
3	24	21	16	16	19	18	17	24	27	27	31	31	25	26	36	39	30	18	19	23	19	17	18	20	24	39.	
4	24	19	21	22	18	21	20	20	17	20	17	24	15	17	18	13	21	19	14	23	19	11	14	9	24	24.	
5	7	7	7	6	7	5	8	9	10	8	10	11	9	6	9	11	9	10	13	14	10	12	11	24	14.		
6	9	10	10	12	8	13	10	14	9	9	10	7	12	14	15	15	12	14	14	20	16	19	14	19	24	20.	
7	15	12	19	7	11	15	10	14	9	9	14	15	18	18	20	27	22	29	25	23	18	15	14	24	29.		
8	20	18	16	16	13	17	11	11	7	4	7	4	5	6	6	5	17	8	11	9	16	15	15	24	20.		
9	16	16	15	14	17	15	17	11	15	10	16	9	10	8	6	AX	BA	BA	BA	17	14	14	20	18	20	20.	
10	12	15	15	13	17	19	20	11	16	15	9	12	8	7	8	8	9	15	14	12	10	11	11	21	24	21.	
11	10	15	11	6	3	6	5	10	11	12	10	17	18	16	14	16	18	16	11	11	10	11	12	24	18.		
12	7	10	8	6	7	10	7	12	11	13	15	13	14	7	6	8	10	6	8	14	11	10	14	10	24	15.	
13	6	5	8	11	7	3	5	11	8	10	9	12	12	16	9	15	5	14	18	12	15	16	15	20	24	20.	
14	17	16	15	20	20	24	20	31	28	19	13	12	15	18	11	19	16	11	15	19	15	13	15	17	24	31.	
15	17	17	13	14	16	12	19	17	18	20	12	11	10	16	8	10	8	12	12	10	16	16	19	12	24	20.	
16	20	23	19	16	16	20	18	16	7	AZ	BA	BA	6	8	15	18	14	13	15	18	20	20	18	21	21	23.	
17	21	20	24	27	24	29	26	26	26	14	13	19	18	16	13	14	17	14	16	11	9	5	18	14	24	29.	
18	11	8	11	13	10	15	20	17	16	17	18	11	15	11	13	14	16	14	21	15	20	21	16	14	24	21.	
19	15	12	9	11	10	8	12	11	19	13	16	14	13	12	9	12	18	22	15	16	14	18	16	19	24	22.	
20	17	17	12	11	12	12	12	11	10	17	13	19	21	19	14	13	17	22	20	19	16	24	28	22	24	28.	
21	21	17	22	21	19	22	18	17	33	32	27	22	24	29	27	21	22	22	22	17	19	22	20	23	24	33.	
22	16	23	14	14	18	18	14	AX	BA	BA	BA	19	16	15	20	12	15	19	26	26	19	16	14	16	20	26.	
23	19	14	16	15	16	15	10	16	13	14	18	24	21	37	23	11	14	12	11	12	18	15	14	9	24	37.	
24	15	9	12	10	13	15	16	12	18	19	20	19	16	16	19	16	19	17	22	16	19	19	15	15	24	22.	
25	18	10	11	18	12	22	18	15	18	19	17	15	21	11	19	18	20	18	17	18	20	16	28	19	24	28.	
26	23	15	21	11	14	14	17	18	11	16	11	10	15	13	9	15	10	12	20	21	16	16	22	18	24	23.	
27	16	16	13	11	17	15	16	14	10	9	14	9	10	11	10	14	16	6	13	13	14	14	17	16	24	17.	
28	18	14	12	11	13	14	16	11	16	16	16	23	18	19	15	14	27	16	19	19	18	18	19	17	24	27.	
29	18	10	9	6	4	2	1	1	0	0	2	4	4	5	4	2	5	11	7	5	6	4	7	7	24	18.	
30	8	10	10	11	8	8	5	6	7	8	10	9	10	6	3	4	10	15	13	11	11	12	12	17	24	17.	
31	16	14	12	8	14	11	11	9	14	15	12	11	7	6	6	7	7	18	10	8	10	7	7	7	24	18.	
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	31		
MAX:	24.	23.	24.	27.	24.	29.	26.	31.	33.	32.	31.	31.	25.	37.	36.	39.	30.	29.	28.	26.	23.	24.	28.	23.			
AVG:	15.8	14.3	14.1	13.2	13.1	14.4	13.9	14.2	14.5	14.5	14.5	14.5	14.4	14.1	13.5	14.2	15.2	15.7	16.3	16.0	15.5	15.2	16.2	15.9			

MONTHLY OBSERVATIONS: 733 MONTHLY MEAN: 14.7 MONTHLY MAX: 39.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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 CITY: (19000) Durham
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 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
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 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: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

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	8	7	11	9	7	8	10	9	5	5	5	7	9	25	23	22	22	8	8	8	6	11	11	24	25.	
2	10	15	9	11	9	10	6	3	3	3	3	5	4	3	5	13	14	9	11	16	6	11	9	10	24	16.	
3	10	16	19	15	16	6	6	6	7	6	3	6	5	6	5	6	8	6	6	12	10	14	13	18	24	19.	
4	16	14	14	13	18	12	13	15	10	12	14	23	23	21	27	23	25	25	23	23	22	22	19	23	24	27.	
5	19	20	18	19	16	15	23	17	18	19	17	14	22	18	AX	BA	BA	BA	25	16	15	25	18	16	20	25.	
6	12	10	11	13	13	12	9	13	12	17	15	20	13	14	18	14	7	7	10	11	9	12	10	17	24	20.	
7	11	13	12	13	13	15	11	19	11	12	11	11	7	13	11	13	9	9	8	15	9	8	13	12	24	19.	
8	14	9	10	11	11	11	10	8	10	9	18	6	4	6	5	3	12	11	12	14	12	20	27	18	24	27.	
9	11	10	12	10	11	9	10	13	8	6	9	8	7	8	9	16	20	14	16	6	16	16	14	11	24	20.	
10	9	10	9	6	4	5	5	5	9	7	9	7	5	3	2	3	7	7	8	9	9	6	9	7	24	10.	
11	9	8	6	7	8	10	7	23	12	9	8	15	12	11	11	10	12	12	15	8	10	8	5	9	24	23.	
12	11	7	12	10	13	9	10	9	7	6	5	5	10	7	10	7	6	10	15	12	10	14	15	13	24	15.	
13	9	10	16	9	12	8	8	10	10	13	8	7	9	8	12	17	7	12	10	15	11	12	16	10	24	17.	
14	9	10	13	13	14	12	17	17	15	15	16	16	11	19	22	15	20	18	21	21	24	17	23	19	24	24.	
15	19	20	21	22	18	16	16	13	12	11	12	11	9	20	7	10	11	11	10	12	19	14	14	15	24	22.	
16	13	9	10	8	9	6	14	13	12	16	13	16	22	14	9	10	17	14	12	15	16	18	15	11	24	22.	
17	11	12	14	14	10	13	10	8	14	11	10	11	7	9	11	10	9	8	15	15	9	13	15	13	24	15.	
18	12	10	10	12	9	8	13	10	8	15	16	11	13	11	11	9	10	16	14	10	11	9	13	13	24	16.	
19	10	13	13	10	13	12	17	AX	BA	BA	BA	14	17	16	22	14	12	12	18	15	13	15	13	12	20	22.	
20	11	12	11	9	11	10	12	17	11	23	19	17	18	17	11	7	14	17	20	21	19	19	14	21	24	23.	
21	12	19	15	13	14	11	16	18	10	14	19	18	16	14	23	16	21	20	11	12	14	11	11	17	24	23.	
22	7	11	14	15	16	17	15	26	16	17	22	17	22	14	22	21	17	23	34	21	26	23	24	22	24	34.	
23	19	23	19	14	19	17	17	23	19	19	15	15	17	15	18	9	15	21	20	22	21	32	19	15	24	32.	
24	17	18	14	16	14	16	9	13	9	13	14	10	9	13	12	9	8	10	16	13	16	15	13	14	24	18.	
25	12	14	18	13	10	11	19	11	17	18	8	15	9	7	10	11	9	19	13	13	21	6	8	12	24	21.	
26	10	7	8	8	7	6	8	9	9	9	9	10	6	16	10	18	10	11	9	6	4	9	8	8	24	18.	
27	9	8	8	6	11	12	12	8	10	9	53	10	18	10	13	12	9	14	17	18	20	16	17	9	24	53.	
28	11	10	10	10	16	13	15	15	17	16	21	18	25	18	23	25	24	25	24	33	27	20	17	17	24	33.	
29	12	16	9	16	10	15	14	13	16	13	12	11	11	16	16	21	16	16	14	17	16	18	11	21	24	21.	
30	13	13	11	15	11	11	13	10	14	10	17	25	41	23	15	11	28	13	12	12	11	11	9	10	24	41.	
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	30		
MAX:	19.	23.	21.	22.	19.	17.	23.	26.	19.	23.	53.	25.	41.	23.	27.	25.	28.	25.	34.	33.	27.	32.	27.	23.			
AVG:	12.1	12.5	12.4	12.1	12.2	11.2	12.1	12.9	11.6	12.2	13.8	12.6	13.3	12.6	13.6	13.0	13.8	14.2	14.9	14.7	14.5	14.7	14.1	14.1			

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: 13.1 MONTHLY MAX: 53.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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: SLAMS
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	9	11	7	9	6	5	6	6	7	7	4	5	5	8	11	7	9	11	11	14	12	19	15	11	24	19.	
2	9	7	8	7	9	14	9	14	9	18	22	17	15	13	11	10	15	14	11	16	14	15	12	17	24	22.	
3	11	7	9	7	5	7	13	AX	BA	BA	BA	BA	BA	11	9	7	10	10	13	17	24	18	21	12	18	24.	
4	11	10	8	12	14	8	7	13	9	18	8	6	12	20	8	25	18	13	17	29	17	18	16	11	24	29.	
5	12	7	6	11	11	14	14	12	23	31	21	17	15	16	16	18	18	14	18	22	21	13	11	24	31.		
6	13	11	20	15	12	12	13	11	19	20	16	17	10	20	13	21	22	21	21	21	23	22	25	21	24	25.	
7	18	13	11	16	12	11	7	14	17	21	21	9	16	10	15	15	16	12	7	10	9	9	9	11	24	21.	
8	10	11	7	11	14	13	14	11	12	11	10	13	10	12	6	5	4	1	3	5	6	9	13	16	24	16.	
9	11	10	8	12	7	5	6	2	1	10	11	16	15	10	15	15	13	10	12	13	11	13	12	11	24	16.	
10	12	11	13	14	12	17	14	24	23	17	21	16	18	16	14	9	9	11	10	12	9	12	11	11	24	24.	
11	16	7	14	12	14	10	14	13	16	16	16	13	10	18	17	16	15	16	19	13	14	12	13	17	24	19.	
12	17	20	17	20	20	18	16	16	13	18	16	13	15	10	16	13	8	9	7	3	1	6	5	4	24	20.	
13	5	8	6	3	7	3	3	6	7	7	7	AX	BA	BA	8	14	11	13	13	16	12	15	15	6	21	16.	
14	6	6	6	9	6	4	6	6	9	9	6	6	6	9	8	9	10	10	13	12	18	15	12	14	24	18.	
15	18	12	17	14	15	12	12	12	11	8	13	10	17	17	14	11	7	13	15	10	15	19	13	12	24	19.	
16	14	12	11	12	12	11	15	5	8	9	7	4	2	0	5	3	3	10	10	9	7	7	6	6	24	15.	
17	5	7	4	3	6	5	4	4	1	-5	-5	5	2	6	4	3	4	5	8	13	14	9	14	9	24	14.	
18	5	6	6	4	6	6	6	10	6	10	7	9	56	5	10	11	8	8	6	10	10	15	16	12	13	24	56.
19	11	10	8	7	5	3	7	8	12	10	10	8	8	16	13	10	13	12	17	16	15	22	12	15	24	22.	
20	12	14	10	13	15	12	13	11	12	11	10	13	18	19	12	11	13	19	17	27	16	19	20	12	24	27.	
21	16	15	14	14	12	11	11	14	11	18	20	18	17	13	16	14	19	20	18	20	34	30	26	43	24	43.	
22	33	27	22	19	18	14	19	20	16	21	21	18	8	10	10	10	9	9	16	14	26	18	10	15	24	33.	
23	17	8	10	7	9	13	11	10	10	9	15	9	11	14	17	14	21	22	15	10	14	15	7	9	24	22.	
24	6	5	7	7	10	8	11	9	9	13	12	11	9	13	18	6	9	11	12	11	12	16	9	13	24	18.	
25	14	9	7	7	8	6	8	11	7	7	9	7	8	10	11	10	8	13	13	16	19	12	8	6	24	19.	
26	6	8	6	7	12	16	13	AX	BA	BA	BA	11	20	16	8	10	10	13	14	12	22	14	18	17	20	22.	
27	13	12	15	11	11	15	12	12	15	19	15	16	18	16	22	20	20	22	18	15	13	16	17	15	24	22.	
28	14	14	16	8	13	10	11	9	13	16	16	9	10	10	12	9	10	13	15	21	16	14	19	11	24	21.	
29	10	3	1	10	7	8	11	11	11	13	16	7	12	10	9	5	2	10	7	4	6	8	6	6	24	16.	
30	5	6	6	5	8	7	6	5	6	5	3	2	3	2	3	3	6	15	10	21	13	12	9	9	24	21.	
31	10	14	15	9	12	13	9	15	7	12	10	11	10	12	15	16	15	19	17	15	18	31	31	23	24	31.	
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	31	31	
MAX:	33.	27.	22.	20.	20.	18.	19.	24.	23.	31.	22.	18.	56.	20.	22.	25.	22.	22.	21.	29.	34.	31.	31.	43.			
AVG:	11.9	10.4	10.2	10.2	10.6	10.0	10.4	10.8	11.0	13.1	12.3	10.9	13.0	12.2	11.8	11.1	11.5	12.9	13.0	14.3	15.1	15.5	13.8	13.1			

MONTHLY OBSERVATIONS: 731 MONTHLY MEAN: 12.1 MONTHLY MAX: 56.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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: SLAMS
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

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	20	19	16	16	13	14	11	16	17	20	27	21	21	19	21	18	20	25	22	20	23	20	20	24	24	27.	
2	16	18	25	16	16	17	16	19	18	24	18	18	6	5	5	5	10	10	7	17	14	13	11	12	24	25.	
3	18	6	11	8	12	11	14	14	19	27	16	20	19	20	21	15	11	18	16	16	27	27	37	28	24	37.	
4	25	15	16	13	14	9	10	14	16	12	16	18	18	17	18	21	24	22	20	20	14	22	19	31	24	31.	
5	40	47	58	39	16	15	11	10	11	6	7	7	10	8	15	8	9	12	9	24	15	12	15	17	24	58.	
6	17	12	13	12	11	11	12	11	11	10	15	15	19	18	AX	BA	BA	22	19	16	16	19	24	8	21	24.	
7	17	14	14	13	19	16	20	17	16	45	29	27	13	8	3	1	-1	4	4	1	2	3	2	3	24	45.	
8	8	7	4	5	4	4	3	3	3	5	4	-2	-1	0	0	1	1	1	10	6	3	6	5	4	24	10.	
9	2	1	5	3	1	0	2	1	0	1	3	3	2	4	7	4	2	2	5	3	3	3	2	5	24	7.	
10	5	5	4	8	7	9	10	9	8	7	8	13	11	12	11	11	17	13	20	19	19	11	11	7	24	20.	
11	7	7	9	6	4	4	2	3	4	4	7	11	10	6	5	4	8	12	10	14	14	11	19	18	24	19.	
12	26	23	21	23	18	13	16	15	9	11	12	17	12	10	13	12	10	12	19	10	17	20	20	23	24	26.	
13	18	17	10	9	9	9	7	5	3	5	6	8	6	10	6	5	2	9	14	10	13	8	7	10	24	18.	
14	12	12	18	12	13	15	18	15	20	16	10	AZ	BA	BA	12	7	7	7	8	8	12	9	7	14	21	20.	
15	8	10	12	10	8	14	9	10	14	12	10	6	9	6	8	9	12	14	14	16	16	19	15	24	19.		
16	13	14	18	16	14	13	16	15	19	20	15	3	4	4	6	6	6	6	21	17	17	19	13	13	24	21.	
17	13	12	10	10	8	10	8	9	12	8	6	7	5	4	7	5	13	11	18	14	16	16	22	25	24	25.	
18	17	19	24	19	16	27	15	25	20	12	8	8	13	13	17	12	13	11	17	17	14	14	8	12	24	27.	
19	11	11	9	21	8	10	6	3	2	1	3	3	3	5	6	4	2	4	7	6	6	6	8	5	24	21.	
20	7	12	11	10	9	9	9	15	12	8	6	5	9	8	5	4	6	8	16	17	23	17	22	22	24	23.	
21	21	19	18	17	16	19	18	16	18	19	22	15	11	11	19	15	12	13	15	15	17	21	20	21	24	22.	
22	18	20	21	16	19	18	11	15	13	13	9	9	11	11	15	14	13	13	10	7	6	12	8	7	24	21.	
23	8	10	10	7	11	7	12	10	10	10	6	3	6	6	8	11	9	9	12	12	19	21	21	26	24	26.	
24	26	24	23	20	23	21	20	18	13	14	17	4	7	5	3	5	8	13	21	24	19	30	39	30	24	39.	
25	26	23	24	24	26	21	23	18	18	16	13	14	13	16	11	18	11	17	20	16	24	20	23	24	24	26.	
26	26	22	15	12	11	13	14	11	11	6	4	3	7	7	5	3	3	9	19	16	15	20	23	30	24	30.	
27	17	11	13	15	11	9	11	15	11	12	9	9	6	5	6	7	8	14	24	32	21	23	23	22	24	32.	
28	22	20	16	15	12	14	12	16	15	13	23	17	20	14	19	15	12	12	27	27	22	22	25	22	24	27.	
29	21	21	21	24	17	14	22	27	18	23	13	14	12	AX	BA	BA	12	18	36	24	33	33	33	28	21	36.	
30	30	21	21	22	18	16	14	15	23	24	24	23	23	20	23	20	14	37	39	48	32	27	39	35	24	48.	
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	30		
MAX:	40.	47.	58.	39.	26.	27.	23.	27.	23.	45.	29.	27.	23.	20.	23.	21.	24.	37.	39.	48.	33.	33.	39.	35.			
AVG:	17.2	15.7	16.3	14.7	12.8	12.7	12.4	13.0	12.8	13.5	12.2	11.0	10.5	9.7	10.5	9.3	9.3	12.5	16.6	16.3	16.4	16.7	18.2	18.0			

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: 13.7 MONTHLY MAX: 58.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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: SLAMS
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

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	33	25	27	30	24	27	27	24	28	23	95	14	14	14	17	22	16	24	25	35	29	32	19	21	24	95.															
2	17	22	19	21	17	22	17	20	19	20	22	23	22	21	17	18	19	16	19	18	23	19	17	20	24	23.															
3	21	20	21	20	23	19	22	20	19	19	18	22	24	18	21	14	18	18	19	26	29	28	30	27	24	30.															
4	20	21	25	19	21	21	21	17	16	17	14	15	17	18	13	12	12	18	27	18	20	23	28	20	24	28.															
5	24	20	17	18	18	13	18	14	20	25	31	16	20	19	13	18	19	23	21	18	12	19	17	3	24	31.															
6	4	5	4	5	15	9	4	4	3	4	4	6	7	5	3	8	8	7	6	5	6	11	10	10	24	15.															
7	9	9	9	12	8	6	4	6	11	12	9	7	9	7	6	AX	BA	BA	6	8	10	10	11	14	21	14.															
8	12	14	13	18	20	24	14	15	12	15	15	16	12	10	9	11	9	7	6	6	5	6	8	7	24	24.															
9	5	4	6	3	2	4	5	5	7	5	3	2	2	1	4	8	7	7	8	13	9	9	9	11	24	13.															
10	13	11	13	11	9	8	10	11	11	10	6	6	8	8	8	11	8	15	17	17	21	19	23	19	24	23.															
11	19	19	15	15	14	14	15	17	20	20	19	18	11	10	9	8	10	16	24	24	30	14	19	19	24	30.															
12	23	11	15	16	16	16	15	14	16	17	22	19	16	16	16	16	14	11	10	9	10	9	8	7	24	23.															
13	5	4	7	7	9	9	9	11	6	17	6	12	8	6	6	7	7	6	2	19	8	6	10	9	7	24	19.														
14	7	8	17	19	11	14	12	13	15	14	15	11	13	13	10	9	9	22	22	31	14	22	15	20	24	31.															
15	13	17	17	12	13	15	11	10	18	10	18	113	V	98	V	12	18	18	19	18	18	22	26	23	24	21	24	113.													
16	20	14	14	13	15	11	11	16	17	16	8	11	11	10	11	13	13	13	17	22	25	27	27	25	24	27.															
17	24	26	25	18	20	22	21	21	22	23	20	23	21	18	18	23	15	17	22	22	25	26	22	25	24	26.															
18	23	22	17	20	22	19	18	18	22	23	18	22	22	23	24	23	24	21	23	40	30	32	30	30	24	40.															
19	28	25	24	25	25	25	26	27	25	AX	BA	BA	17	14	13	14	11	16	32	22	25	19	19	20	21	32.															
20	16	17	16	19	16	15	17	20	16	13	10	12	9	10	7	4	3	8	12	12	10	10	12	18	24	20.															
21	15	14	12	11	14	16	16	20	14	16	14	13	11	10	9	15	11	15	19	19	21	18	26	23	24	26.															
22	17	17	21	20	19	16	15	18	19	25	19	17	15	12	11	7	6	14	17	16	15	14	15	20	24	25.															
23	18	18	13	19	16	21	17	15	15	13	12	10	10	11	10	14	11	12	14	9	18	9	12	8	24	21.															
24	4	4	2	6	5	2	2	6	6	5	4	3	5	6	7	10	9	10	10	9	17	13	15	19	24	19.															
25	27	19	18	17	12	7	4	4	5	6	8	5	5	4	5	3	5	6	6	8	7	6	7	12	24	27.															
26	9	7	8	5	4	4	4	6	7	6	3	1	3	4	2	4	3	3	6	17	17	16	21	25	24	25.															
27	25	21	16	15	9	8	10	10	10	10	10	8	8	6	5	8	10	12	11	9	7	10	10	8	24	25.															
28	10	9	10	18	10	6	11	6	14	6	13	6	13	6	9	6	9	6	10	6	12	6	9	6	13	6	16	6	24	18.											
29	18	6	17	6	18	6	17	6	18	6	11	6	17	6	11	11	10	14	14	17	6	15	6	19	6	12	6	21	6	19	6	21	6	34	36	24	36.				
30	29	31	26	21	24	19	23	24	21	20	6	22	6	19	6	19	6	20	6	14	6	21	6	16	6	20	6	25	6	23	6	8	6	14	6	11	6	13	6	24	31.
31	12	6	15	6	13	11	10	6	9	6	9	6	9	6	7	6	5	6	4	6	7	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	6	6	24	15.	
NO.:	31	31	31	31	31	31	31	31	31	30	30	30	31	31	31	30	30	30	30	31	31	31	31	31	31	31	31														
MAX:	33.	31.	27.	30.	25.	27.	27.	27.	28.	25.	95.	113.	98.	23.	24.	23.	24.	24.	24.	32.	40.	30.	32.	34.	36.																
AVG:	16.8	15.7	15.4	15.5	14.8	14.3	13.8	14.4	14.9	14.5	15.9	15.5	14.7	11.4	10.7	12.1	11.3	13.5	16.0	16.9	16.5	16.2	17.0	17.1																	

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 14.8 MONTHLY MAX: 113.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-081-0013 POC: 3
 COUNTY: (081) Guilford
 CITY: (28000) Greensboro
 SITE ADDRESS: 205 WILLOUGHBY BLVD
 SITE COMMENTS: MONITOR LOCATION MIDDLE OF PLAY FIELD
 MONITOR COMMENTS: THE MONITOR WAS CALIBRATED ON 12/03/2015 SO NO FLOW RATE AUDITS WERE COMPLETED

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: 3

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

REPORT FOR: JANUARY 2017

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A

UNITS: Micrograms/cubic meter (25 C)

PQAO: (0776) North Carolina Dept Of Environmental Quality

MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	9	8	8	9	9	7	5	5	8	7	7	4	2	3	7	7	10	7	6	6	4	3	7	4	24	10.
2	5	3	1	4	3	3	4	2	1	0	0	4	3	1	3	2	1	4	6	5	4	3	3	4	24	6.
3	2	2	2	2	3	0	-2	0	4	1	AX	AX	BA	BA	2	4	7	7	6	7	5	4	4	6	20	7.
4	10	10	6	7	7	6	6	8	8	4	-1	-2	0	1	3	5	4	5	6	10	5	6	7	6	24	10.
5	5	7	7	5	6	10	9	11	6	2	2	2	4	3	2	5	5	10	7	8	12	12	14	9	24	14.
6	10	9	9	7	10	8	7	7	6	6	2	4	3	2	4	6	7	9	9	8	8	7	14	9	24	14.
7	3	8	6	5	4	7	6	9	11	11	7	8	7	10	9	11	11	14	23	29	22	15	16	11	24	29.
8	18	14	8	9	7	6	6	9	9	11	9	7	7	7	6	5	8	11	24	35	26	18	17	10	24	35.
9	9	10	7	12	13	20	13	22	15	17	12	14	13	14	14	15	13	18	23	25	36	35	40	24	24	40.
10	24	24	16	16	16	16	20	22	25	22	18	16	13	12	9	8	10	14	29	25	26	24	26	21	24	29.
11	16	15	12	17	10	12	11	10	16	25	24	20	20	20	15	15	11	15	14	11	15	14	11	13	24	25.
12	13	12	7	4	2	7	8	9	9	9	12	13	8	6	10	8	11	12	10	10	9	8	6	10	24	13.
13	11	7	11	9	14	9	12	11	13	11	17	11	3	4	3	2	7	5	2	3	4	3	9	11	24	17.
14	8	6	8	5	7	8	7	4	3	4	5	4	4	3	9	12	12	13	16	21	17	18	20	20	24	21.
15	23	18	18	19	18	17	15	18	15	16	15	5	6	10	7	4	5	10	7	5	8	7	8	5	24	23.
16	5	7	7	8	8	5	3	8	7	7	7	12	10	15	14	15	14	14	15	15	12	14	11	19	24	19.
17	11	12	16	25	25	24	24	28	17	7	12	AX	BA	BA	15	21	10	17	12	13	10	8	12	10	21	28.
18	6	12	9	10	10	13	17	9	6	3	1	4	3	-1	0	1	2	3	1	2	3	5	5	7	24	17.
19	5	4	6	7	6	4	3	4	12	7	5	4	5	9	9	5	5	7	16	17	17	15	17	15	24	17.
20	17	17	17	13	13	19	16	16	14	14	15	11	8	10	12	10	10	11	14	14	10	12	12	16	24	19.
21	17	16	14	14	12	10	10	12	9	13	7	3	5	6	11	10	6	3	0	1	2	3	4	1	24	17.
22	2	1	1	0	0	0	-2	3	4	1	-1	-3	-2	2	3	1	2	2	1	5	5	1	0	0	24	5.
23	-3	-4	-1	-1	-3	-2	1	0	-1	1	3	5	11	8	8	5	1	3	2	3	3	2	2	0	24	11.
24	0	1	1	3	2	0	2	0	2	3	1	0	-4	-4	-1	0	1	1	2	7	5	3	3	3	24	7.
25	3	3	4	3	7	8	6	10	17	16	5	8	8	6	5	4	10	7	11	7	5	6	4	7	24	17.
26	5	4	6	7	4	5	6	10	7	8	7	5	7	6	6	2	1	5	5	5	3	3	6	6	24	10.
27	7	8	5	6	5	4	7	8	8	8	7	7	5	3	3	4	6	6	7	9	8	8	8	6	24	9.
28	3	4	6	7	7	7	7	8	7	10	11	7	4	2	4	4	3	6	4	6	8	13	13	12	24	13.
29	11	11	10	8	8	8	6	10	11	11	7	5	6	6	8	6	3	5	7	10	9	10	8	4	24	11.
30	2	3	2	2	4	7	4	3	2	4	8	5	2	3	5	5	8	8	9	16	25	18	22	24	24	25.
31	24	20	14	17	10	11	9	8	10	10	8	6	9	7	7	5	7	9	14	16	14	15	5	7	24	24.
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	31	
MAX:	24.	24.	18.	25.	25.	24.	24.	28.	25.	25.	24.	20.	20.	20.	15.	21.	14.	18.	29.	35.	36.	35.	40.	24.		
AVG:	9.1	8.8	7.8	8.4	8.0	8.4	7.9	9.2	9.1	8.7	7.7	6.5	5.9	6.0	6.8	6.6	6.8	8.4	9.9	11.3	11.0	10.2	10.8	9.7		

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: 8.5 MONTHLY MAX: 40.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-081-0013 POC: 3
 COUNTY: (081) Guilford
 CITY: (28000) Greensboro
 SITE ADDRESS: 205 WILLOUGHBY BLVD
 SITE COMMENTS: MONITOR LOCATION MIDDLE OF PLAY FIELD
 MONITOR COMMENTS: THE MONITOR WAS CALIBRATED ON 12/03/2015 SO NO FLOW RATE AUDITS WERE COMPLETED

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: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	9	11	13	12	11	11	10	17	16	19	25	20	18	14	15	18	19	11	16	15	16	17	14	15	24	25.	
2	16	11	13	12	18	16	14	12	14	12	7	6	5	5	6	6	11	18	16	13	12	9	8	6	24	18.	
3	7	9	7	6	5	6	7	8	8	6	6	6	8	11	10	7	5	6	12	12	12	11	10	7	24	12.	
4	8	7	6	10	7	8	7	9	8	6	7	9	7	9	9	8	7	11	9	16	24	16	22	24	24	24.	
5	24	21	17	13	16	15	17	10	18	7	9	9	7	9	7	5	7	10	15	20	29	17	13	16	24	29.	
6	16	15	14	17	12	13	12	14	20	AX	BA	9	8	7	5	3	2	11	13	18	15	20	21	21	22	21.	
7	15	23	15	16	20	15	15	15	20	18	16	23	17	20	18	14	15	22	19	11	13	16	11	14	24	23.	
8	8	4	3	4	2	0	3	5	5	4	3	1	1	2	2	4	3	9	10	7	10	10	7	1	24	10.	
9	6	7	4	3	3	4	4	2	2	3	3	AV	5	AV	1	3	5	4	4	9	7	5	6	8	22	9.	
10	7	6	7	6	3	3	8	10	9	6	6	6	8	6	6	12	13	12	10	8	7	10	18	23	24	23.	
11	18	13	10	11	12	16	20	19	20	18	18	15	12	11	14	13	11	10	16	26	19	30	26	17	24	30.	
12	10	9	11	8	6	17	11	13	22	19	13	14	12	10	12	15	11	11	10	10	6	7	5	24	22.		
13	4	2	2	5	7	5	4	4	4	2	2	3	3	2	0	2	3	0	1	4	5	5	7	7	24	7.	
14	5	4	4	7	8	9	8	12	9	8	7	4	9	11	15	17	16	15	20	25	20	31	34	29	24	34.	
15	24	15	16	10	15	11	7	5	4	2	9	6	4	5	7	9	9	7	4	3	5	7	7	6	24	24.	
16	5	13	8	4	5	6	10	10	10	5	3	4	4	3	2	0	1	2	7	6	3	6	4	3	24	13.	
17	4	10	6	4	8	9	10	9	13	8	9	13	7	3	2	4	9	10	11	13	24	22	24	21	24	24.	
18	17	14	22	19	14	13	14	14	11	8	10	8	5	4	4	7	14	15	19	13	11	19	18	17	24	22.	
19	21	16	15	17	18	16	9	8	8	4	1	5	2	0	5	6	3	5	8	11	13	16	19	15	24	21.	
20	13	16	17	15	13	18	15	18	11	11	12	11	9	7	8	8	8	9	14	18	14	14	19	17	24	19.	
21	20	17	11	19	21	20	16	17	12	17	15	16	12	10	17	14	17	15	17	19	19	17	11	17	24	21.	
22	15	15	16	11	9	7	13	10	15	11	17	15	18	AZ	AZ	AZ	23	18	18	13	17	21	15	17	21	23.	
23	22	19	21	15	17	20	16	18	17	22	26	16	10	11	8	12	13	8	8	8	12	18	16	15	24	26.	
24	14	13	10	9	11	8	11	18	18	23	8	9	6	3	17	8	14	15	11	19	17	20	13	9	24	23.	
25	10	11	13	12	11	7	7	9	6	12	21	5	11	8	9	9	5	6	7	6	4	3	6	6	24	21.	
26	7	5	5	3	5	5	6	5	5	5	9	8	6	6	3	3	4	11	9	17	29	30	27	19	24	30.	
27	25	25	25	21	19	14	15	14	29	24	8	6	7	8	9	9	21	13	16	13	15	14	13	16	24	29.	
28	18	17	16	14	16	20	16	16	23	16	15	15	32	10	9	10	9	10	12	10	9	17	26	28	24	32.	
29																										0	
30																										0	
31																										0	
NO.:	28	28	28	28	28	28	28	28	28	27	27	27	28	26	27	27	28	28	28	28	28	28	28	28	28	28	
MAX:	25.	25.	25.	21.	21.	20.	20.	19.	29.	24.	26.	23.	32.	20.	18.	18.	23.	22.	20.	26.	29.	31.	34.	29.			
AVG:	13.1	12.4	11.7	10.8	11.1	11.1	10.9	11.5	12.8	11.0	10.6	9.7	9.0	7.5	8.1	8.3	10.1	10.5	11.9	13.0	14.0	15.3	15.1	14.3			

MONTHLY OBSERVATIONS: 665 MONTHLY MEAN: 11.4 MONTHLY MAX: 34.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-081-0013 POC: 3
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 CITY: (28000) Greensboro
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 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: 3

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

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	24	34	35	24	16	14	16	12	14	10	16	12	15	16	6	16	15	11	5	2	1	2	3	4	24	35.	
2	3	10	6	4	5	9	8	7	6	4	2	4	3	1	1	0	0	3	5	11	7	15	12	10	24	15.	
3	5	3	4	10	9	7	5	7	6	5	5	6	4	3	4	5	4	5	6	4	6	12	12	7	24	12.	
4	6	7	7	9	10	9	10	10	6	6	5	4	4	5	5	7	7	8	8	16	20	25	30	28	24	30.	
5	25	19	21	15	11	9	9	18	13	12	14	10	12	10	8	13	14	16	15	15	13	21	18	13	24	25.	
6	14	13	12	15	13	18	16	19	23	22	21	AX	BA	15	18	15	21	21	17	17	17	29	30	33	22	33.	
7	29	28	23	22	24	25	25	20	18	12	16	18	10	13	14	13	30	20	25	19	14	15	13	23	24	30.	
8	16	10	9	9	11	7	3	0	1	2	2	2	2	6	10	20	18	11	9	13	15	12	10	6	24	20.	
9	5	9	8	6	3	4	5	13	10	11	9	5	9	9	8	8	12	14	17	18	12	18	18	19	24	19.	
10	14	14	19	19	22	19	20	10	11	7	3	2	6	5	5	3	1	3	4	7	6	5	6	3	24	22.	
11	3	4	8	6	5	6	3	3	4	6	28	3	6	6	5	6	8	9	13	17	14	15	9	5	24	28.	
12	4	4	7	4	6	4	4	5	4	5	6	5	5	6	6	5	6	7	12	17	9	11	8	24	17.		
13	8	8	8	10	9	11	10	10	12	8	10	11	9	9	9	12	11	10	11	10	6	8	5	4	24	12.	
14	6	5	3	2	3	5	5	6	5	8	4	8	6	3	3	5	8	11	11	9	6	4	6	6	24	11.	
15	4	5	4	6	5	6	5	8	6	5	6	8	7	6	8	5	3	5	7	6	6	6	6	5	24	8.	
16	8	8	5	4	7	9	9	9	10	9	8	7	6	5	5	10	9	8	10	12	14	9	13	10	24	14.	
17	12	10	11	9	9	13	13	14	22	AX	BA	BA	13	10	9	9	11	19	12	16	13	12	16	17	21	22.	
18	11	11	10	14	17	18	13	24	20	23	19	22	17	12	12	7	6	8	8	6	10	10	6	3	24	24.	
19	2	2	5	4	2	2	1	3	4	1	0	4	4	1	1	0	0	4	4	4	5	5	2	2	24	5.	
20	3	2	2	5	6	5	4	10	9	6	4	2	22	6	5	10	8	14	12	9	12	12	8	10	24	22.	
21	13	10	10	9	13	18	20	21	23	19	20	20	20	48	22	18	24	20	16	19	18	13	11	8	24	48.	
22	6	5	5	3	3	7	13	8	6	5	6	4	3	2	2	9	8	7	5	5	4	5	6	6	24	13.	
23	7	6	8	9	6	8	8	11	9	6	6	7	6	9	10	11	12	8	8	12	15	18	15	13	24	18.	
24	19	20	25	19	21	17	23	22	16	19	21	24	16	12	16	15	19	20	12	18	16	16	21	19	24	25.	
25	22	21	15	17	17	17	12	16	25	33	8	6	9	12	9	13	9	13	11	12	14	14	12	15	24	33.	
26	15	15	13	15	13	13	10	6	11	9	10	8	11	7	6	10	14	9	5	3	4	10	10	8	24	15.	
27	5	5	4	2	5	5	7	4	11	6	5	9	10	13	14	16	17	20	17	16	15	16	12	12	24	20.	
28	8	13	7	12	9	5	4	4	3	3	3	1	4	7	5	9	7	6	5	6	7	3	-1	2	24	13.	
29	3	3	2	2	6	4	5	3	1	0	1	1	4	4	2	2	6	5	6	10	8	8	13	14	24	14.	
30	10	9	12	15	15	14	13	12	10	8	17	9	15	12	11	14	17	22	23	19	14	14	12	14	24	23.	
31	10	8	8	13	7	3	0	0	4	4	1	0	6	9	13	8	2	4	4	-1	-1	5	5	0	24	13.	
NO.:	31	31	31	31	31	31	31	31	31	30	30	29	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31
MAX:	29.	34.	35.	24.	24.	25.	25.	24.	25.	33.	28.	24.	22.	48.	22.	20.	30.	22.	25.	19.	20.	29.	30.	30.	33.	33.	
AVG:	10.3	10.4	10.2	10.1	9.9	10.0	9.6	10.2	10.4	9.1	9.2	7.7	8.8	9.1	8.1	9.5	10.5	11.0	10.3	11.0	10.6	11.8	11.3	10.5	10.5	10.5	

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 10.0 MONTHLY MAX: 48.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-081-0013 POC: 3
 COUNTY: (081) Guilford
 CITY: (28000) Greensboro
 SITE ADDRESS: 205 WILLOUGHBY BLVD
 SITE COMMENTS: MONITOR LOCATION MIDDLE OF PLAY FIELD
 MONITOR COMMENTS: THE MONITOR WAS CALIBRATED ON 12/03/2015 SO NO FLOW RATE AUDITS WERE COMPLETED

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: 3

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

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

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	1	3	5	3	0	-1	1	1	2	3	0	-1	-1	1	0	-2	0	1	3	3	3	5	24	5.	
2	4	2	2	2	1	2	2	2	2	4	3	2	2	1	2	2	0	40	6	7	4	5	6	6	24	40.	
3	5	5	10	9	6	8	8	7	15	15	13	13	AX	BA	11	8	9	7	1	-3	4	4	1	2	22	15.	
4	0	-1	2	3	3	4	6	6	10	8	12	7	10	8	10	8	7	12	11	10	7	6	9	10	24	12.	
5	11	9	10	8	10	8	6	8	7	17	20	14	11	12	17	18	4	4	5	2	2	6	6	6	24	20.	
6	5	7	8	6	8	9	6	2	1	9	13	10	4	2	3	6	4	0	-1	4	4	3	1	2	24	13.	
7	3	1	2	4	4	2	1	4	4	2	4	3	3	2	3	4	3	2	4	2	2	6	8	6	24	8.	
8	8	6	4	5	5	9	8	7	6	6	8	6	2	4	4	3	2	2	4	7	7	19	27	33	24	33.	
9	32	29	19	17	12	13	11	9	9	6	2	1	4	3	3	3	4	5	9	7	11	9	11	13	24	32.	
10	10	13	15	12	10	6	9	11	13	13	15	11	10	10	13	9	8	8	14	9	7	8	9	8	24	15.	
11	13	16	12	9	6	5	5	5	8	7	10	11	10	12	12	14	12	10	17	10	8	10	9	11	24	17.	
12	11	12	9	13	11	9	10	11	10	16	16	6	4	4	7	6	4	4	9	9	8	16	12	9	24	16.	
13	5	5	6	6	7	6	11	10	8	13	6	17	11	13	14	12	10	9	7	9	12	11	16	15	20	24	20.
14	18	14	16	13	12	13	8	12	7	9	11	10	16	11	16	14	19	13	16	17	17	13	15	16	24	19.	
15	18	16	19	12	17	10	14	11	11	20	23	20	22	16	20	20	19	16	16	14	19	12	19	19	24	23.	
16	16	16	15	15	16	12	12	14	18	16	17	18	18	38	28	19	21	21	31	30	26	21	21	18	24	38.	
17	19	15	14	16	12	13	11	16	10	21	17	18	8	9	16	23	14	11	11	6	4	5	4	1	24	23.	
18	1	2	3	4	5	5	3	3	3	16	15	AX	BA	2	7	11	11	14	9	14	40	34	5	10	22	40.	
19	9	8	9	4	2	5	6	6	5	2	1	3	5	4	5	4	5	5	7	7	7	7	17	27	24	27.	
20	6	6	5	6	18	16	15	16	13	12	21	19	21	17	20	19	21	29	31	41	15	15	10	12	24	41.	
21	14	11	10	12	18	16	9	16	17	15	19	8	20	14	15	9	16	3	7	14	11	16	6	5	24	20.	
22	3	1	5	4	3	8	5	10	9	12	20	17	23	24	27	27	49	8	7	5	0	-2	-2	-1	24	49.	
23	3	3	2	1	0	-1	2	1	1	2	0	2	3	0	3	-2	-2	1	1	0	-1	-1	-1	-2	24	3.	
24	-2	0	-2	-2	2	1	-2	-1	2	2	0	-1	-1	-3	-5	-4	-5	-5	-4	-1	0	-1	-4	-5	24	2.	
25	-5	-1	-3	-5	-5	-2	-3	-5	-3	-2	-3	-4	-5	-5	-4	5	3	3	3	-2	-3	2	-1	-2	24	5.	
26	3	3	6	4	1	2	1	1	6	6	3	6	8	6	3	3	6	7	11	11	9	8	16	10	24	16.	
27	9	7	6	13	16	14	10	8	10	13	15	16	16	54	33	9	16	8	10	11	10	14	10	7	24	54.	
28	13	9	8	7	7	7	9	6	16	16	20	6	18	14	18	15	17	16	17	16	15	17	15	16	24	20.	
29	16	21	14	18	12	19	23	17	15	15	17	19	17	14	16	10	15	16	22	20	15	19	15	12	24	23.	
30	11	13	7	6	4	7	7	6	3	1	6	13	7	1	2	3	4	3	0	1	4	5	5	6	24	13.	
31																										0	
NO.:	30	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:	32.	29.	19.	18.	18.	19.	23.	17.	18.	21.	23.	20.	23.	54.	33.	27.	49.	40.	31.	41.	40.	34.	27.	33.			
AVG:	8.6	8.2	7.8	7.5	7.6	7.6	7.1	7.3	7.9	9.8	11.2	9.2	9.6	9.9	10.5	9.4	9.8	8.8	9.4	9.4	8.9	9.8	8.9	9.3			

MONTHLY OBSERVATIONS: 716 MONTHLY MEAN: 8.9 MONTHLY MAX: 54.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-081-0013 POC: 3
 COUNTY: (081) Guilford
 CITY: (28000) Greensboro
 SITE ADDRESS: 205 WILLOUGHBY BLVD
 SITE COMMENTS: MONITOR LOCATION MIDDLE OF PLAY FIELD
 MONITOR COMMENTS: THE MONITOR WAS CALIBRATED ON 12/03/2015 SO NO FLOW RATE AUDITS WERE COMPLETED

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: 3

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

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	6	10	9	8	6	8	7	4	2	7	5	AX	BA	7	6	7	12	14	11	5	1	2	2	4	22	14.	
2	4	10	8	5	7	11	17	10	8	10	7	4	2	7	6	6	6	5	7	6	5	5	0	7	24	17.	
3	10	5	4	7	9	8	7	5	10	7	7	4	3	5	2	2	5	7	4	6	8	13	10	7	24	13.	
4	9	9	8	6	6	9	5	4	6	9	7	8	7	5	11	7	51	7	5	9	9	14	7	6	24	51.	
5	5	-1	-5	-5	-1	-2	-2	0	0	2	4	4	5	6	5	3	5	6	2	4	4	4	6	4	24	6.	
6	3	0	-1	0	-1	0	0	-1	1	2	1	0	1	7	8	9	8	7	6	4	6	4	3	4	24	9.	
7	2	2	5	4	2	3	7	5	4	8	5	3	4	2	2	5	3	3	7	6	6	7	11	10	24	11.	
8	10	7	6	5	7	6	6	7	7	6	4	5	3	2	2	4	4	4	4	3	7	6	7	7	24	10.	
9	6	5	4	4	4	5	2	1	3	4	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	10	6.	
10	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	AX	16	19	18	18	21	14	21	15	18	17	16	11	21.	
11	16	17	19	17	13	13	15	13	14	19	14	16	15	16	10	17	12	12	17	11	18	2	5	4	24	19.	
12	4	3	1	0	0	-1	1	0	0	0	-2	-2	-1	0	-1	8	5	-2	-2	-1	51	4	-1	-5	24	51.	
13	-4	-2	-3	-3	-2	0	0	-2	-3	0	-1	-5	-5	-1	0	-2	-1	5	4	1	2	2	4	4	24	5.	
14	4	4	3	3	4	3	7	7	8	10	9	8	8	11	10	10	10	16	21	15	13	16	15	15	24	21.	
15	10	6	9	11	12	9	12	10	10	14	16	13	14	15	16	12	10	10	9	13	12	12	9	14	24	16.	
16	12	9	8	10	9	9	7	8	10	15	AX	AX	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	10	15.	
17	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
18	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
19	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
20	20	19	18	16	22	14	17	12	11	12	11	18	8	11	10	12	13	13	12	16	7	9	16	35	24	35.	
21	13	26	17	22	20	16	10	6	7	8	7	9	8	10	11	11	13	15	16	28	15	16	16	10	24	28.	
22	15	12	15	14	12	10	6	3	2	2	5	3	4	5	8	6	9	6	14	16	12	9	8	7	24	16.	
23	6	6	6	8	5	5	4	3	3	4	5	4	2	3	2	0	0	-2	2	5	4	0	1	1	24	8.	
24	1	1	-1	0	4	7	1	2	3	-1	-3	AZ	8	4	4	4	9	8	6	1	0	5	5	8	23	9.	
25	6	4	2	4	3	3	6	8	6	7	9	7	9	7	8	9	6	5	9	7	7	11	8	10	24	11.	
26	8	10	7	13	13	12	13	12	15	14	15	9	8	14	12	10	12	10	7	15	12	11	22	19	24	22.	
27	20	17	12	14	17	15	21	11	10	9	18	17	16	21	12	16	16	16	14	18	10	18	15	14	24	21.	
28	8	6	7	9	6	6	5	8	7	8	6	4	5	7	5	3	4	8	6	1	3	7	4	9	24	9.	
29	7	5	6	4	10	8	6	7	6	9	9	6	6	7	10	8	6	6	13	15	11	7	15	9	24	15.	
30	6	12	10	13	12	13	14	14	12	10	8	15	7	8	9	14	13	12	12	17	11	11	12	11	24	17.	
31	11	15	6	9	8	12	10	9	13	12	10	7	9	13	11	17	8	10	9	16	16	6	6	11	24	17.	
NO.:	27	27	27	27	27	27	27	27	27	27	25	23	24	26	26	26	26	27	27	27	27	27	27	27	27		
MAX:	20.	26.	19.	22.	22.	16.	21.	14.	15.	19.	18.	18.	16.	21.	19.	18.	51.	21.	21.	28.	51.	18.	22.	35.			
AVG:	8.1	8.0	6.7	7.3	7.7	7.5	7.6	6.1	6.5	7.7	7.0	6.8	6.1	8.0	7.6	8.3	9.9	8.7	8.9	9.9	10.3	8.5	8.9	9.2			

MONTHLY OBSERVATIONS: 635 MONTHLY MEAN: 8.0 MONTHLY MAX: 51.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-081-0013 POC: 3
 COUNTY: (081) Guilford
 CITY: (28000) Greensboro
 SITE ADDRESS: 205 WILLOUGHBY BLVD
 SITE COMMENTS: MONITOR LOCATION MIDDLE OF PLAY FIELD
 MONITOR COMMENTS: THE MONITOR WAS CALIBRATED ON 12/03/2015 SO NO FLOW RATE AUDITS WERE COMPLETED

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (3115) GREENSBORO, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY
 IN CALENDAR YEAR 2015.

CAS NUMBER:
 LATITUDE: 36.109167
 LONGITUDE: -79.801111
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 247
 PROBE HEIGHT: 3

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

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM							
1	12	14	9	11	8	4	1	11	8	9	9	12	11	8	13	12	11	14	15	16	6	16	19	17	24	19.							
2	13	17	14	17	12	17	11	13	15	13	8	9	7	13	15	10	10	11	9	17	7	12	16	17	24	17.							
3	18	20	20	15	18	16	19	12	19	16	19	8	20	20	20	19	15	16	12	15	12	11	17	28	24	28.							
4	20	14	20	15	18	17	17	10	18	17	20	17	16	16	19	14	21	11	8	7	8	7	11	14	24	21.							
5	8	8	8	4	2	4	6	7	6	3	1	5	5	2	6	6	6	6	4	6	3	6	7	6	10	6	9	6	24	10.			
6	11	6	11	6	11	6	13	6	12	6	11	6	11	6	10	6	8	17	BA	9	10	9	11	12	11	9	13	7	7	7	7	23	17.
7	8	6	4	6	7	7	8	8	6	6	8	9	6	16	11	12	10	12	9	12	11	13	9	9	24	16.							
8	7	5	9	11	9	7	4	8	8	10	7	AX	BA	19	14	12	8	6	7	7	10	9	8	7	22	19.							
9	13	9	10	9	10	15	11	11	18	14	11	12	15	13	10	9	14	12	14	11	18	17	25	18	24	25.							
10	17	17	17	16	13	18	10	24	21	22	22	19	15	10	12	12	10	16	14	15	14	21	19	26	24	26.							
11	16	15	21	15	13	9	16	16	13	18	15	13	16	18	8	10	15	17	16	19	14	15	12	13	24	21.							
12	13	22	12	12	11	16	15	11	12	19	20	11	14	19	15	18	16	12	19	16	12	24	20	10	24	24.							
13	12	15	13	17	14	18	13	22	18	21	24	24	22	26	23	20	16	19	12	10	10	8	14	9	24	26.							
14	10	12	10	8	8	7	9	10	12	12	11	12	8	11	10	16	13	20	14	16	21	5	3	5	24	21.							
15	8	12	8	17	6	15	14	14	7	6	10	8	13	12	9	8	15	11	10	13	12	14	22	17	24	22.							
16	8	17	18	16	9	8	10	10	14	14	17	18	16	16	15	11	11	11	9	10	9	7	17	9	24	18.							
17	7	5	14	10	9	17	12	9	9	16	12	17	4	7	16	13	8	10	10	12	9	8	6	8	24	17.							
18	9	9	14	15	17	22	19	24	14	14	17	16	12	14	12	9	6	9	12	19	10	9	9	12	24	24.							
19	7	8	5	5	5	3	17	16	16	19	21	14	14	11	10	13	10	11	7	5	5	1	-1	5	24	21.							
20	4	5	3	3	4	11	8	9	10	9	10	12	16	20	7	16	14	20	16	18	10	15	16	9	24	20.							
21	10	9	7	7	5	8	7	9	7	6	10	8	9	15	11	14	12	14	8	12	12	6	4	10	24	15.							
22	7	10	11	9	9	9	9	9	7	10	9	7	15	12	8	5	7	8	10	10	10	8	6	10	24	15.							
23	10	7	11	10	8	6	7	10	18	29	28	38	38	38	48	48	56	49	52	48	44	45	39	37	24	56.							
24	34	32	14	18	6	11	10	11	16	11	6	2	6	4	5	8	7	11	6	4	9	10	11	11	24	34.							
25	10	7	14	10	7	3	11	10	11	6	8	9	9	9	10	11	8	9	15	14	16	15	18	14	24	18.							
26	13	15	13	15	10	15	9	6	13	11	8	AX	BA	13	12	7	10	11	11	8	14	12	13	14	22	15.							
27	13	14	14	13	13	17	12	10	15	9	6	8	11	8	11	7	11	6	6	11	12	9	9	14	24	17.							
28	13	9	12	13	9	8	6	9	11	13	9	11	11	10	8	7	13	9	15	12	14	12	15	11	24	15.							
29	10	16	12	17	14	17	14	16	20	20	20	15	17	21	20	18	17	21	19	16	22	25	21	18	24	25.							
30	17	20	18	17	20	14	11	21	15	15	16	16	13	12	11	15	16	2	3	5	8	6	7	4	24	21.							
31																											0						
NO.:	30	30	30	30	30	30	30	30	30	30	30	27	28	30	30	30	30	30	30	30	30	30	30	30	30								
MAX:	34.	32.	21.	18.	20.	22.	19.	24.	21.	29.	28.	38.	38.	38.	48.	48.	56.	49.	52.	48.	44.	45.	39.	37.									
AVG:	11.9	12.7	12.2	12.1	10.2	11.7	10.9	12.2	12.9	13.2	13.3	13.0	13.1	14.1	13.3	13.0	13.3	13.2	12.4	13.2	12.3	12.5	13.4	13.1									

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 12.6 MONTHLY MAX: 56.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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: THE MONITOR WAS CALIBRATED ON 12/03/2015 SO NO FLOW RATE AUDITS WERE COMPLETED

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (3115) GREENSBORO, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY
 IN CALENDAR YEAR 2015.

CAS NUMBER:
 LATITUDE: 36.109167
 LONGITUDE: -79.801111
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 247
 PROBE HEIGHT: 3

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

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1	4	5	6	6	5	6	7	10	6	5	9	11	8	13	9	8	5	4	8	6	8	7	6	24	13.
2	9	6	6	10	9	13	8	10	15	10	7	5	7	8	7	8	14	11	9	10	10	15	15	12	24	15.
3	12	15	9	10	12	7	6	9	7	8	7	7	9	13	18	16	13	15	8	12	17	4	4	5	24	18.
4	3	7	8	6	6	5	3	-1	1	3	7	9	9	6	6	8	8	9	15	10	15	12	17	24	17.	
5	9	5	6	7	7	8	8	7	10	11	26	16	18	9	AX	BA	7	8	11	16	7	7	11	9	22	26.
6	9	6	15	13	9	9	3	-1	6	4	4	7	10	10	9	6	9	5	15	13	14	11	13	6	24	15.
7	1	2	6	9	6	14	8	12	17	2	10	6	1	1	0	5	4	4	4	6	5	8	7	8	24	17.
8	9	9	9	6	5	12	10	10	10	9	11	14	8	7	8	7	8	5	6	9	8	4	10	8	24	14.
9	10	8	11	15	14	12	9	9	6	9	11	8	8	9	6	10	14	12	6	11	11	9	12	11	24	15.
10	14	10	8	11	12	14	14	16	14	15	17	13	10	17	12	11	16	15	14	18	27	10	9	6	24	27.
11	1	1	5	3	8	9	13	16	12	11	20	19	24	15	10	15	27	12	8	17	9	17	13	19	24	27.
12	10	9	10	11	12	10	11	14	16	21	28	22	19	19	11	14	12	19	18	24	27	20	13	15	24	28.
13	16	10	9	10	6	15	10	13	10	13	12	15	16	22	15	16	18	22	6	7	5	16	12	9	24	22.
14	5	4	8	11	6	6	9	9	13	9	9	7	8	6	3	8	4	4	8	16	12	9	5	5	24	16.
15	4	3	1	4	4	4	6	7	4	3	7	9	6	10	9	7	6	3	4	7	7	10	6	4	24	10.
16	6	6	5	5	6	5	4	6	7	13	11	12	10	9	10	14	17	6	8	12	12	15	8	5	24	17.
17	3	5	4	6	5	4	3	3	15	10	15	14	17	12	75	14	43	10	11	10	8	12	7	10	24	75.
18	9	6	6	8	10	7	8	10	8	11	8	16	18	11	16	14	13	17	10	9	13	12	10	12	24	18.
19	11	6	6	5	6	3	8	8	7	18	17	18	9	9	9	13	9	17	11	15	14	12	16	24	18.	
20	11	10	9	9	9	8	8	9	AX	BA	23	10	11	12	11	11	13	21	21	16	14	17	15	14	22	23.
21	17	12	18	17	14	15	16	18	11	22	15	19	8	9	14	13	10	13	16	18	15	18	18	17	24	22.
22	19	16	12	13	18	11	20	24	22	29	18	23	18	20	18	18	16	24	14	18	12	12	17	15	24	29.
23	18	17	13	14	18	12	18	19	14	21	16	9	11	10	10	13	17	25	4	9	10	14	12	10	24	25.
24	8	7	6	6	9	10	8	13	9	14	20	10	6	6	108	9	15	20	9	32	17	11	16	8	24	108.
25	16	13	7	4	7	11	6	10	14	12	17	38	15	17	14	22	12	8	14	23	14	17	20	12	24	38.
26	15	19	13	13	16	10	8	8	6	24	0	6	14	9	18	16	17	14	21	30	24	18	15	12	24	30.
27	13	19	18	16	17	10	16	16	13	17	20	20	25	13	26	22	22	23	23	40	15	11	9	8	24	40.
28	15	16	17	17	17	21	15	24	16	12	15	15	21	29	19	26	26	19	22	15	9	7	8	13	24	29.
29	17	12	16	13	12	14	10	6	3	3	6	2	-2	-2	1	6	5	8	5	6	6	5	7	6	24	17.
30	12	7	4	5	8	9	9	8	5	6	9	8	7	9	8	6	5	2	3	4	4	4	14	7	24	14.
31	4	10	8	5	3	9	8	6	12	11	14	9	9	9	8	5	5	7	7	5	8	8	8	11	24	14.
NO.:	31	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:	19.	19.	18.	17.	18.	21.	20.	24.	22.	29.	28.	38.	25.	29.	108.	26.	43.	25.	23.	40.	27.	20.	20.	19.		
AVG:	9.9	9.0	9.0	9.3	9.6	9.7	9.3	10.5	10.4	11.9	13.1	12.7	11.6	11.0	16.4	11.9	13.5	12.1	10.8	14.4	12.0	11.5	11.1	10.2		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 11.3 MONTHLY MAX: 108.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-081-0013 POC: 3
 COUNTY: (081) Guilford
 CITY: (28000) Greensboro
 SITE ADDRESS: 205 WILLOUGHBY BLVD
 SITE COMMENTS: MONITOR LOCATION MIDDLE OF PLAY FIELD
 MONITOR COMMENTS: THE MONITOR WAS CALIBRATED ON 12/03/2015 SO NO FLOW RATE AUDITS WERE COMPLETED

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: 3

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

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	9	9	6	10	12	12	11	11	13	16	16	13	11	9	10	11	6	13	10	13	19	14	18	19	24	19.	
2	14	12	10	13	12	17	11	22	34	43	28	24	21	19	22	22	18	15	13	19	54 V	24	13	19	24	54.	
3	17	18	17	20	14	15	17	20	27	22	22	27	22	25	20	18	36	21	25	22	32	22	17	14	24	36.	
4	15	14	13	32	-5	3	11	10	20	13	16	20	24	20	14	15	18	14	23	22	16	8	11	10	24	32.	
5	6	1	-5	-1	1	7	6	8	7	9	11	14	9	9	8	9	11	9	5	10	11	10	5	7	24	14.	
6	6	6	5	5	6	5	3	0	1	7	7	8	11	10	18	13	16	11	10	8	13	10	8	16	24	18.	
7	8	13	10	9	9	20	12	9	7	9	6	5	16	14	20	15	22	25	22	19	17	15	23	21	24	25.	
8	16	13	13	14	15	10	5	2	2	3	3	6	6	3	6	5	6	6	6	15	9	6	10	9	24	16.	
9	14	11	9	10	8	14	9	17	11	12	11	10	AX	BA	10	13	11	9	8	14	9	11	14	15	22	17.	
10	8	7	8	9	13	10	15	9	11	10	7	12	13	8	9	12	12	7	17	15	16	14	16	10	24	17.	
11	13	11	12	15	11	15	11	11	14	10	9	11	9	8	8	11	9	6	8	6	11	13	8	7	24	15.	
12	9	9	5	7	11	15	11	8	16	8	11	11	7	8	9	6	2	2	7	9	7	6	4	12	24	16.	
13	6	4	14	9	5	7	6	14	8	10	15	9	10	10	10	7	10	15	12	13	12	11	12	16	24	16.	
14	10	12	14	12	12	12	15	21	16	25	25	18	28	20	8	14	8	10	10	9	6	5	12	9	24	28.	
15	8	10	9	3	0	13	11	12	8	5	3	4	4	12	11	9	6	1	-1	5	6	6	7	6	24	13.	
16	5	7	6	4	8	12	7	4	5	3	8	6	4	13	7	2	12	10	15	14	8	5	10	10	24	15.	
17	9	6	9	7	3	7	7	4	9	13	17	13	10	5	7	9	5	10	10	18	15	11	15	7	24	18.	
18	6	12	11	10	9	6	10	14	23	21	10	12	13	6	9	6	10	8	14	21	11	6	2	6	24	23.	
19	11	7	6	6	7	12	10	10	6	12	8	11	12	9	13	8	3	8	11	8	9	15	17	15	24	17.	
20	14	10	12	12	19	8	10	8	8	8	8	10	16	14	11	8	8	7	17	17	17	14	15	17	24	19.	
21	17	17	15	14	14	14	13	19	14	21	20	21	18	21	18	11	11	16	13	10	15	18	14	12	24	21.	
22	17	13	9	16	12	9	10	8	12	18	20	15	15	AZ	17	12	20	13	20	15	24	21	18	20	23	24.	
23	17	12	12	15	7	12	13	9	8	23	24	19	21	16	29	3	4	5	14	9	4	7	9	16	24	29.	
24	5	6	11	11	17	10	8	5	5	5	7	7	10	13	13	11	9	13	13	16	16	10	16	18	24	18.	
25	16	12	18	11	16	13	13	11	19	11	11	13	12	15	10	14	15	15	14	10	18	11	13	11	24	19.	
26	13	12	9	13	19	13	14	10	14	13	16	13	9	6	13	12	13	15	16	12	10	12	15	15	24	19.	
27	13	13	10	17	11	13	8	6	12	11	11	9	8	10	10	12	12	7	6	20	14	15	15	12	24	20.	
28	18	15	10	14	13	13	15	19	13	17	20	16	15	12	9	20	10	12	8	17	16	23	11	6	24	23.	
29	4	7	7	6	2	-1	1	1	3	6	7	9	5	6	6	4	1	5	4	-1	-3	4	4	7	24	9.	
30	6	4	4	1	5	6	4	6	4	4	5	5	6	6	4	5	10	8	10	12	14	8	10	7	24	14.	
31	7	7	7	15	7	6	6	8	8	11	13	7	2	4	7	11	11	7	3	6	5	4	5	6	24	15.	
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	30	29	31	31	31	31	31	31	31	31	31	31	31		
MAX:	18.	18.	18.	32.	19.	20.	17.	22.	34.	43.	28.	27.	28.	25.	29.	22.	36.	25.	25.	54.	24.	23.	21.				
AVG:	10.9	10.0	9.5	10.9	9.5	10.6	9.8	10.2	11.5	12.9	12.7	12.2	12.2	11.4	11.8	10.6	11.1	10.4	11.7	13.0	13.9	11.6	11.8	12.1			

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: 11.3 MONTHLY MAX: 54.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-081-0013 POC: 3
 COUNTY: (081) Guilford
 CITY: (28000) Greensboro
 SITE ADDRESS: 205 WILLOUGHBY BLVD
 SITE COMMENTS: MONITOR LOCATION MIDDLE OF PLAY FIELD
 MONITOR COMMENTS: THE MONITOR WAS CALIBRATED ON 12/03/2015 SO NO FLOW RATE AUDITS WERE COMPLETED

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: 3

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

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A

UNITS: Micrograms/cubic meter (25 C)

PQAO: (0776) North Carolina Dept Of Environmental Quality

MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	4	5	4	3	4	6	7	7	8	9	6	5	3	2	6	6	4	0	0	4	5	5	5	5	24	9.	
2	5	4	3	3	2	1	2	6	4	3	4	4	7	7	4	8	9	6	7	5	3	5	8	9	24	9.	
3	6	6	10	11	10	8	6	8	10	4	5	5	3	4	4	14	11	13	14	17	11	16	23	24	23.		
4	23	16	16	21	14	13	18	14	8	12	17	14	17	26	21	13	17	18	11	19	19	18	22	19	24	26.	
5	22	22	20	16	14	13	14	16	17	18	15	17	15	14	20	17	19	25	15	18	11	10	12	10	24	25.	
6	10	12	12	8	10	14	9	9	13	15	13	17	10	8	5	4	4	3	2	5	13	12	11	15	24	17.	
7	14	12	13	13	15	19	15	11	7	AX	BA	6	15	9	13	8	4	13	11	9	11	16	17	18	22	19.	
8	15	18	17	10	16	13	13	13	7	20	6	4	3	3	5	8	9	7	6	8	16	30	20	16	24	30.	
9	18	12	9	10	11	13	15	14	13	10	9	9	17	16	10	11	7	13	15	14	16	16	11	11	24	18.	
10	9	10	6	8	9	12	15	12	12	8	8	8	7	9	7	3	4	8	8	7	8	6	6	6	24	15.	
11	9	10	13	11	8	9	15	9	10	7	6	13	10	8	8	11	8	10	9	7	6	6	7	7	24	15.	
12	9	8	13	8	4	7	11	7	4	5	4	3	6	4	3	1	3	1	3	11	8	8	5	5	24	13.	
13	9	14	9	10	9	7	9	9	16	8	6	10	9	4	10	8	10	16	8	12	13	9	11	16	24	16.	
14	9	12	7	8	5	16	7	18	16	16	15	18	17	18	15	25	13	16	22	23	20	19	13	17	24	25.	
15	11	9	9	10	7	11	9	8	9	9	7	9	7	3	0	-1	3	1	1	10	10	12	11	9	24	12.	
16	9	9	12	13	11	8	11	8	6	7	7	7	5	6	4	4	5	3	11	8	5	8	11	11	24	13.	
17	8	12	8	13	13	11	8	7	10	6	3	4	6	4	6	9	6	8	10	12	12	8	13	11	24	13.	
18	9	8	12	10	11	9	10	9	10	20	4	5	7	9	18	4	5	4	5	14	8	11	7	14	24	20.	
19	11	8	10	12	16	15	19	17	9	AX	BA	8	6	7	14	8	6	11	11	14	16	15	17	10	22	19.	
20	11	9	13	17	14	17	16	17	17	17	9	22	9	15	10	11	12	10	13	15	22	13	12	10	24	22.	
21	13	10	7	9	16	19	7	11	8	8	6	9	13	15	6	7	11	8	18	15	15	14	13	14	24	19.	
22	15	16	13	13	13	12	15	19	12	11	18	13	15	16	16	16	12	17	21	16	11	12	13	9	15	24	21.
23	12	16	13	16	12	13	16	13	15	16	11	11	8	18	17	21	16	11	12	13	9	16	9	15	24	21.	
24	14	16	13	12	15	15	13	16	12	10	11	9	6	5	6	1	9	9	14	12	10	7	16	10	24	16.	
25	9	9	10	10	12	8	7	8	10	11	12	14	10	11	9	15	14	10	16	20	9	11	17	8	24	20.	
26	13	17	15	2	11	16	15	19	16	8	25	11	8	5	10	6	14	11	36	11	7	5	8	6	24	36.	
27	8	9	7	7	13	9	6	4	2	14	16	7	6	16	17	16	7	17	20	19	14	19	12	10	24	20.	
28	17	10	18	14	13	10	20	16	11	18	13	18	23	24	21	24	23	21	19	21	12	15	15	10	24	24.	
29	11	9	14	11	14	11	12	14	13	15	8	11	10	9	6	12	16	15	22	16	14	22	19	20	24	22.	
30	21	18	14	11	12	14	16	7	8	11	11	20	13	9	21	16	8	7	13	12	15	11	11	11	24	21.	
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	30	30	30
MAX:	23.	22.	20.	21.	16.	19.	20.	19.	17.	20.	25.	22.	23.	26.	21.	25.	23.	25.	36.	23.	22.	30.	22.	23.	24.	22.	23.
AVG:	11.8	11.5	11.3	10.7	11.1	11.6	11.9	11.5	10.4	11.3	9.8	10.4	9.7	10.1	10.4	9.9	9.7	10.4	12.1	12.8	12.2	12.6	12.4	11.9			

MONTHLY OBSERVATIONS: 716 MONTHLY MEAN: 11.2 MONTHLY MAX: 36.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-081-0013 POC: 3
 COUNTY: (081) Guilford
 CITY: (28000) Greensboro
 SITE ADDRESS: 205 WILLOUGHBY BLVD
 SITE COMMENTS: MONITOR LOCATION MIDDLE OF PLAY FIELD
 MONITOR COMMENTS: THE MONITOR WAS CALIBRATED ON 12/03/2015 SO NO FLOW RATE AUDITS WERE COMPLETED

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: 3

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

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A

UNITS: Micrograms/cubic meter (25 C)

PQAO: (0776) North Carolina Dept Of Environmental Quality

MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	10	11	10	7	9	11	7	12	8	5	12	10	9	7	8	6	9	12	11	8	10	12	11	13	24	13.	
2	10	10	9	13	13	12	14	10	11	12	16	16	6	9	11	15	18	16	19	7	14	11	9	16	24	19.	
3	10	8	8	10	10	14	10	10	9	12	15	12	10	11	9	14	10	11	16	13	14	13	11	12	24	16.	
4	10	11	12	10	12	11	11	16	12	19	19	10	16	11	13	16	20	10	24	17	16	16	20	18	24	24.	
5	15	16	16	23	20	17	16	15	17	25	26	22	20	14	17	10	23	27	20	20	20	16	24	11	24	27.	
6	11	10	17	15	12	13	9	10	8	15	18	22	24	21	20	20	17	21	14	17	15	16	17	18	24	24.	
7	15	25	12	16	16	12	12	18	9	12	10	5	7	7	11	11	11	9	11	7	3	0	1	2	24	25.	
8	6	11	13	8	14	9	15	11	10	11	9	6	4	5	13	8	6	10	6	1	0	1	2	11	24	15.	
9	6	9	4	4	2	-1	0	3	13	10	6	6	17	12	9	7	8	11	11	7	6	8	7	12	24	17.	
10	9	8	15	10	11	11	8	18	4	18	11	12	9	12	21	-2	5	12	14	12	16	8	18	12	24	21.	
11	14	19	12	6	14	8	10	16	11	15	22	13	14	9	13	17	29	21	21	11	18	18	14	20	24	29.	
12	19	14	13	11	13	11	15	10	12	10	11	9	14	10	6	5	21	17	7	6	8	4	-3	-1	24	21.	
13	7	4	-3	-1	6	7	6	8	5	2	5	8	11	8	4	10	8	17	11	8	15	8	7	9	24	17.	
14	10	5	7	9	8	9	8	5	7	7	9	7	6	14	8	12	9	11	17	15	15	17	15	21	24	21.	
15	21	16	22	24	19	21	17	10	10	10	10	18	13	13	11	12	10	11	12	17	12	11	7	17	24	24.	
16	10	14	10	13	12	14	7	2	2	4	3	7	10	11	8	7	12	10	10	9	13	9	10	8	24	14.	
17	14	13	8	11	10	9	13	AX	BA	6	8	8	9	7	6	10	12	9	9	20	16	15	14	11	22	20.	
18	9	12	14	9	9	13	10	13	10	7	12	12	13	10	8	7	11	15	12	16	11	15	15	18	24	18.	
19	18	14	16	16	12	17	12	14	16	12	11	11	13	13	14	12	15	12	19	17	17	22	20	21	24	22.	
20	17	23	19	19	18	15	10	13	11	10	12	12	14	9	10	13	13	18	8	14	23	21	20	21	24	23.	
21	25	16	21	20	18	23	19	19	19	11	18	18	21	20	23	20	18	27	20	49 V	49 V	54 V	50 V	33	24	54.	
22	24	25	26	24	27	27	22	27	21	23	18	17	17	13	11	12	16	12	10	11	14	13	16	17	24	27.	
23	10	15	14	12	11	15	15	12	10	7	8	8	7	18	8	13	13	17	12	8	3	4	11	9	24	18.	
24	8	14	11	11	6	12	13	17	14	13	12	10	10	9	7	7	14	13	11	13	16	12	17	11	24	17.	
25	15	17	13	11	12	12	14	13	13	8	13	9	8	11	11	12	9	9	12	14	15	11	12	15	24	17.	
26	14	17	16	17	16	15	14	20	20	21	19	14	18	14	15	12	12	13	15	14	14	16	24	30	24	30.	
27	19	16	16	16	16	19	19	13	23	20	18	24	15	17	11	20	15	18	19	20	27	39	29	26	24	39.	
28	24	22	20	21	17	15	15	14	14	13	15	13	14	10	12	8	8	9	16	8	13	16	14	17	24	24.	
29	4	6	5	7	10	8	7	8	13	11	9	8	8	7	6	7	10	9	13	12	11	10	9	9	24	13.	
30	14	13	10	14	9	13	9	12	10	AX	AX	BA	BA	14	12	18	16	13	20	18	25	17	23	17	20	25.	
31	15	20	17	15	15	18	16	19	19	14	19	16	14	18	16	19	22	28	22	22	25	23	25	24	24	28.	
NO.:	31	31	31	31	31	31	31	30	30	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	25.	25.	26.	24.	27.	27.	22.	27.	23.	25.	26.	24.	24.	21.	23.	20.	29.	28.	24.	49.	49.	54.	50.	33.			
AVG:	13.3	14.0	13.0	12.9	12.8	13.2	12.0	12.9	12.0	12.1	13.1	12.1	12.4	11.7	11.4	11.5	13.5	14.5	14.3	13.9	15.3	14.7	15.1	15.4			

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 13.2 MONTHLY MAX: 54.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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: THE MONITOR WAS CALIBRATED ON 12/03/2015 SO NO FLOW RATE AUDITS WERE COMPLETED

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: 3

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

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	27	24	22	21	22	19	19	19	20	20	22	25	25	27	25	23	24	20	26	26	23	23	26	28	24	28.	
2	22	24	19	20	20	18	14	16	19	24	18	15	14	15	13	11	12	17	16	14	23	23	27	26	24	27.	
3	21	21	20	25	18	15	15	16	16	15	16	18	16	16	10	13	17	19	19	23	13	15	16	9	24	25.	
4	11	8	7	9	8	12	14	14	13	12	16	15	14	7	6	9	11	8	9	9	10	11	13	15	24	16.	
5	13	16	10	12	16	9	8	8	16	14	10	9	19	8	12	16	15	11	10	9	16	15	15	20	24	20.	
6	20	22	16	16	19	16	19	26	23	13	16	18	14	995	12	16	18	24	16	20	20	21	24	22	24	995.	
7	17	17	18	13	9	7	10	16	12	18	16	10	6	4	6	5	4	4	4	4	5	7	10	9	24	18.	
8	6	8	10	11	9	9	9	9	6	6	AX	BA	BA	6	4	4	7	6	7	8	6	7	6	21	11.		
9	5	8	5	5	6	4	8	7	4	9	6	4	3	2	4	4	7	7	6	4	3	5	7	8	24	9.	
10	6	9	9	8	11	11	14	10	16	16	18	17	13	21	13	12	16	18	20	13	16	17	15	14	24	21.	
11	12	12	8	8	10	10	10	9	10	9	10	10	8	9	14	13	14	11	19	17	27	30	24	28	24	30.	
12	27	26	23	21	22	21	20	23	20	20	17	17	20	18	20	22	23	27	25	20	21	19	13	16	24	27.	
13	19	15	10	8	10	10	10	15	12	11	14	15	8	12	11	8	9	10	9	16	11	14	12	14	24	19.	
14	12	13	10	14	18	17	19	15	17	16	14	16	16	15	16	15	16	9	11	11	11	13	14	18	24	19.	
15	13	13	15	16	16	15	16	13	11	12	14	12	13	12	13	14	16	18	15	22	30	25	30	24	30.		
16	29	21	25	24	19	20	20	18	22	24	16	10	10	9	8	8	13	13	11	14	11	16	14	24	24	29.	
17	13	14	12	10	16	13	16	12	15	7	10	13	11	11	11	7	11	16	19	18	28	26	30	44	24	44.	
18	52	29	27	19	23	22	23	19	21	19	20	20	28	27	27	23	25	18	24	18	21	16	21	15	24	52.	
19	17	17	21	12	9	7	8	5	7	6	8	7	6	6	8	8	8	8	11	10	9	11	10	15	24	21.	
20	20	16	17	11	13	13	11	13	15	15	11	12	9	8	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	14	20.
21	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	9	10	17	16	18	16	17	23	28	33	25	22	23	13	33.	
22	22	16	19	17	18	18	17	15	13	18	16	17	16	14	16	17	15	15	14	11	11	14	12	15	24	22.	
23	15	9	14	13	13	12	13	16	13	12	12	10	12	11	12	15	17	14	24	37	49	51	57	50	24	57.	
24	41	32	29	39	31	26	24	20	25	26	22	18	19	18	16	21	20	18	25	23	30	33	36	48	24	48.	
25	54	45	41	35	32	33	27	24	19	22	22	18	17	20	16	18	20	25	26	30	27	32	28	24	54.		
26	29	27	17	13	19	14	13	15	18	8	10	6	4	7	6	9	6	12	16	19	18	14	21	12	24	29.	
27	11	13	10	12	12	13	14	14	11	12	9	8	10	7	8	11	11	9	21	17	23	26	30	36	24	36.	
28	33	29	27	24	25	28	21	20	21	15	27	30	16	15	17	18	14	15	25	36	28	30	42	34	24	42.	
29	34	29	28	23	21	22	20	22	26	19	21	AZ	BA	15	17	19	15	27	36	34	36	41	39	39	22	41.	
30	39	26	23	21	22	22	22	26	27	21	25	25	22	19	29	30	30	28	32	34	31	35	35	38	24	39.	
31																											0
NO.:	29	29	29	29	29	29	29	29	29	29	28	28	28	30	29	29	29	29	29	29	29	29	29	29	29		
MAX:	54.	45.	41.	39.	32.	33.	27.	27.	27.	26.	27.	30.	28.	995.	29.	30.	30.	28.	36.	37.	49.	51.	57.	50.			
AVG:	22.1	19.3	17.7	16.6	16.8	15.7	15.7	15.8	16.3	15.0	15.6	14.6	13.6	45.6	13.4	13.9	14.5	15.1	18.0	18.3	20.3	21.0	22.4	23.2			

MONTHLY OBSERVATIONS: 694 MONTHLY MEAN: 18.4 MONTHLY MAX: 995.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-081-0013 POC: 3
 COUNTY: (081) Guilford
 CITY: (28000) Greensboro
 SITE ADDRESS: 205 WILLOUGHBY BLVD
 SITE COMMENTS: MONITOR LOCATION MIDDLE OF PLAY FIELD
 MONITOR COMMENTS: THE MONITOR WAS CALIBRATED ON 12/03/2015 SO NO FLOW RATE AUDITS WERE COMPLETED

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: 3

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

REPORT FOR: DECEMBER 2017

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A

UNITS: Micrograms/cubic meter (25 C)

PQAO: (0776) North Carolina Dept Of Environmental Quality

MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	26	28	25	26	24	24	28	27	20	19	17	11	11	10	9	13	15	21	24	27	22	21	21	19	24	28.	
2	19	23	19	23	16	24	29	29	23	25	22	24	23	23	19	20	21	16	22	27	28	27	27	39	24	39.	
3	36	34	30	30	27	27	30	29	26	30	28	27	22	15	16	14	13	16	21	28	25	25	31	31	24	36.	
4	29	28	28	26	20	20	22	24	24	21	30	23	24	16	16	14	22	15	18	26	27	25	22	27	24	30.	
5	26	25	27	23	22	21	27	23	25	AX	BA	BA	25	25	22	22	23	24	25	22	18	7	8	8	21	27.	
6	10	9	8	11	14	13	9	7	8	12	11	9	10	9	8	14	12	10	10	11	12	25	26	24	26.		
7	13	12	12	9	13	11	12	12	16	13	11	8	13	12	10	14	13	13	15	14	18	20	21	17	24	21.	
8	18	20	24	22	19	22	16	16	18	16	18	15	17	16	11	13	13	15	11	10	11	9	9	9	24	24.	
9	11	10	8	11	10	8	8	10	12	11	13	11	10	10	9	13	15	17	17	22	17	13	16	16	24	22.	
10	12	13	12	13	13	16	12	13	11	11	13	15	10	15	8	11	10	18	20	24	29	30	31	30	24	31.	
11	23	26	25	27	19	22	21	20	25	31	33	24	16	14	16	13	14	21	23	18	18	18	26	18	24	33.	
12	17	17	20	15	22	22	17	23	22	20	18	22	20	15	10	6	15	14	11	15	8	16	14	13	24	23.	
13	10	11	9	8	13	12	12	11	14	9	11	13	13	9	9	8	9	11	12	14	13	13	13	15	24	15.	
14	14	15	12	14	15	16	15	19	15	13	19	18	18	14	16	17	19	19	31	22	20	19	21	18	24	31.	
15	17	19	19	18	16	19	17	16	18	19	16	16	18	18	26	20	20	27	31	28	33	24	20	18	24	33.	
16	17	16	15	16	14	17	15	20	15	14	20	16	16	17	14	19	16	20	24	25	30	33	36	39	24	39.	
17	40	32	28	30	23	25	27	25	25	29	26	29	26	28	24	26	24	26	27	34	43	35	34	29	24	43.	
18	28	27	25	25	26	24	24	28	28	33	31	25	20	24	26	30	24	21	23	35	39	37	36	32	24	39.	
19	33	34	25	27	26	22	21	23	20	29	26	17	17	13	18	15	15	18	25	23	27	28	25	24	34.		
20	19	22	19	22	20	11	12	16	12	17	13	11	8	16	12	8	12	13	13	16	15	13	19	18	24	22.	
21	15	15	13	19	18	18	24	26	17	AX	BA	BA	19	19	14	16	17	17	20	21	22	23	25	23	21	26.	
22	22	20	20	20	20	18	16	16	16	21	26	21	14	22	16	22	15	19	19	22	25	23	28	25	24	28.	
23	23	21	21	19	19	20	17	18	20	18	12	14	16	14	22	17	17	14	15	13	12	17	7	5	24	23.	
24	8	6	9	10	6	4	9	5	6	7	7	7	6	8	7	14	11	9	11	10	16	13	14	19	24	19.	
25	18	13	18	12	8	7	8	9	11	10	11	10	10	9	11	9	10	11	11	16	14	12	10	9	24	18.	
26	10	7	7	9	9	8	8	12	10	9	9	10	8	7	13	12	14	16	15	19	18	27	35	29	24	35.	
27	23	23	22	22	19	19	17	14	14	14	15	11	16	13	15	9	10	12	13	15	16	11	12	11	24	23.	
28	14	14	12	10	12	13	13	11	12	12	14	13	16	13	10	12	15	16	12	14	16	13	16	13	24	16.	
29	22	20	17	15	14	18	17	23	18	21	16	18	21	22	23	22	22	27	25	28	31	37	37	48	24	48.	
30	53	43	39	33	30	26	26	28	29	29	28	29	25	17	19	20	11	14	15	12	14	22	33	23	24	53.	
31	13	11	16	13	14	14	15	9	9	12	14	13	9	13	13	15	12	11	10	11	11	12	10	10	24	16.	
NO.:	31	31	31	31	31	31	31	31	31	29	29	29	31	31	31	31	31	31	31	31	31	31	31	31	31	31	
MAX:	53.	43.	39.	33.	30.	27.	30.	29.	29.	33.	33.	29.	26.	28.	26.	30.	24.	27.	31.	35.	43.	37.	37.	48.	48.		
AVG:	20.6	19.8	18.8	18.6	17.5	17.5	17.5	18.1	17.4	18.1	18.2	16.6	16.0	15.4	14.9	15.2	15.5	16.8	18.1	20.1	20.7	20.5	22.1	21.4			

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 18.1 MONTHLY MAX: 53.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-107-0004 POC: 3
 COUNTY: (107) Lenoir
 CITY: (35920) Kinston
 SITE ADDRESS: HIGHWAY 70 EAST AND HIGHWAY 58 SOUTH
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 35.231459
 LONGITUDE: -77.568792
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 15
 PROBE HEIGHT: 2.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

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	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	111	112	102	115	101	111	95	96	111	100	90	94	12	115.	
2	BK	2	6	4	3	6	6	6	7	5	BK	BK	BK	7	6	3	3	6	7	8	8	7	7	7	20	8.	
3	6	5	3	2	3	7	7	4	2	5	6	4	7	8	7	16	13	9	5	5	6	6	3	4	24	16.	
4	3	3	4	2	3	2	2	4	4	7	4	1	0	2	5	6	10	8	10	7	7	11	14	17	24	17.	
5	9	10	8	11	12	9	8	7	5	6	4	3	5	7	5	5	6	7	8	8	9	9	8	4	24	12.	
6	3	6	6	3	4	4	4	9	7	6	9	9	11	13	17	18	19	14	22	18	15	10	11	9	24	22.	
7	10	8	8	8	7	7	10	9	10	AX	AX	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	9	10.	
8	BK	BK	BK	BK	BK	BK	BK	BK	BK	0	10	5	4	8	10	13	11	9	11	9	32	83	61	76	15	83.	
9	64	42	17	17	17	17	28	18	13	16	6	6	6	0	11	15	20	26	10	14	11	11	16	14	24	64.	
10	18	18	16	15	16	15	14	10	23	24	19	37	31	36	73	106	108	46	18	14	11	6	4	2	24	108.	
11	2	4	4	2	2	4	3	2	3	4	4	6	7	10	11	10	9	8	6	5	11	8	8	7	24	11.	
12	8	8	9	8	5	11	10	11	10	7	5	4	4	5	6	6	5	7	8	8	5	2	4	3	24	11.	
13	6	8	7	10	7	7	11	8	8	9	15	13	16	18	20	17	13	11	12	7	7	9	5	3	24	20.	
14	4	1	0	1	0	1	2	2	2	BK	1	1	4	3	4	7	8	7	5	8	9	9	10	8	23	10.	
15	5	4	9	6	7	6	6	6	25	9	9	12	7	9	11	7	12	15	8	6	4	5	4	4	24	25.	
16	4	4	4	4	4	7	6	7	5	6	6	6	7	10	10	11	11	20	14	13	12	11	15	10	24	20.	
17	9	14	12	9	8	12	11	15	19	11	7	6	6	5	6	14	17	13	12	12	11	7	11	10	24	19.	
18	12	11	12	14	15	12	10	11	14	16	16	23	19	23	26	24	25	23	22	22	22	15	16	17	24	26.	
19	16	5	7	5	6	8	5	6	7	8	9	9	7	6	4	5	3	4	6	6	4	4	2	5	24	16.	
20	5	9	6	7	7	10	7	10	12	11	12	12	9	7	9	11	10	12	10	9	9	12	14	16	24	16.	
21	13	11	7	12	13	14	14	15	14	AX	16	20	24	21	17	19	25	20	22	23	23	25	28	23	23	28.	
22	27	16	16	10	18	14	10	14	14	14	10	13	12	12	12	9	12	9	7	6	10	11	9	7	24	27.	
23	5	5	6	9	8	5	7	7	12	9	6	9	10	7	5	5	6	10	43	21	26	23	22	24	43.		
24	23	33	26	17	15	12	14	11	7	7	9	13	10	12	12	17	16	16	12	8	7	9	15	24	33.		
25	14	15	15	16	9	11	9	11	15	14	13	10	13	13	14	11	13	14	16	10	10	14	11	11	24	16.	
26	11	11	11	9	4	4	10	7	5	8	8	8	6	10	9	9	9	14	11	12	10	8	8	6	24	14.	
27	10	6	2	3	4	3	5	6	9	13	13	12	14	11	13	16	14	15	13	22	10	13	9	8	24	22.	
28	15	11	11	14	12	12	9	6	12	13	8	11	7	13	17	15	18	6	8	6	10	7	9	9	24	18.	
29	8	6	13	9	10	13	16	12	12	8	10	9	10	10	8	7	9	12	12	10	11	10	9	10	24	16.	
30	16	6	5	6	6	6	3	9	14	10	10	13	11	10	12	11	15	8	10	9	11	10	13	12	24	16.	
31	11	10	10	9	14	14	15	11	14	13	10	8	9	14	13	8	10	14	13	20	15	10	9	9	24	20.	
NO.:	28	29	29	29	29	29	29	29	29	27	28	28	29	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	64.	42.	26.	17.	18.	17.	28.	18.	25.	24.	19.	37.	111.	112.	102.	115.	108.	111.	95.	96.	111.	100.	90.	94.			
AVG:	12.0	10.1	9.0	8.3	8.3	8.7	9.0	8.8	10.5	9.6	9.1	10.1	13.3	14.1	15.8	17.7	18.4	16.3	14.2	14.9	14.8	15.5	14.7	14.7			

MONTHLY OBSERVATIONS: 702 MONTHLY MEAN: 12.5 MONTHLY MAX: 115.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-107-0004 POC: 3
 COUNTY: (107) Lenoir
 CITY: (35920) Kinston
 SITE ADDRESS: HIGHWAY 70 EAST AND HIGHWAY 58 SOUTH
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 35.231459
 LONGITUDE: -77.568792
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 15
 PROBE HEIGHT: 2.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	9	7	8	4	3	6	5	4	5	7	8	6	4	3 6	1 6	6	4	3 6	6	8	5	4	7	11	24	11.	
2	8	13	9	8	5	5	7	7	7	7	6	5	8	6 6	8 6	6 6	6 6	7	7	10	7	8	5	4	24	13.	
3	8	15	8	8	5	7	9	9	8	5	7	11	12	16	12	9	14	17	17	11	13	7	7	5	24	17.	
4	7	21	15	11	16	18	12	14	10	16	13	13	14	15	16 6	11 6	16 6	16	12	16	20	15	19	18	24	21.	
5	16	18	17	12	12	16	10	9	20	18	AX	BA	18	20	27	25	23	27	27	35	18	27	19	14	22	35.	
6	7	15	13	8	12	9	6	6	6	5	8	AV	17	31	48	104	91	99	72	45	25	17	6	14	23	104.	
7	9	8	5	1	4	AV	5	3	AV	21	29	16	9	29	14	12	11	11	11	10	7	6	7	6	22	29.	
8	5	5	5	3	5	8	6	5	7	6	6	3	3	5	7	7	9	10	9	10	8	22	17	5	24	22.	
9	7	8	7	7	6	7	8	8	10	9	8	11	11	10	12	9	10	7	8	12	14	8	8	9	24	14.	
10	8	7	10	11	10	8	9	7	12	14	10	11	11	9	10	10	10	15	22	9	12	10	9	6	24	22.	
11	9	12	7	7	6	8	5	4	6	8	12	14	9	BA	BA	21	22	17	19	17	15	15	10	8	22	22.	
12	11	13	14	14	12	13	8	11	13	20	23	18	21	23	21	20	24	26	31	23	21	16	14	13	24	31.	
13	19	22	14	15	17	16	16	19	25	25	25	23	24	23	25	25	29	25	29	30	27	15	16	14	24	30.	
14	10	10	12	15	12	11	11	18	19	14	23	25	18	20	20 6	21 6	21 6	23	23	17	21	18	23	17	24	25.	
15	16	18	14	18	13	14	15	14	15	20	20	25	24	24	21	23	26	26	20	26	25	22	21	25	24	26.	
16	20	21	21	22	24	22	21	18	22	23	30	25	22	26	25	19	26	18	22	22	25	23	21	20	24	30.	
17	25	17	18	20	18	18	16	17	19	17	23	22	26	30	27	29	31	28	24	25	38	29	25	14	24	38.	
18	17	16	8	15	15	16	13	15	15	16	17	19	17	16	12	19	18	19	26	20	16	13	16	12	24	26.	
19	14	12	14	15	16	14	14	10	15	13	15	AX	BA	17	22	20	20	20	21	16	20	22	17	14	22	22.	
20	14	18	11	17	10	8	13	16	20	22	18	13	20	19	35	28	35	29	29	29	22	20	23	24	24	35.	
21	20	31	21	23	25	27	26	20	20	21	21	24	29	29	27	61	37	53	29	27	27	26	22	18	24	61.	
22	21	18	12	16	17	13	16	15	14	20	17	21	28	28	26	30	30	34	31	29	35	33	21	16	24	35.	
23	12	15	7	5	9	8	10	12	9	9	8	10	9	9	10	10	12	9	8	7	9	7	7	12	24	15.	
24	15	22	15	13	17	14	12	12	14	10	7	22	15	15	12	15	12	12	13	10	15	10	12	17	24	22.	
25	9	15	10	10	9	13	12	12	10	12	9	13	11	12	12	12	12	20	16	17	16	12	12	11	24	20.	
26	12	12	13	12	14	13	13	13	14	11	11	9	11	12	16	15	16	16	15	18	16	20	19	18	24	20.	
27	18	27	22	23	24	23	26	17	17	21	29	28	27	29	AV	19	17	20	24	21	17	21	19	21	23	29.	
28	24	21	21	26	29	27	21	25	25	25	28	31	32	33	37	33	39	37	45	32	26	29	34	28	24	45.	
29	26	30	24	26	26	23	23	20	18	16	18	18	23	24	19	23	24	23	24	24	24	21	17	19	24	30.	
30	20	18	13	20	18	16	18	12	14	12	11	13	12	18	18	15	15	18	11	18	18	18	18	17	24	20.	
31																										0	
NO.:	30	30	30	30	30	29	30	30	29	30	29	27	29	29	28	30	30	30	30	30	30	30	30	30	30		
MAX:	26.	31.	24.	26.	29.	27.	26.	25.	25.	25.	30.	31.	32.	33.	48.	104.	91.	99.	72.	45.	38.	33.	34.	28.			
AVG:	13.9	16.2	12.9	13.5	13.6	13.8	12.9	12.4	14.1	14.8	15.9	16.6	16.7	19.0	19.3	21.9	22.0	22.8	21.7	19.8	18.7	17.1	15.7	14.3			

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: 16.7 MONTHLY MAX: 104.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-107-0004 POC: 3
 COUNTY: (107) Lenoir
 CITY: (35920) Kinston
 SITE ADDRESS: HIGHWAY 70 EAST AND HIGHWAY 58 SOUTH
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 35.231459
 LONGITUDE: -77.568792
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 15
 PROBE HEIGHT: 2.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	19	20	15	15	17	20	16	16	23	21	25	20	25	23	39	25	50	46	25	26	23	23	25	26	24	50.	
2	25	23	16	23	16	16	16	16	20	18	20	AX	BA	18	14	16	19	18	14	17	19	20	19	13	22	25.	
3	17	24	21	18	16	19	18	20	20	16	17	16	12	11	14	16	16	16	15	21	18	18	16	18	24	24.	
4	17	13	13	15	13	14	13	24	18	20	22	20	22	20	27	18	26	19	22	28	23	22	20	18	24	28.	
5	19	16	19	26	27	14	21	19	21	17	15	21	23	9	19	23	18	23	25	27	24	16	12	8	24	27.	
6	9	12	10	12	10	8	8	8	8	9	9	6	11	10	7	6	6	9	18	13	14	12	15	13	24	18.	
7	13	14	9	9	12	12	11	13	8	9	8	8	10	13	10	11	10	10	12	14	9	12	20	6	24	20.	
8	9	16	15	15	14	8	18	14	20	15	15	18	15	13	14	15	18	14	15	12	11	13	16	8	24	20.	
9	13	20	5	12	13	8	11	14	17	22	AZ	13	16	15	17	16	19	19	20	15	18	AN	AN	AN	20	22.	
10	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	17	21	19	21	15	21	26	30	27	24	24	21	22	13	30.	
11	23	26	25	24	27	26	27	26	28	34	34	39	38	37	36	34	32	30	33	36	31	29	25	24	24	39.	
12	16	15	8	9	11	17	10	8	11	11	12	6	11	8	10	9	15	15	14	11	9	9	7	9	24	17.	
13	9	12	9	8	9	9	11	9	9	9	10	9	6	5	8	7	10	8	10	9	5	11	9	12	24	12.	
14	10	8	8	13	10	15	12	10	12	10	9	11	12	13	17	18	20	21	24	19	26	24	19	17	24	26.	
15	21	19	22	20	20	21	19	17	26	26	93	30	30	27	32	31	27	32	22	31	27	23	29	24	24	93.	
16	25	27	14	20	22	24	20	24	23	22	23	30	28	26	24	27	23	26	28	28	28	30	30	30	24	30.	
17	32	30	28	25	24	23	20	26	20	28	27	AX	BA	24	23	25	28	31	27	28	22	25	23	21	22	32.	
18	24	18	22	24	21	23	20	24	23	23	26	26	26	20	23	23	31	29	30	28	27	23	18	20	24	31.	
19	18	17	14	18	17	17	21	21	18	19	23	24	31	26	26	30	31	28	24	30	47	33	27	24	24	47.	
20	21	19	14	15	16	16	19	18	19	26	23	30	30	34	6	26	6	30	6	32	31	52	22	25	27	24	52.
21	26	24	20	10	18	14	18	10	17	18	18	15	15	17	16	21	24	22	64	23	23	23	23	19	24	64.	
22	26	29	23	22	18	27	24	23	22	17	20	19	20	23	25	22	18	14	19	16	23	18	25	19	24	29.	
23	24	16	17	25	22	24	20	29	19	19	16	14	11	11	15	16	18	17	16	12	16	12	17	15	24	29.	
24	17	16	12	11	14	13	10	8	9	17	9	15	15	12	10	10	12	19	20	16	17	19	18	20	24	20.	
25	18	17	12	18	17	19	16	16	16	12	12	13	15	20	15	23	25	21	25	21	17	17	14	17	24	25.	
26	13	12	15	15	16	15	16	15	16	22	20	15	18	16	16	16	17	20	19	15	25	20	21	19	24	25.	
27	21	25	17	24	18	21	16	20	16	23	18	26	24	25	29	25	22	25	25	26	21	26	25	29	24	29.	
28	24	30	24	32	28	30	30	27	29	27	27	28	24	44	24	41	29	17	18	15	17	17	19	14	24	44.	
29	13	16	13	20	23	20	19	18	15	15	12	17	17	15	16	20	20	20	21	24	19	24	21	21	24	24.	
30	22	17	15	19	16	20	16	18	14	18	18	18	20	14	19	20	17	20	17	20	19	18	23	20	24	23.	
31	16	17	18	24	24	20	23	15	25	21	21	39	23	22	45	30	36	25	24	22	18	18	20	23	24	45.	
NO.:	30	30	30	30	30	30	30	30	30	30	29	29	29	31	31	31	31	31	31	31	31	30	30	30			
MAX:	32.	30.	28.	32.	28.	30.	30.	29.	29.	34.	93.	39.	38.	44.	45.	41.	50.	46.	64.	36.	47.	33.	35.	30.			
AVG:	18.7	18.9	15.8	18.0	17.6	17.8	17.3	17.5	18.1	18.8	20.8	19.4	19.6	19.0	20.5	20.6	22.3	21.6	23.5	21.0	20.8	20.4	20.4	18.5			

MONTHLY OBSERVATIONS: 725 MONTHLY MEAN: 19.5 MONTHLY MAX: 93.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-107-0004 POC: 3
 COUNTY: (107) Lenoir
 CITY: (35920) Kinston
 SITE ADDRESS: HIGHWAY 70 EAST AND HIGHWAY 58 SOUTH
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 35.231459
 LONGITUDE: -77.568792
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 15
 PROBE HEIGHT: 2.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	24	27	18	29	30	32	32	31	31	37	33	38	28	26	25	27	21	25	26	20	22	25	28	27	24	38.	
2	25	26	22	31	26	27	28	29	31	25	20	AX	BA	14	18	20	20	20	15	20	17	17	20	16	22	31.	
3	20	18	19	18 6	15 6	16	15 6	14	16	22	19	21	19	20	22	26	25	27	29	28	22	20	19	24	24	29.	
4	23	26	18	17	18	21	23	19	25	22	24	22	27	24	23	24	17	24	19	13	16	19	15	12	24	27.	
5	15	12	12	15	18	17	14	21	17	19	14	16	21	10	8	10	22	10	12	16	12	18	15	11	24	22.	
6	12	12	7	15	15	17	10	10	10	11	12	18	16	19	19	23	22	19	19	23	24	23	21	17	24	24.	
7	22	18	14	10	10	13	12	15	16	13	16	16	13	13	15	14	13	12	8	6	7	4	5	7	24	22.	
8	5	4	4	5	4	2	6	6	4	4	4	4	6	7	6	6	7	7	9	7	8	10	9	8	24	10.	
9	8	7	9	13	11	8	8	13	16	10	10	14	14	16	16	15	15	12	12	14	14	14	12	11	24	16.	
10	15	16	9	8	10	11	10	12	12	11	11	16	21	14	14	12	14	21	20	19	13	14	12	10	24	21.	
11	15	12	9	11	10	10	8	8	14	12	15	14	16	16	21	19	17	17	16	16	10	15	10	11	24	21.	
12	10	10	9	10	12	11	10	9	8	18	20	16	21	20	19	18	19	35	24	21	20	18	18	15	24	35.	
13	18	15	10	14	11	7	9	7	10	12	18	15	23	20	22	22	27	22	28	28	19	24	18	21	24	28.	
14	15	16	6	12	12	9	12	12	24	19	15	24	23	27	81	59	25	29	31	16	16	14	12	13	24	81.	
15	19	17	15	13	17	18	18	21	12	13	15	17	12	16	13	17	16	16	19	25	24	27	17	16	24	27.	
16	15	19	19	21	19	17	17	16	21	AX	BA	15	16	15	14	24	12	12	14	15	21	18	15	17	22	24.	
17	13	16	16	13	13	15	16	7	9	9	11	15	12	11	12	9	15	12	13	17	14	14	9	14	24	17.	
18	16	13	20	16	18	16	17	15	18	16	19	16	16	13	18	20	16	17	19	24	17	25	25	29	24	29.	
19	25	26	25	29	27	20	22	21	27	24	21	21	20	18	24	10	15	16	17	25	27	28	27	24	24	29.	
20	26	29	25	29	28	21	15	9	7	15	9	12	12	13	11	10	7	15	13	17	15	18	15	13	24	29.	
21	15	19	18	15	19	16	16	14	12	16	9	6	7	7	6	13	12	12	14	20	16	18	15	16	24	20.	
22	10	15	20	17	19	13	15	19	17	21	20	23	22	20	28	27	22	25	24	27	23	22	24	21	24	28.	
23	20	17	18	25	21	21	25	22	20	20	19	22	22	25	27	36	39	39	35	33	29	26	24	15	24	39.	
24	16	17	12	13	11	14	16	10	20	23	17	15	15	19	19	15	18	16	11	11	9	7	14	12	24	23.	
25	14	19	10	13	14	13	18	19	15	18	14	11	11	9	15	12	18	19	15	15	15	17	16	17	24	19.	
26	21	19	16	19	16	16	13	13	15	12	16	29	16	10	9	11	12	15	17	15	11	14	11	10	24	29.	
27	13	16	11	13	15	14	10	15	16	19	22	27	19	20	22	18	21	18	16	18	21	13	12	11	24	27.	
28	11	12	10	6	7 6	9 6	8 6	10	11	12	12	9	7	9	10	12	11	16	14	11	31	27	8	6	24	31.	
29	8	13	6	8 6	11 6	9 6	11 6	10	15	20	15	15	11	10	16	14	13	13	17	19	11	16	18	18	24	20.	
30	13	21	13	13	13	16	13	15	18	22	16	14	22	15	10	16	10	7	5	8	6	8	10	11	24	22.	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	29	29	29	29	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	26.	29.	25.	31.	30.	32.	32.	31.	31.	37.	33.	38.	28.	27.	81.	59.	39.	39.	35.	33.	31.	28.	28.	29.			
AVG:	16.1	16.9	14.0	15.7	15.7	15.0	14.9	14.7	16.2	17.1	16.1	17.3	16.8	15.9	18.8	18.6	17.4	18.3	17.7	18.2	17.0	17.8	15.8	15.1			

MONTHLY OBSERVATIONS: 716 MONTHLY MEAN: 16.5 MONTHLY MAX: 81.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-107-0004 POC: 3
 COUNTY: (107) Lenoir
 CITY: (35920) Kinston
 SITE ADDRESS: HIGHWAY 70 EAST AND HIGHWAY 58 SOUTH
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 35.231459
 LONGITUDE: -77.568792
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 15
 PROBE HEIGHT: 2.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM			
1	9	8	8	11	17	10	12	12	12	12	11	7	10	12	19	16	19	13	16	18	13	15	15	20	24	20.			
2	22	20	22	17	23	23	20	11	11	12	14	14	20	21	14	12	12	14	18	15	16	15	15	16	24	23.			
3	19	20	22	24	25	32	29	30	21	20	27	AX	BA	21	18	21	27	13	10	9	12	13	16	18	22	32.			
4	15	24	17	18	20	19	26	17	20	17	18	22	23	27	23	21	27	27	24	24	17	17	16	16	24	27.			
5	20	17	12	25	18	18	17	16	19	28	26	34	29	27	12	19	24	16	12	13	17	17	19	18	24	34.			
6	22	22	18	20	20	12	18	16	22	27	41	19	18	24	27	39	32	26	32	36	30	37	41	34	24	41.			
7	31	35	29	27	21	22	19	24	22	23	29	23	24	24	22	25	22	14	16	23	17	20	22	19	24	35.			
8	20	23	20	20	19	21	16	17	15	18	16	20	16	17	17	14	22	12	15	19	17	14	20	17	24	23.			
9	15	13	12	14	17	18	19	15	19	16	24	15	19	16	17	15	17	20	13	12	15	12	11	13	24	24.			
10	13	20	16	16	21	15	17	14	14	12	18	18	19	17	16	17	8	10	10	11	13	9	10	17	24	21.			
11	12	15	16	15	16	16	19	23	21	21	17	12	18	11	18	14	11	14	16	19	14	15	15	22	24	23.			
12	17	15	19	19	17	13	16	15	16	18	12	16	19	17	16	14	14	15	14	17	21	21	18	17	24	21.			
13	17	23	20	22	19	23	22	20	18	20	21	25	22	20	21	16	43	19	17	17	19	19	17	6	24	43.			
14	16	22	8	15	13	11	13	11	13	10	17	15	16	19	20	29	19	21	22	22	23	23	11	14	24	29.			
15	17	12	17	10	10	12	13	12	18	17	17	18	16	15	18	16	10	13	21	25	17	16	9	12	24	25.			
16	13	12	10	11	12	12	12	16	14	15	12	13	13	11	16	17	17	12	15	15	16	11	15	13	24	17.			
17	17	21	14	18	18	15	15	14	14	12	13	16	9	11	14	10	15	13	13	14	15	14	16	14	24	21.			
18	16	20	19	13	19	21	16	19	15	16	6	9	9	6	9	6	9	6	9	6	11	9	6	15	13	21	24	21.	
19	14	21	18	11	20	20	20	13	11	10	8	6	AX	BA	16	13	8	6	9	12	7	6	8	10	11	22	21.		
20	8	18	7	17	16	16	14	16	15	16	6	19	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	11	19.	
21	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	10	20	23	23	20	16	21	17	20	17	21	13	11	27	14	27.		
22	17	23	14	2	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	4	23.	
23	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0		
24	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	7	13	17	19	11	7	17	22	11	18	19	15	18	13	22.		
25	23	20	12	13	15	12	20	10	18	BA	BA	BA	12	18	24	25	24	-5	33	16	10	13	27	17	21	33.			
26	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	9	15	15	18	9	16	18	17	24	13	18	12	11	11	14	24.			
27	7	16	10	14	13	14	12	13	16	BA	BA	BA	-1	11	14	18	16	21	18	18	18	16	13	19	21	21.			
28	11	17	13	21	18	24	25	27	28	27	27	34	30	29	21	29	26	24	23	27	29	24	24	27	24	34.			
29	30	22	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	2	30.	
30	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0		
31	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	18	10	11	15	11	13	15	12	13	9	14	6	11	6	10	6	13	18.
NO.:	25	25	24	24	23	23	23	23	23	21	23	22	24	26	26	26	26	26	26	26	26	26	26	26	26	26			
MAX:	31.	35.	29.	27.	25.	32.	29.	30.	28.	28.	41.	34.	30.	29.	27.	39.	43.	27.	33.	36.	30.	37.	41.	34.					
AVG:	16.8	19.2	15.5	16.4	17.7	17.3	17.8	16.6	17.0	17.5	18.0	17.7	16.6	17.8	17.7	17.3	18.4	15.2	17.6	17.0	16.6	16.3	16.2	17.2					

MONTHLY OBSERVATIONS: 589 MONTHLY MEAN: 17.1 MONTHLY MAX: 43.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-107-0004 POC: 3
 COUNTY: (107) Lenoir
 CITY: (35920) Kinston
 SITE ADDRESS: HIGHWAY 70 EAST AND HIGHWAY 58 SOUTH
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 35.231459
 LONGITUDE: -77.568792
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 15
 PROBE HEIGHT: 2.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	11 6	12 6	11 6	14 6	12 6	15 6	14 6	7 6	13 6	BA	BA	BA	BA	BA	BA	13	16	13	15	-5	25	14	15	12	18	25.	
2	10	AN	AN	AN	AN	AN	AN	AN	BA	AX	BA	16	15	15	16	18	22 6	17	18	15	20	19	19	18	14	22.	
3	17	23	13	19	18	16	12	20	17	16	14	15	18	15	22	22	22	15	15	10	9	11	10	9	24	23.	
4	14	10	5	5	12	8	15	9	13	15	11	10	11	15	15	10	17	12	21	12	9	8	7	24	21.		
5	14	12	11	11	6	4	6	5	4	3	12	14	10	13	10	15	12	16	18	16	23	19	22	17	24	23.	
6	22	20	14	22	19	9	17	12	13	14	16	7	14	14	20	10	19	29	17	16	13	17	15	19	24	29.	
7	23	16	18	24	19	23	33	31	30	32	10	34	44	37	37	59 V	18	16	18	18	17	20	26	29	24	59.	
8	31	32	31	28	27	30	28	22	21	18	8	7	5	14	10	10	8	13	23	11	19	8	21	17	24	32.	
9	12	16	11	19	14	19	22	23	21	22	20	23	25	13	12	7	15	10	11	15	13	15 6	15 6	13 6	24	25.	
10	13 6	21 6	15 6	27 6	18 6	18 6	12 6	11 6	18 6	11	14	32	4	8	10	9	9	9	18	4	6	8	16	21	24	32.	
11	16	22	24	19	21	15	14	15	13	15	17	12	8	16	2	7	5	2	4	13	13	15	18	16	24	24.	
12	11	17	13	18	11	16	10	11	14	14	28	16	6	15	7	5	AV	3	8	9	19	13	17	16	23	28.	
13	22	19	16	22	20	18	18	14	13	19	14	12	17	20	33	14	14	13	20	17	16	16	16	23	24	33.	
14	22	21	22	23	27	21	22	23	26	11	18	20	20	12	14	10	10	13	32	5	6	18	13	16	24	32.	
15	29	19	20	18	24	13	11	12	7	8	17	14	13	10	15	26	16	31	19	16	17	20	21	18	24	31.	
16	25	19	22	21	17	13	13	17	17	12	AZ	12	13	10	37	11	16	19	12	10	19	17	22	25	23	37.	
17	29	32	25	17	22	18	16	8	14	21	19	16	18	13	22	30	51 V	21	17	21	25	28	33	25	24	51.	
18	26	25	27	27	23	29	26	17	30	26	27	23	27	29	22	26	15	22	21	21	15	25	20	21	24	30.	
19	17	21	19	21	23	21	26	19	23	25	20	14	16	13	19	17	18	5	9	9	16	16	20	25	24	26.	
20	29	43	29	43	29	28	17	17	8	12	14	15	17	21	23	16	20	21	21	27	28	24	25	33	24	43.	
21	34	46 6	50 6	28 6	17 6	12 6	13 6	9 6	17	28	20	27	24	19	18	18	13	15	14	21	20	20	29	27	24	50.	
22	32	41	33	23 6	34 6	30 6	11 6	8 6	4	32	22	18	30	36	11	9	12	14	15	14	15	21	17	18	24	41.	
23	17	24	19	22	24	23	26 6	20	17	21	24	26	23	24	51	25	25	27	21	AV	32	20	21	20	23	51.	
24	16 6	12 6	12 6	23 6	29 6	32 6	27 6	18 6	27 6	21	32	34	20	20	20	16	15	16	19	18	22	24	21	20	24	34.	
25	19 6	20 6	23 6	26 6	24 6	19 6	18 6	19 6	19 6	15	16	15	14	18	11	17	15	13	19	16	18	14 6	17 6	19 6	24	26.	
26	24 6	25 6	20 6	17 6	25 6	22 6	18 6	20 6	24	21	14	14	18	20	18	14	17	31	21	15	18 6	21 6	20 6	21 6	24	31.	
27	12 6	21 6	15 6	17 6	22 6	25 6	17 6	16 6	21 6	21	14	17	21	22	19	18	16	16	17	22	15 6	14 6	14 6	15 6	24	25.	
28	14 6	15 6	18 6	11 6	18 6	14 6	21 6	15 6	15 6	19 6	21	22	19	23	23	24	14	12	16	13	14	16	11	13	24	24.	
29	11 6	18 6	6 6	10 6	15 6	13 6	8 6	6 6	5 6	7 6	BA	5 6	7	7	6	10	8	13	8	7	11	8	6	9	23	18.	
30	7	5	11	13	14	10	16	11	11	12	10	10	13	10	11	14	16	15	16	17	17	17	15	18	24	18.	
31	15	19	18	18	16	20	18	15	17	18	45	25	20	17	18	23	19	19	21	20	26	32	26	24	24	45.	
NO.:	31	30	30	30	30	30	30	30	30	29	27	30	30	30	30	31	30	31	31	30	31	31	31	31	31		
MAX:	34.	46.	50.	43.	34.	32.	33.	31.	30.	32.	45.	34.	44.	37.	51.	59.	51.	31.	32.	27.	32.	32.	33.	33.			
AVG:	19.2	21.5	19.0	20.2	20.0	18.5	17.5	15.0	16.4	17.6	18.4	17.5	17.0	17.3	18.4	17.0	16.2	16.0	16.6	14.4	17.4	17.4	18.4	18.8			

MONTHLY OBSERVATIONS: 724 MONTHLY MEAN: 17.7 MONTHLY MAX: 59.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-107-0004 POC: 3
 COUNTY: (107) Lenoir
 CITY: (35920) Kinston
 SITE ADDRESS: HIGHWAY 70 EAST AND HIGHWAY 58 SOUTH
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 35.231459
 LONGITUDE: -77.568792
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 15
 PROBE HEIGHT: 2.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	23	41	42	41	29	25	19	31	30	BA	BA	13	15	16	35	25	25	17	19	29	25	9	19	14	22	42.	
2	12	20	15	23	18	23	22	20	21	26	16	18	16	19	12	11	17	15	11	12	16	19	13	26	24	26.	
3	22	23	27	37	27	35	27	28	28	20	21	14	12	13	14	13	13	9	15	20	18	20	21	23	24	37.	
4	32	36	35	40	41	42	29	23	20	14	15	20	19	17	26	19	25	23	27	23	23	25	21	20	24	42.	
5	24	28	26	22	31	30	30	25	26	23	24	22	25	19	26	22	23	12	16	20	24	24	22	24	24	31.	
6	29	24	39	25	20	20	17	20	11	16	22	10	11	AX	BA	15	6	18	3	21	26	27	21	25	22	39.	
7	24	31	18	24	32	26	29	26	24	21	24	20	20	17	30	16	17	19	12	13	11	17	18	21	24	32.	
8	24	23	21	21	18	23	23	20	10	11	18	13	12	8	10	20	18	30	67	267 V	328 V	22	13	15	24	328.	
9	12	11	17	18	10	10	16	12	12	10	11	12	16	10	8	13	15	14	18	18	12	11	9	6	24	18.	
10	6	12	10	9	7	9	7	8	9	13	11	8	11	10	9	9	11	11	10	8	12	10	11	13	24	13.	
11	11	14	10	8	13	10	9	9	8	15	13	BA	BA	BA	14	23	17	19	17	18	18	16	14	16	21	23.	
12	12	16	13	15	20	17	19	29	24	25	22	23	18	15	8	3	5	13	10	11	9	13	17	14	24	29.	
13	15	6	13	17	5	13	7	5	16	17	11	16	BA	6	16	13	44	13	13	14	17	16	15	11	23	44.	
14	12	20	12	14	16	13	13	11	14	16	17	17	10	14	9	15	12	12	23	16	11	16	18	12	24	23.	
15	13	16	14	13	15	16	15	17	18	19	17	23	21	22	22	16	17	18	19	23	27	26	29	34	24	34.	
16	33	24	30	29	26	34	19	15	16	20	21	18	23	18	19	18	20	18	19	19	19	17	17	15	24	34.	
17	15	16	10	14	12	15	15	8	9	9	6	13	15	12	11	12	12	9	16	17	15	11	11	11	24	17.	
18	10	9	12	13	14	16	18	13	16	14	18	16	23	24	27	23	18	18	16	15	13	12	16	12	24	27.	
19	14	22	10	13	16	17	17	17	17	22	AX	BA	24	27	75	27	28	29	27	26	26	21	24	21	22	75.	
20	21	22	21	24	23	24	20	15	18	17	28	24	20	23	19	19	30	23	14	16	13	17	12	13	24	30.	
21	14	16	19	15	17	14	17	18	21	22	24	23	27	22	27	15	22	15	9	14	16	17	20	21	24	27.	
22	19	22	22	15	18	24	19	20	20	19	18	18	19	20	17	15	17	14	17	23	18	19	18	19	24	24.	
23	15	19	20	24	18	13	13	15	22	13	17	20	18	15	15	13	17	16	15	19	10	18	20	16	24	24.	
24	17	18	15	13	10	13	14	12	13	16	9	15	11	10	11	9	12	9	14	10	11	17	12	13	24	18.	
25	10	9	6	8	10	13	10	11	8	4	3	8	8	8	8	6	15	8	10	10	7	11	10	6	24	15.	
26	10	7	7	6	7	8	6	AN	AN	AN	AN	AN	AN	AN	BA	17	21	11	10	7	8	8	10	10	16	21.	
27	13	12	14	11	14	17	12	11	11	13	15	12	11	14	18	21	23	10	16	14	12	15	15	14	24	23.	
28	12	12	13	10	11	16	16	18	14	22	27	23	25	24	25	27	50	30	33	23	23	31	37	33	24	50.	
29	23	13	7	5	10	9	8	19	7	9	13	17	16	16	15	16	11	12	14	42	14	14	10	12	24	42.	
30	14	12	13	12	15	11	10	14	21	9	10	12	18	17	13	15	12	14	11	11	12	13	10	8	24	21.	
31																											0
NO.:	30	30	30	30	30	30	30	29	29	28	27	27	27	27	28	30	30	30	30	30	30	30	30	30	30		
MAX:	33.	41.	42.	41.	41.	42.	30.	31.	30.	26.	28.	24.	27.	27.	75.	30.	50.	30.	67.	267.	328.	31.	37.	34.			
AVG:	17.0	18.5	17.7	18.0	17.4	18.5	16.5	16.9	16.7	16.3	16.7	16.6	17.2	16.1	19.3	16.2	19.1	16.0	17.4	26.0	26.5	17.1	16.8	16.6			

MONTHLY OBSERVATIONS: 702 MONTHLY MEAN: 18.0 MONTHLY MAX: 328.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-107-0004 POC: 3
 COUNTY: (107) Lenoir
 CITY: (35920) Kinston
 SITE ADDRESS: HIGHWAY 70 EAST AND HIGHWAY 58 SOUTH
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 35.231459
 LONGITUDE: -77.568792
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 15
 PROBE HEIGHT: 2.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	9	7	4	4	4	3	3	2	4	4	9	9	11	9	12	12	8	12	12	12	12	12	13	10	24	13.
2	9	10	9	10	8	6	6	6	7	9	8	12	7	12	10	10	9	9	12	10	9	11	12	9	24	12.
3	6	7	8	11	8	5	6	6	5	6	6	AX	BA	13	9	12	12	14	17	13	13	14	15	22	17.	
4	13	16	9	12	11	8	13	14	12	16	15	16	16	10	19	17	18	22	21	11	12	10	10	7	24	22.
5	7	6	6	5	2	3	5	9	20	20	18	12	14	10	11	15	74 V	14	15	14	14	14	14	11	24	74.
6	8	5	3	3	2	2	5	6	47 V	17	11	12	12	12	16	19	14	15	18	10	13	13	10	8	24	47.
7	7	8	6	7	8	13	12	8	5	8	5	1	6	12	11	13	17	9	10	11	15	12	13	15	24	17.
8	12	9	15	13	16	11	9	8	17	15	10	17	8	11	10	7	10	12	10	10	10	12	10	10	24	17.
9	13	13	12	12	16	14	17	11	15	17	16	17	14	14	17	14	12	11	9	8	11	10	13	18	24	18.
10	20	16	18	12	15	17	20	17	8	11	10	13	16	17	14	16	14	16	15	10	15	12	12	12	24	20.
11	17	23	16	17	16	20	16	12	13	11	12	16	17	17	20	20	23	18	12	12	10	10	12	9	24	23.
12	8	11	13	12	12	16	12	14	12	16	26	57 V	29	33	39	27	21	15	16	21	15	10	9	7	24	57.
13	9	8	7	6	8	6	8	8	9	6	2	9	7	6	5	5	6	7	6	4	3	2	1	4	24	9.
14	5	4	7	7	4	6	5	6	4	3	4	5	5	8	6	9	10	10	15	12	13	12	12	13	24	15.
15	12	13	11	13	10	9	12	11	9	5	8	9	7	10	8	10	9	10	9	10	11	15	10	10	24	15.
16	11	13	10	10	9	9	8	8	6	11	19	19	16	14	11	15	12	7	6	7	11	7	10	8	24	19.
17	9	8	7	4	6	8	6	5	8	5	4	6	6	5	8	8	10	8	6	9	11	8	6	7	24	11.
18	8	10	6	4	6	7	10	8	7	8	6	6	7	7	6	4	5	8	15	10	6	8	8	8	24	15.
19	7	6	5	4	5	4	4	4	11	8	7	6	8	5	AX	BA	13	13	16	12	13	10	15	12	22	16.
20	9	17	10	10	10	7	6	6	7	19	14	18	16	10	11	10	14	21	13	16	10	11	18	12	24	21.
21	20	19	15	14	16	12	14	12	11	25	12	11	11	12	14	18	19	18	16	13	14	22	18	17	24	25.
22	14	15	14	16	13	13	14	14	14	17	18	10	11	11	13	12	16	13	13	13	8	9	6	10	24	18.
23	7	10	6	4	3	5	6	6	6	12	16	16	16	14	16	11	10	5	13	9	11	13	10	11	24	16.
24	10	13	13	10	12	12	13	13	13	12	12	11	8	9	10	10	9	10	8	11	8	11	12	11	24	13.
25	10	6	14	10	13	11	13	14	11	8	8	8	5	6	7	7	11	9	13	13	12	14	9	6	24	14.
26	12	7	7	11	9	8	9	8	9	10	15	8	6	9	10	14	11	10	9	9	6	5	10	8	24	15.
27	8	10	7	11	8	6	6	5	6	5	8	10	10	8	7	8	9	8	11	12	9	6	6	7	24	12.
28	7	8	6	3	6	4	3	5	7	11	11	8	8	8	7	6	13	12	10	8	6	6	6	7	24	13.
29	10	10	13	10	8	10	10	15	15	7	11	8	14	9	11	10	9	9	18	11	7	7	8	8	24	18.
30	9	7	4	3	6	4	3	5	6	6	6	8	5	2	8	6	2	4	6	5	5	7	7	7	24	9.
31	8	10	7	6	9	6	6	5	6	11	8	11	10	15	15	11	18	19	15	21	14	17	13	13	24	21.
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	30	30	30	30	31	31	31	31	31	31	31	31	31	
MAX:	20.	23.	18.	17.	16.	20.	20.	17.	47.	25.	26.	57.	29.	33.	39.	27.	74.	22.	21.	21.	15.	22.	18.	18.		
AVG:	10.1	10.5	9.3	8.8	9.0	8.5	9.0	8.7	10.6	10.9	10.8	12.1	10.9	10.8	12.2	11.8	13.9	11.8	12.4	11.4	10.6	10.6	10.5	10.0		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 10.6 MONTHLY MAX: 74.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-107-0004 POC: 3
 COUNTY: (107) Lenoir
 CITY: (35920) Kinston
 SITE ADDRESS: HIGHWAY 70 EAST AND HIGHWAY 58 SOUTH
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 35.231459
 LONGITUDE: -77.568792
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 15
 PROBE HEIGHT: 2.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	13	10	13	12	10	11	13	11	9	13	16	11	12	11	9	7	7	9	9	7	7	10	9	7	24	16.	
2	5	6	6	7	7	9	9	12	10	27	13	8	7	AX	BA	18	17	25	10	12	11	11	11	8	22	27.	
3	4	6	6	10	7	11	11	15	11	12	10	15	11	14	10	10	16	14	11	11	11	18	10	13	24	18.	
4	17	15	15	16	15	16	20	18	16	22	23	19	20	23	18	19	29	31	28	27	27	25	22	25	24	31.	
5	29	32	32	25	21	19	14	11	8	11	9	10	11	13	14	15	14	12	13	10	9	9	11	11	24	32.	
6	13	13	10	8	12	13	15	14	15	10	8	25	7	7	9	26	16	29	22	16	17	15	19	20	24	29.	
7	21	17	21	13	14	15	17	15	22	24	AX	BA	BA	24	28	23	82	V	28	29	28	29	22	11	9	21	82.
8	6	3	3	13	12	8	6	8	7	5	5	6	BA	BA	BA	BA	BA	1	8	8	6	11	9	8	19	13.	
9	7	9	6	3	5	13	10	8	8	8	10	9	10	9	9	15	8	7	11	7	9	12	12	11	24	15.	
10	8	9	10	14	9	8	13	12	13	11	10	14	14	13	12	18	19	20	21	22	24	23	17	15	24	24.	
11	10	14	12	10	12	13	12	10	11	10	12	12	13	13	14	13	15	18	15	15	12	13	18	15	24	18.	
12	16	16	13	16	12	13	13	10	8	10	9	12	9	13	15	15	18	16	15	16	13	14	17	20	24	20.	
13	18	16	15	17	14	15	24	19	16	19	13	13	9	11	12	14	17	17	17	17	12	18	21	19	24	24.	
14	21	26	27	26	26	27	29	22	18	14	19	11	16	19	15	19	21	23	24	24	24	22	21	22	24	29.	
15	19	21	22	20	15	22	21	19	17	18	22	17	AZ	18	16	20	19	22	29	25	23	26	22	23	23	29.	
16	21	21	21	20	23	18	20	21	27	27	23	20	19	14	23	15	20	19	22	14	22	18	20	15	24	27.	
17	23	23	19	17	17	17	15	19	16	17	13	12	12	13	13	12	15	18	16	16	23	17	18	16	24	23.	
18	12	11	16	13	11	9	12	10	12	8	11	10	11	11	18	17	19	17	16	17	14	16	15	20	24	20.	
19	12	17	15	15	13	20	22	17	14	10	9	8	4	5	11	13	10	12	14	10	9	10	11	12	24	22.	
20	11	11	10	13	12	17	8	13	9	13	16	8	13	12	12	13	13	23	13	17	14	12	16	13	24	23.	
21	11	11	14	13	13	11	15	13	10	18	23	18	13	12	15	18	28	23	19	20	17	20	19	15	24	28.	
22	15	15	15	16	12	16	17	20	19	16	20	BA	BA	BA	19	17	20	22	22	42	25	21	20	19	21	42.	
23	16	14	14	11	9	13	12	12	10	10	12	10	12	16	16	15	14	17	15	16	17	10	15	16	24	17.	
24	15	16	13	19	14	15	12	13	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	8	19.
25	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	7	16	16	22	21	20	24	21	20	26	10	26.	
26	20	23	27	26	22	19	19	20	15	16	16	13	9	11	10	10	10	13	16	10	10	13	16	18	24	27.	
27	11	18	17	18	19	23	18	21	21	18	12	9	7	BA	BA	BA	10	18	15	15	10	20	10	19	21	23.	
28	17	17	16	14	14	14	14	13	12	18	37	16	32	52	BA	BA	BA	32	17	13	13	14	10	14	21	52.	
29	17	16	17	14	16	16	15	15	11	12	20	17	12	14	16	16	16	21	24	16	15	19	19	12	24	24.	
30	11	17	17	17	20	20	20	17	16	22	28	29	25	22	22	18	20	26	24	20	21	25	21	22	24	29.	
31																										0	
NO.:	29	29	29	29	29	29	29	29	28	28	27	26	24	24	25	26	27	29	29	29	29	29	29	29	29		
MAX:	29.	32.	32.	26.	26.	27.	29.	22.	27.	27.	37.	29.	32.	52.	28.	26.	82.	32.	29.	42.	29.	26.	22.	26.			
AVG:	14.4	15.3	15.2	15.0	14.0	15.2	15.4	14.8	13.6	15.0	15.5	13.5	12.8	15.4	14.5	15.8	18.9	19.1	17.8	16.9	16.1	16.7	15.9	16.0			

MONTHLY OBSERVATIONS: 670 MONTHLY MEAN: 15.6 MONTHLY MAX: 82.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-107-0004 POC: 3
 COUNTY: (107) Lenoir
 CITY: (35920) Kinston
 SITE ADDRESS: HIGHWAY 70 EAST AND HIGHWAY 58 SOUTH
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER:
 LATITUDE: 35.231459
 LONGITUDE: -77.568792
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 15
 PROBE HEIGHT: 2.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM		
1	25	25	20	21	19	19	16	23	21	28	29	30	23	21	21	25	21	28	26	25	23	23	23	18	24	30.		
2	17	18	22	16	20	20	22	22	21	18	19	20	20	26	23	13	11	12	15	17	23	17	17	19	24	26.		
3	15	17	18	16	20	20	19	20	20	22	17	13	12	10	17	18	16	19	20	20	18	19	20	18	24	22.		
4	19	18	24	17	15	17	18	19	21	15	17	AX	AX	BA	11	14	17	23	18	32	19	16	10	16	21	32.		
5	16	15	14	16	13	13	18	9	12	11	8	9	7	7	8	8	14	18	18	15	19	14	17	20	24	20.		
6	17	15	16	12	13	13	17	19	9	15	18	BA	BA	BA	6	6	10	11	14	16	13	15	13	12	11	21	19.	
7	15	13	16	13	10	16	9	20	18	16	14	12	14	17	12	19	22	22	18	17	16	17	15	15	24	22.		
8	15	21	23	14	16	12	11	17	16	18	14	10	16	11	17	13	16	14	11	6	9	9	13	12	15	6	24	23.
9	15	6	13	6	13	6	10	10	6	6	9	7	8	7	7	9	8	7	8	7	5	5	9	11	8	8	24	15.
10	11	14	14	11	12	16	15	14	11	8	12	11	10	13	9	13	11	16	13	13	13	14	13	12	24	16.		
11	12	15	16	15	14	18	16	19	12	17	16	13	10	14	16	17	19	13	11	12	12	13	11	17	24	19.		
12	12	16	17	17	24	15	15	14	19	16	19	16	19	19	18	17	22	21	23	17	15	29	8	15	24	29.		
13	14	13	12	9	11	12	11	11	10	9	8	11	8	11	7	9	10	13	11	11	11	15	10	9	24	15.		
14	10	10	11	13	13	14	11	19	15	15	16	17	20	17	20	19	18	19	17	21	15	20	16	21	24	21.		
15	17	16	17	17	13	19	15	23	24	18	17	21	21	20	31	28	31	29	29	23	21	20	24	28	24	31.		
16	27	23	21	16	17	20	16	16	17	17	16	14	13	13	16	16	18	23	17	17	15	20	24	24	24	27.		
17	20	23	19	21	23	20	20	20	21	16	19	16	22	15	22	20	18	20	16	17	20	20	20	16	24	23.		
18	24	20	21	21	24	20	22	20	22	20	24	18	19	23	20	24	AV	AV	35	28	29	23	22	23	22	35.		
19	22	20	22	25	21	23	27	22	23	19	AX	AX	BA	BA	BA	23	21	25	20	19	22	16	27	24	19	27.		
20	24	25	23	22	26	25	20	22	24	27	20	20	19	20	21	13	15	24	17	13	16	18	14	17	24	27.		
21	18	12	14	16	16	20	18	19	16	19	17	13	18	15	20	16	13	17	17	25	16	14	15	15	24	25.		
22	15	13	14	12	12	13	10	13	11	13	16	12	13	16	24	18	17	16	17	16	12	14	14	14	24	24.		
23	13	10	13	12	14	13	17	17	15	17	13	14	16	13	12	9	13	10	19	10	9	16	11	14	24	19.		
24	17	15	17	18	14	16	15	9	8	9	13	10	6	5	14	10	9	6	6	8	7	12	7	10	24	18.		
25	11	14	13	11	10	13	11	12	9	7	9	9	9	6	10	9	8	10	8	8	10	9	10	10	24	14.		
26	10	15	10	9	8	14	11	9	12	9	7	7	8	7	8	7	9	20	19	33	12	15	10	10	24	33.		
27	11	12	10	9	13	16	8	12	10	9	12	13	10	10	9	9	8	8	11	11	17	16	14	21	24	21.		
28	17	23	19	17	18	20	17	13	10	6	15	15	12	14	13	14	11	14	15	19	19	13	14	12	16	24	23.	
29	16	14	17	15	16	14	15	23	6	AV	AV	9	11	13	8	12	15	17	19	18	15	14	22	23	14	22	23.	
30	17	18	16	19	17	22	19	15	19	14	15	12	12	15	14	12	19	19	19	19	24	22	22	22	24	24.		
31	17	22	15	14	17	20	19	21	10	11	15	11	13	14	10	14	11	12	13	10	8	11	12	10	24	22.		
NO.:	31	31	31	31	31	31	31	31	30	30	30	28	28	28	30	31	30	30	31	31	31	31	31	31	31			
MAX:	27.	25.	24.	25.	26.	25.	27.	23.	24.	28.	29.	30.	23.	26.	31.	28.	31.	29.	35.	33.	29.	29.	27.	28.				
AVG:	16.4	16.7	16.7	15.3	15.8	16.7	15.6	16.8	15.4	15.2	15.0	13.6	14.0	13.9	15.0	14.7	15.2	17.1	16.8	16.7	15.5	16.6	15.3	16.2				

MONTHLY OBSERVATIONS: 729 MONTHLY MEAN: 15.7 MONTHLY MAX: 35.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-129-0002 POC: 7
 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: 2.2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (127) R - P Co Partisol Model 2025 Gravi
 PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2017

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	7			5	19	17						
2			6									
3												
4									14 6	12		
5								8 6				
6		14				10	28					
7	3			7	6							
8			12									
9												
10												
11								13 6		7	9	
12		17				10	13					
13	9			13								
14			4									
15												
16										13	8	
17								17 6				
18		17					8					
19	5			14								
20			7									
21												
22									TS		9	
23								16 6				
24		9				16	12 6					
25	7			6								
26			8									
27												
28									TS		7	
29								7 6				
30						8	9 6					
31	16											
NO.:	6	4	5	5	2	5	5	5	3	5	0	0
MAX:	16.	17.	12.	14.	19.	17.	28.	17.	14.	12.		
MEAN:	7.8	14.3	7.4	9.0	12.5	12.2	14.0	12.2	11.3	9.0		
ANNUAL OBSERVATIONS:		45		ANNUAL MEAN:	10.7	ANNUAL MAX:	28.					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-129-0002 POC: 8
 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: 2.2

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (127) R - P Co Partisol Model 2025 Gravi
 PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2017

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1				5	BJ							
2												
3												
4					59 6				13 6	12		
5								8 6				
6						10 6	27					
7				8	5 6							
8												
9												
10												
11								13 6	7	9		
12						10 6	13					
13				13	7 6							
14												
15												
16									14	9		
17								17 6				
18						15 6	8					
19				13	BJ							
20												
21												
22									TS	9		
23								17 6				
24						13	12 6					
25				5 6	8 6							
26			8									
27												
28									TS	7		
29								6 6				
30						7	9 6					
31					17 6							
NO.:	0	0	1	5	5	5	5	5	3	5	0	0
MAX:			8.	13.	59.	15.	27.	17.	14.	12.		
MEAN:			8.0	8.8	19.2	11.0	13.8	12.2	11.3	9.2		
ANNUAL OBSERVATIONS:		34		ANNUAL MEAN:	12.1	ANNUAL MAX:	59.					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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:

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

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

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

REPORT FOR: JANUARY 2017

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A

UNITS: Micrograms/cubic meter (25 C)

PQAO: (0776) North Carolina Dept Of Environmental Quality

MIN DETECTABLE: 4

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	7	9	15	12	13	14	19	13	16	17	11	16	10	9	15	15	8	13	20	23	17	23	11	24	23.	
2	15	6	8	16	13	15	7	13	10	9	13	11	7	4	6	9	8	8	11	9	12	8	6	6	24	16.	
3	5	5	11	AN	4	6	AN	9	6	11	13	8	8	10	15	9	13	10	11	9	9	10	15	12	22	15.	
4	14	18	17	12	19	20	18	20	17	18	AX	AX	BA	BA	7	9	8	13	13	14	10	8	6	6	20	20.	
5	9	7	5	10	11	6	11	15	15	13	16	7	55	14	11	13	10	11	15	12	13	12	21	17	24	55.	
6	14	11	9	11	10	11	12	8	12	16	11	10	7	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	13	16.
7	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	0
8	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	0
9	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	0
10	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	20	18	19	18	21	20	19	16	8	21.	
11	17	14	9	15	15	13	10	7	16	11	17	15	15	AX	AX	BA	BA	16	16	12	12	17	12	9	20	17.	
12	5	7	6	8	9	8	10	10	12	15	10	10	14	16	17	10	13	18	25	22	19	13	12	20	24	25.	
13	14	13	11	8	16	12	19	18	23	20	17	22	16	14	10	13	14	14	19	24	20	13	15	13	24	24.	
14	12	10	11	12	12	10	9	11	13	11	11	17	12	15	19	22	21	30	24	35	36	38	33	30	24	38.	
15	29	26	28	27	23	27	26	25	25	22	20	15	11	11	7	17	12	12	11	13	11	11	12	11	24	29.	
16	11	11	12	14	13	9	14	11	15	17	19	9	8	9	18	16	17	17	18	23	20	21	22	22	24	23.	
17	23	21	31	30	28	28	38	32	32	40	19	15	10	20	18	23	14	20	26	25	14	21	14	14	24	40.	
18	13	14	21	21	16	18	18	23	24	19	AX	AX	BA	BA	7	9	7	10	11	8	8	6	8	10	20	24.	
19	11	9	9	12	12	11	9	20	15	8	13	10	12	11	16	12	16	21	22	21	26	22	20	25	24	26.	
20	23	20	18	23	18	22	22	23	21	18	21	19	20	23	21	27	30	23	18	33	20	31	25	26	24	33.	
21	16	20	13	9	7	6	9	8	12	10	12	9	9	10	17	19	16	12	20	11	11	12	16	21	24	21.	
22	11	15	13	7	2	4	7	11	7	9	9	10	7	10	9	9	8	9	8	10	11	10	9	6	24	15.	
23	9	4	4	5	5	9	10	10	12	14	16	12	13	14	11	8	15	12	7	7	5	6	4	4	24	16.	
24	8	7	5	5	5	7	11	18	13	12	10	9	6	5	4	8	9	9	7	8	7	4	10	11	24	18.	
25	12	13	13	9	13	15	15	19	14	22	18	10	12	10	10	7	12	19	23	15	19	17	21	18	24	23.	
26	14	14	13	12	14	12	16	20	18	13	18	21	14	19	20	17	10	11	6	11	8	8	12	10	24	21.	
27	9	7	6	10	11	9	16	13	16	17	9	7	10	8	13	10	14	16	5	6	6	12	10	9	24	17.	
28	8	12	9	12	17	12	16	15	12	10	11	10	11	8	9	11	8	11	13	13	19	17	16	15	24	19.	
29	11	14	13	14	13	11	13	19	13	14	13	11	9	7	11	11	11	11	11	14	15	9	18	13	24	19.	
30	8	7	9	13	9	7	12	19	8	8	9	10	9	9	10	11	13	16	19	17	20	28	23	26	24	28.	
31	18	16	14	17	19	19	12	22	22	16	24	21	22	22	26	22	26	21	30	23	19	22	18	19	24	30.	
NO.:	27	27	27	26	27	27	26	27	27	27	25	25	25	23	25	25	26	27	27	27	27	27	27	27	27	27	
MAX:	29.	26.	31.	30.	28.	28.	38.	32.	32.	40.	24.	22.	55.	23.	26.	27.	30.	30.	30.	35.	36.	38.	33.	30.	30.		
AVG:	13.1	12.1	12.1	13.3	12.8	12.6	14.4	16.2	15.4	15.1	14.6	12.4	13.3	12.1	12.8	13.5	13.8	14.7	15.6	16.0	15.3	15.3	15.6	14.8			

MONTHLY OBSERVATIONS: 631 MONTHLY MEAN: 14.1 MONTHLY MAX: 55.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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:

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	27	30	27	23	24	29	36	37	42	63	51	43	25	33	36	26	36	34	40	49	32	15	12	20	24	63.	
2	18	19	17	23	28	17	20	29	33	37	16	15	AZ	AZ	BA	BA	18	21	41	36	33	28	21	18	20	41.	
3	16	18	15	16	8	12	17	15	19	12	16	17	14	20	14	14	17	20	14	17	17	19	12	12	24	20.	
4	11	12	11	13	13	13	15	14	13	17	13	14	10	9	13	15	14	17	16	25	29	23	24	25	24	29.	
5	32	32	23	21	21	17	25	24	24	24	13	16	16	14	16	13	19	14	21	24	33	34	31	21	24	34.	
6	18	16	18	19	20	20	31	37	32	29	21	21	11	17	16	16	20	21	24	16	22	24	26	29	24	37.	
7	27	24	26	24	28	24	25	34	38	28	30	28	25	25	29	27	30	21	17	21	22	23	21	23	24	38.	
8	17	22	19	19	18	12	15	17	17	21	16	15	8	9	5	11	16	18	13	20	19	13	17	22	24	22.	
9	15	10	10	17	11	7	9	10	8	11	10	10	16	9	8	11	9	11	12	12	11	10	9	11	24	17.	
10	9	7	14	12	11	12	15	21	15	11	12	15	11	18	10	15	17	20	17	18	22	15	16	17	24	22.	
11	19	15	19	12	19	18	17	18	24	24	22	17	18	17	17	21	24	19	28	29	29	18	21	23	24	29.	
12	20	22	24	28	23	28	31	31	32	29	27	30	20	23	22	19	21	21	23	27	23	21	19	18	24	32.	
13	12	13	9	10	8	12	8	14	9	7	8	6	5	13	10	11	9	9	8	11	11	20	19	14	24	20.	
14	14	13	11	9	7	14	12	20	18	21	8	15	17	18	21	22	28	25	28	28	39	42	40	36	24	42.	
15	29	33	30	28	34	35	27	21	12	17	20	11	8	10	10	15	12	9	14	10	10	7	15	13	24	35.	
16	8	17	6	6	5	6	9	18	10	10	9	AX	AX	BA	BA	7	9	13	9	16	19	18	25	34	20	34.	
17	21	21	18	20	23	25	17	21	22	17	12	18	10	11	9	6	15	13	19	25	20	23	20	21	24	25.	
18	26	30	30	29	28	29	29	27	29	26	19	22	21	9	14	15	17	21	22	23	27	25	14	13	24	30.	
19	11	14	13	19	18	15	19	21	17	15	15	11	10	12	13	12	11	11	15	10	14	17	20	26	24	26.	
20	22	27	24	27	29	24	23	23	27	23	22	21	12	12	25	14	11	19	21	27	26	35	30	34	24	35.	
21	33	27	18	14	14	14	15	21	24	35	20	20	16	22	18	21	18	19	23	20	21	31	38	26	24	38.	
22	31	29	26	26	24	20	20	26	25	29	22	24	28	17	17	18	20	30	23	28	26	22	24	20	24	31.	
23	22	21	24	17	21	16	14	23	44	25	16	11	16	17	15	13	15	18	22	24	19	21	33	24	24	44.	
24	26	24	17	17	20	17	19	22	23	17	22	18	12	10	15	15	19	16	20	22	36	21	14	18	24	36.	
25	17	19	17	14	17	17	17	14	16	9	15	16	14	20	16	18	17	24	13	13	15	8	10	8	24	24.	
26	7	9	8	8	11	11	11	9	10	7	8	7	10	6	9	8	9	12	16	17	18	23	22	30	24	30.	
27	25	18	23	22	23	26	24	27	21	18	22	20	12	9	12	11	17	18	17	25	17	19	12	19	24	27.	
28	17	17	17	17	15	19	11	21	14	20	18	23	14	17	20	14	20	19	21	21	23	25	22	33	24	33.	
29																										0	
30																										0	
31																										0	
NO.:	28	28	28	28	28	28	28	28	28	28	27	26	26	26	27	28	28	28	28	28	28	28	28	28	28	28	
MAX:	33.	33.	30.	29.	34.	35.	36.	37.	44.	63.	51.	43.	28.	33.	36.	27.	36.	34.	41.	49.	39.	42.	40.	36.			
AVG:	19.6	20.0	18.4	18.2	18.6	18.2	19.0	22.0	22.1	21.5	18.0	17.9	14.6	15.3	15.8	15.1	17.4	18.3	19.9	21.9	22.6	21.4	21.0	21.7			

MONTHLY OBSERVATIONS: 664 MONTHLY MEAN: 19.1 MONTHLY MAX: 63.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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:

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

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

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE: 4

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	29	28	23	33	28	21	23	15	20	33	26	100	47	36	34	20	17	22	18	11	AV	AV	AO	AO	20	100.	
2	AO	9	-3	0	9	13	12	9	8	8	7	5	AX	AX	BA	BA	12	10	7	8	8	16	12	12	19	16.	
3	15	16	10	9	10	15	14	18	13	12	10	14	10	8	10	10	11	8	13	14	12	13	10	18	24	18.	
4	10	10	14	10	12	9	14	16	10	7	7	8	12	12	9	9	12	11	13	24	27	33	29	29	24	33.	
5	33	27	28	14	15	17	14	11	9	11	10	9	11	12	10	11	7	9	13	20	20	16	19	19	24	33.	
6	19	18	20	21	23	19	20	42	21	22	19	23	12	24	26	21	25	22	28	24	33	33	36	30	24	42.	
7	28	23	21	19	16	21	20	26	41	37 6	38 6	28 6	24 6	17 6	20 6	19 6	33	24	27	40	19	23	27	14	24	41.	
8	14	10	7	5	12	14	23	15	11	13	7 6	3	4	9	6	BA	8	15	18	19	28	22	26	20	23	28.	
9	20	13	21	15	13	22	23	35	31	18 6	4 6	7 6	21	20	22	19	11	26	31	31	32	50	25	35	24	50.	
10	29	33	25	21	35	35	36	39	32	28	26	42	54	0	12	9	13	12	11	12	11	10	9	13	24	54.	
11	11	7	18	11	11	9	8	11	17	14	13	12	17	10	9	13	12	15	17	17	28	34	23	30	24	34.	
12	17	13	16	15	11	14	16	18	10	10	7	19	7	11	9	14	11	12	14	19	18	17	15	25	24	25.	
13	24	15	19	16	17	20	16	20	16	19	17	24	16	17	15	10	15	17	23	12	17	15	12	8	24	24.	
14	6	4	5	7	9	6	12	11	8	5	8	16	11	11	9	11	22	21	10	17	13	15	11	12	24	22.	
15	17	18	12	10	15	16	18	40	44	17	14	17	21	15	14	22	13	14	14	11	11	12	12	12	24	44.	
16	10	13	11	12	16	15	16	16	14	16	14	16	17	17	18	14	17	10	19	14	16	24	26	21	24	26.	
17	28	26	23	23	22	22	32	29	19	19	AX	BA	BA	13	22	23	13	22	24	21	21	24	28	22	21	32.	
18	21	19	15	21	26	23	25	30	34	34	37	38	32	34	36	26	24	26	30	25	27	31	19	15	24	38.	
19	12	11	12	11	7	6	7	6	4	19	10	16	8	5	6	5	7	8	7	10	11	11	10	12	24	19.	
20	17	16	19	13	20	21	29	19	13	18	7	12	14	17	9	6	8	10	21	18	17	14	15	21	24	29.	
21	26	23	19	24	21	24	20	28	26	30	28	9	27	15	29	20	15	13	20	28	21	28	19	21	24	30.	
22	26	15	13	17	1	4	15	13	12	14	15	11	16	19	17	11	11	14	9	16	15	8	12	11	24	26.	
23	12	14	12	14	15	15	18	14	15	12	18	12	13	14	15	14	13	16	13	21	20	22	19	15	24	22.	
24	22	22	24	30	32	38	37	33	30	24	31 6	38	28	28	34	30	33	39	32	34	28	33	22	17	24	39.	
25	18	7	15	15	14	32	15	28	29 6	29 6	25 6	24 6	23 6	24 6	26 6	22 6	36	36	23	26	26	15	21	15	24	36.	
26	13	11	11	14	15	13	18	11	16	16 6	18 6	12 6	15 6	16 6	10	8	15	14	19	11	10	8	13	13	24	19.	
27	9	12	12	7	2	8	13	12	12	14	8 6	18	14	26	15	14	23	16	20	15	20	20	6	14	24	26.	
28	5	8	8	5	3	7	9	9	13	8	18	24	25	20	13	8	13	32	5	13	12	17	9 6	13 6	24	32.	
29	8 6	6 6	13 6	10 6	8 6	10 6	7 6	12 6	13	13	13	11	31	16	19	10	16	12	15	15	16	13	11	10	24	31.	
30	10	13	17	16	16	14	21	13	14	14	16	AX	AX	BA	BA	14	22	17	14	13	18	6	9	15	20	22.	
31	11	10	13	11	10	11	12	10	5	2	18	AO	AO	AO	18	18	20	16	9	5	2	3	7	5	21	20.	
NO.:	30	31	31	31	31	31	31	31	31	31	30	28	27	28	29	29	31	31	31	31	30	30	30	30			
MAX:	33.	33.	28.	33.	35.	38.	37.	42.	44.	37.	38.	100.	54.	36.	36.	30.	36.	39.	32.	40.	33.	50.	36.	35.			
AVG:	17.3	15.2	15.3	14.5	15.0	16.6	18.2	19.6	18.1	17.3	16.3	20.3	19.6	16.6	17.0	14.9	16.4	17.4	17.3	18.2	18.6	19.5	17.1	17.2			

MONTHLY OBSERVATIONS: 724 MONTHLY MEAN: 17.2 MONTHLY MAX: 100.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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:

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

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

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

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	6	10	7	10	8	7	7	9	8	11	6	2	0	-2	-2	0	-1	0	6	10	10	6	12	9	24	12.	
2	5	7	5	5	9	11	13	14	9	14	8	9	7	10	6	2	4	9	9	16	11	12	14	16	24	16.	
3	16	19	10	10	14	16	15	14	22	9	16	20	21	16	9	18	13	17	12	10	4	17	12	8	24	22.	
4	6	5	11	8	4	7	8	13	15	11	16	16	8	19	17	15	-3	3	13	15	11	24	23	22	24	24.	
5	16	17	17	15	14	19	14	29	13	21	15	7	9	10	15	19	24	17	12	15	8	6	18	10	24	29.	
6	15	0	16	8	19	12	8	6	8	7	4	31	22	20	17	21	23	9	15	12	10	11	9	7	24	31.	
7	5	10	6	2	6	11	10	9	7	19	10	13	10	8	20	6	12	8	8	15	10	10	11	24	20.		
8	9	8	9	12	12	9	8	11	9	7	13	9	5	7	4	8	7	9	9	15	24	28	32	24	32.		
9	31	26	29	22	24	21	22	20	24	19	11	16	10	11	9	8	6	18	12	17	20	22	23	19	24	31.	
10	17	16	12	16	9	11	12	14	19	8	13	11	16	4	9	8	14	15	27	23	25	19	19	15	24	27.	
11	9	16	9	7	13	8	10	10	13	15	21	12	11	8	17	16	9	8	22	23	31	25	21	16	24	31.	
12	21	5	13	11	13	10	9	15	37	16	26	20	12	15	15	13	9	12	12	19	20	20	17	26	24	37.	
13	26	19	9	25	20	22	14	13	18	AX	AX	BA	BA	20	13	18	13	18	20	19	25	28	25	29	20	29.	
14	14	16	11	11	17	16	14	20	16	19	18	20	26	22	15	25	21	25	23	24	30	23	28	30	24	30.	
15	27	23	16	11	18	14	13	11	16	19	15	14	23	22	23	29	20	26	15	25	20	25	24	25	24	29.	
16	19	24	19	20	22	17	21	24	24	31	29	28	48	80	73	50	47	36	30	22	25	18	23	24	24	80.	
17	24	25	19	19	29	22	21	22	20	29	28	24	31	29	22	22	25	30	41	14	17	25	7	14	24	41.	
18	11	11	17	15	10	15	12	15	21	19	25	21	24	20	19	23	19	20	17	16	19	16	12	9	24	25.	
19	12	13	15	15	14	13	15	14	17	18	15	17	22	17	19	20	26	28	29	29	22	18	24	19	24	29.	
20	20	22	18	19	13	16	16	31	37	33	30	18	23	25	25	19	26	25	26	27	26	28	25	27	24	37.	
21	36	28	37	35	35	24	22	27	26	24	26	26	27	29	27	23	18	21	22	24	19	22	29	25	24	37.	
22	17	14	21	17	20	18	22	26	22	26	26	21	25	37	29	27	41	25	70	19	15	8	7	6	24	70.	
23	4	7	2	3	10	11	9	6	17	10	8	11	8	12	AO	AO	AO	AO	-1	8	16	15	10	9	20	17.	
24	12	9	6	6	15	2	2	7	16	5	6	10	11	10	5	5	9	8	5	6	5	0	3	4	24	16.	
25	9	6	8	5	8	4	3	8	6	2	11	21	13	11	9	3	6	11	7	9	8	6	2	5	24	21.	
26	0	2	0	2	2	12	11	19	9	12	13	17	16	8	17	18	12	10	14	19	14	25	16	16	24	25.	
27	29	11	18	18	22	13	16	21	22	29	21	AX	AX	BA	BA	16	16	20	22	31	24	27	22	16	20	31.	
28	19	21	22	13	10	9	11	16	25	31	22	24	30	30	28	32	29	30	24	27	21	22	30	24	32.		
29	31	19	16	26	24	26	23	22	28	33	23	22	15	28	30	21	16	21	25	23	22	19	24	17	24	33.	
30	16	20	16	9	14	19	22	18	12	18	16	13	18	14	11	12	10	12	12	15	10	19	8	18	24	22.	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	29	29	28	28	29	28	29	29	29	30	30	30	30	30	30	30		
MAX:	36.	28.	37.	35.	35.	26.	23.	31.	37.	33.	30.	31.	48.	80.	73.	50.	47.	36.	70.	31.	31.	28.	29.	32.			
AVG:	16.1	14.3	13.8	13.2	14.9	13.8	13.4	16.1	17.9	17.8	16.9	16.9	17.5	18.6	18.1	16.9	16.4	16.8	18.8	17.7	17.5	18.0	17.2	17.1			

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: 16.5 MONTHLY MAX: 80.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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:

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

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

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	17	12	13	11	9	12	12	11	16	13 6	15 6	19 6	22 6	AN	AN	AN	AN	23 6	24 6	32 6	26	22	15	29	20	32.	
2	8	13	6	1	2	16	16	14	18	24 6	20 6	23 6	24 6	21 6	15 6	12 6	17 6	11 6	21 6	13 6	18	26	12	7	24	26.	
3	17	13	16	19	18	16	17	22	19	11 6	8 6	13 6	13 6	14 6	10 6	24 6	9 6	14 6	12 6	16 6	21	17	10	10	24	24.	
4	14	19	11	17	5	15	17	14	16	15	15 6	20 6	23 6	17 6	21 6	22 6	22 6	17 6	20 6	24	24	22	14	16	24	24.	
5	28	10	8	13	12	16	17	15	3	13	8	8	17 6	18 6	16 6	18 6	14 6	17 6	12 6	7	8	13	10	13	24	28.	
6	9	5	4	9	5	9	10	13	10	8	7	6	8	6	10	12	23	18	24	22	17	16	18	11	24	24.	
7	13	8	5	6	5	11	10	9	8	9	12	15 6	11	9	7 6	7 6	6 6	8	13	9	12	12	16	17	24	17.	
8	17	13	11	11	16	13	15	13	15	12 6	11 6	20 6	13	23 6	7 6	14 6	15 6	7 6	9 6	7	14	16	16	12	24	23.	
9	17	9	9	12	16	11	15	22	10	AN	AZ	BA	BA	BA	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	9	22.
10	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	0	
11	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	0	
12	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	0	
13	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	0	
14	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	0	
15	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	0	
16	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	0	
17	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	0	
18	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	0	
19	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	0	
20	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	0	
21	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	0	
22	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	0	
23	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	0	
24	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	0	
25	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	0	
26	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	0	
27	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	0	
28	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	0	
29	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	0	
30	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	BF	BA	BA	22	13	14	14	15	10	10	17	21	8	10	22.	
31	14	10	11	18	13	12	11	22	21	13	24	16	12	16	12	15	12	16	10	11	12	16	13	19	24	24.	
NO.:	10	10	10	10	10	10	10	10	10	9	9	9	9	8	9	9	9	10	10	10	10	10	10	10	10		
MAX:	28.	19.	16.	19.	18.	16.	17.	22.	21.	24.	24.	23.	24.	23.	22.	24.	23.	23.	24.	32.	26.	26.	21.	29.			
AVG:	15.4	11.2	9.4	11.7	10.1	13.1	14.0	15.5	13.6	13.1	13.3	15.6	15.9	15.5	13.3	15.2	14.7	14.5	16.0	15.1	16.2	17.7	14.5	14.2			

MONTHLY OBSERVATIONS: 231 MONTHLY MEAN: 14.1 MONTHLY MAX: 32.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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:

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

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

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	18	14	12	20	17	16	13	15	15	18	7	14	14	15	15	16	10	8	14	16	20	21	19	27	24	27.	
2	23	26	27	16	20	22	20	22	17	15	15	11	21	15	19	14	15	13	16	21	18	20	25	21	24	27.	
3	26	22	13	26	18	17	16	17	19	23	16	23	15	22	15	10	14	20	15	15	17	18	26	28	24	28.	
4	31	32	23	26	25	24	23	24	29	23	20	15	19	11	15	16	16	18	28	5	13	23	9	8	24	32.	
5	8	9	11	8	6	12	13	6	14	15	15	3	9	7	8	6	7	7	6	5	6	3	6	4	24	15.	
6	5	9	9	9	12	12	16	9	AX	BA	BA	14	9	12	13	8	11	14	17	14	11	14	17	15	21	17.	
7	19	16	19	12	16	17	15	13	11	19	8	12	9	18	15	11	16	16	8	13	10	12	10	24	19.		
8	11	11	8	8	12	11	11	14	9	7	14	14	13	14	10	8	9	5	7	10	9	11	8	10	24	14.	
9	14	16	9	13	9	10	13	20	19	16	20	13	14	10	20	13	11	9	19	9	15	14	22	20	24	22.	
10	25	23	24	18	21	17	16	12	18	19	15	18	13	12	18	6	9	9	8	16	24	15	18	23	24	25.	
11	20	13	12	16	12	15	6	8	9	12	14	12	15	16	13	11	20	15	16	22	17	21	19	17	24	22.	
12	13	17	18	9	12	14	21	20	21	23	11	16	18	14	18	21	14	16	13	29	27	26	25	18	24	29.	
13	30	28	24	29	23	20	26	56	24	15	12	23	17	21	16	20	32	29	35	22	21	18	17	17	24	56.	
14	16	7	14	11	19	6	6	3	16	25	0	22	7	22	14	28	19	11	16	9	16	19	10	11	24	28.	
15	5	3	5	9	10	10	8	13	19	8	20	20	22	14	16	20	13	21	19	13	11	8	12	11	24	22.	
16	15	13	12	11	9	12	13	18	15	16	14	17	14	15	13	15	24	15	6	10	6	9	5	AO	23	24.	
17	AO	AO	5	8	12	7	7	17	6	6	11	10	7	10	5	0	-2	-4	0	1	4	5	11	7	22	17.	
18	3	7	6	8	10	8	10	15	20	12	16	11	6	8	8	8	5	13	6	7	6	12	8	11	24	20.	
19	9	7	7	7	4	3	17	14	12	13	11	11	19	8	18	11	7	7	4	0	3	0	-1	3	24	19.	
20	6	5	6	8	10	10	7	10	6	14	8	15	10	12	13	6	5	13	9	11	8	10	8	20	24	20.	
21	10	10	6	8	5	6	6	11	6	4	9	6	8	3	3	15	10	11	6	5	15	9	5	5	24	15.	
22	5	3	6	12	7	10	17	14	13	13	9	19	15	9	8	17	5	11	7	5	1	5	5	6	24	19.	
23	6	4	10	13	7	12	20	12	17	21	AX	AX	BA	BA	29	40	51	41	48	39	39	32	39	32	20	51.	
24	21	11	16	12	9	8	6	5	4	15	1	9	12	11	8	7	9	4	10	6	0	3	5	7	24	21.	
25	3	2	9	8	16	19	11	11	10	7	11	9	13	9	8	13	6	10	13	8	8	9	18	12	24	19.	
26	12	12	14	13	16	20	16	16	19	12	16	BA	BA	BA	10	17	20	12	7	15	14	11	16	21	21	21.	
27	22	15	16	12	18	16	16	22	16	21	9	15	12	14	10	8	13	17	12	12	11	17	17	14	24	22.	
28	18	15	17	11	13	14	18	14	13	8	6	11	12	7	13	12	13	7	6	9	14	18	16	18	24	18.	
29	14	17	16	13	9	15	14	17	19	18	11	22	18	19	15	21	17	20	22	13	16	19	20	23	24	23.	
30	20	21	11	14	23	11	12	13	16	17	23	18	12	7	4	6	AO	AO	AO	AO	8	1	0	5	20	23.	
31																										0	
NO.:	29	29	30	30	30	30	30	29	29	28	28	28	28	30	30	29	29	29	29	29	30	30	30	29			
MAX:	31.	32.	27.	29.	25.	24.	26.	56.	29.	25.	23.	23.	22.	22.	29.	40.	51.	41.	48.	39.	39.	32.	39.	32.			
AVG:	14.8	13.4	12.8	12.9	13.3	13.1	13.8	15.4	14.9	15.0	12.2	14.4	13.3	12.7	13.0	13.6	13.6	13.4	13.8	12.2	13.0	13.4	13.9	14.6			

MONTHLY OBSERVATIONS: 703 MONTHLY MEAN: 13.6 MONTHLY MAX: 56.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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:

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

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

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	9	6	5	4	5	9	9	8	3	10	9	6	8	12	7	6	4	4	13	11	10	12	19	5	24	19.	
2	4	5	5	9	10	6	9	6	9	18	16	13	9	4	6	9	15	11	9	6	9	5	12	7	24	18.	
3	19	5	10	6	12	9	11	11	15	17	14	15	10	19	15	18	13	14	13	15	9	7	8	18	24	19.	
4	16	21	20	17	12	9	19	8	11	10	7	10	20	7	8	5	6	9	7	3	23	25	15	18	24	25.	
5	7	4	5	6	7	9	10	16	9	5	9	17	24	17	AX	BA	BA	8	3	3	5	9	9	4	21	24.	
6	1	1	5	5	7	6	5	10	8	2	6	8	10	8	7	5	16	20	13	18	16	21	11	11	24	21.	
7	9	8	10	6	4	8	11	10	5	BA	BA	BA	3	5	9	1	0	11	5	-1	3	4	2	0	21	11.	
8	-3	7	7	7	7	2	0	0	0	1	4	5	3	2	8	3	9	5	0	10	10	5	1	5	24	10.	
9	4	-1	-3	4	3	2	0	-1	2	4	8	9	6	12	8	4	1	7	7	7	4	6	5	0	24	12.	
10	3	4	1	7	17	15	0	5	4	18	0	-1	0	5	5	5	13	13	5	6	5	0	-1	-1	24	18.	
11	1	0	-4	-4	0	5	7	6	4	1	8	11	15	10	9	9	10	16	10	9	0	-2	8	6	24	16.	
12	0	-2	4	0	-4	-2	-4	-1	7	16	7	20	14	6	11	15	-1	5	6	7	4	6	4	4	24	20.	
13	2	12	5	3	2	5	3	0	4	8	5	5	15	13	6	8	14	14	8	15	-2	0	1	3	24	15.	
14	-2	-2	0	9	7	0	-1	-2	-1	1	3	6	6	3	16	8	5	4	18	11	8	5	14	9	24	18.	
15	5	3	12	6	4	0	3	4	4	2	5	13	7	5	7	5	2	3	6	4	6	4	3	5	24	13.	
16	12	6	0	-2	-4	-4	-3	3	7	4	0	0	3	4	11	14	-2	-4	-1	1	4	7	3	3	24	14.	
17	6	8	2	5	2	-4	0	2	7	9	7	BA	BA	BA	4	1	0	0	19	2	4	12	6	0	21	19.	
18	5	-1	-4	0	2	-1	-4	20	-3	2	8	14	AX	BA	BA	16	5	8	6	7	6	5	3	0	21	20.	
19	3	2	1	3	-5	0	6	3	3	2	4	BA	3	5	AX	BA	BA	16	18	19	17	19	16	18	20	19.	
20	18	12	12	12	8	13	18	18	24	21	BA	26	24	21	21	BA	BA	23	17	15	20	24	22	20	21	26.	
21	22	20	18	17	22	16	28	28	25	26	27	27	29	33	29	22	18	18	19	20	23	23	22	19	24	33.	
22	16	17	18	20	22	23	19	20	16	21	25	26	29	24	22	22	22	19	20	21	21	21	15	17	24	29.	
23	16	7	16	18	16	14	17	18	15	28	30	20	19	20	16	14	16	10	21	17	11	12	9	10	24	30.	
24	8	14	14	11	9	11	12	15	10	12	12	14	17	17	13	15	13	12	18	16	17	16	24	19	24	24.	
25	21	19	20	26	17	18	19	21	20	22	25	20	16	22	21	21	24	28	20	22	24	26	24	26	24	28.	
26	22	14	16	18	11	21	16	17	17	19	12	15	13	18	19	15	21	26	19	25	19	24	25	23	24	26.	
27	17	18	17	20	20	20	19	15	21	17	22	22	19	23	23	24	27	23	28	33	27	27	16	16	24	33.	
28	15	19	18	18	16	19	18	20	27	27	39	30	28	26	29	23	28	27	21	16	12	18	17	18	24	39.	
29	15	18	21	26	24	22	22	26	14	13	9	7	11	10	10	7	15	14	11	12	11	11	11	11	24	26.	
30	13	11	11	16	15	17	16	13	14	13	13	10	12	12	10	9	16	10	11	13	11	18	16	14	24	18.	
31	14	10	15	17	17	19	13	19	24	12	39	13	11	9	16	13	12	17	10	13	17	17	19	17	24	39.	
NO.:	31	31	31	31	31	31	31	31	31	30	29	28	29	29	28	28	28	31	31	31	31	31	31	31	31		
MAX:	22.	21.	21.	26.	24.	23.	28.	28.	27.	28.	39.	30.	29.	33.	29.	24.	28.	28.	28.	33.	27.	27.	25.	26.			
AVG:	9.6	8.5	8.9	10.0	9.2	9.3	9.6	10.9	10.5	12.0	12.9	13.6	13.2	12.8	13.1	11.4	11.2	12.6	12.4	12.1	11.5	12.5	11.6	10.5			

MONTHLY OBSERVATIONS: 725 MONTHLY MEAN: 11.2 MONTHLY MAX: 39.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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:

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

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

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

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	16	16	20	14	18	19	18	26	21	16	20	15	17	14	16	12	15	15	16	14	20	20	23	19	24	26.	
2	17	19	17	20	23	19	23	19	20	25	23	22	26	27	29	24	28	31	26	25	26	26	21	24	24	31.	
3	26	28	26	22	25	23	27	22	31	35	BA	BA	BA	BA	BA	BC	BC	BC	AZ	AZ	AZ	AZ	AZ	AZ	10	35.	
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	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	AZ	0	
6	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
7	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	0	
8	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	AZ	11	7	6	6	4	9	9	11	11	13	11	11	11	14	13	14.
9	15	11	15	14	15	13	13	16	15	15	16	13	10	12	17	11	14	13	12	15	14	14	13	16	24	17.	
10	18	15	16	18	13	15	14	17	17	11	7	6	7	9	9	7	6	12	9	11	12	10	9	8	24	18.	
11	10	6	6	8	8	6	7	7	13	11	15	19	16	16	17	17	19	16	14	16	8	12	16	5	24	19.	
12	6	4	4	6	8	9	8	6	7	11	13	12	14	12	9	23	4	7	8	8	10	10	7	7	24	23.	
13	7	8	8	7	5	4	3	6	6	6	6	6	14	15	14	19	18	11	13	14	16	13	14	18	24	19.	
14	13	19	16	18	17	21	18	28	26	21	19	17	17	18	17	15	13	14	10	12	18	17	15	12	24	28.	
15	12	13	13	11	13	13	19	26	14	16	14	14	19	14	10	12	11	10	11	10	8	11	8	10	24	26.	
16	13	14	16	13	11	13	14	10	11	9	12	10	15	AX	BA	BA	15	15	17	14	12	16	20	14	21	20.	
17	15	17	17	20	26	23	18	22	20	20	20	13	16	14	11	19	11	13	10	9	9	10	8	7	24	26.	
18	10	13	12	12	12	14	14	20	20	20	20	19	12	19	15	16	22	18	20	21	18	27	29	21	24	29.	
19	12	13	13	10	10	12	12	12	14	17	14	14	13	12	17	15	15	11	19	14	16	22	18	16	24	22.	
20	19	15	13	17	12	21	16	16	20	16	17	18	16	16	17	36	22	21	15	19	19	23	16	19	24	36.	
21	19	21	17	19	14	16	19	16	20	21	20	23	22	17	14	18	18	12	18	20	17	23	22	17	24	23.	
22	18	18	17	17	20	15	13	14	19	16	16	14	12	20	17	16	11	18	14	21	13	16	14	14	24	21.	
23	14	16	18	11	16	13	15	16	22	21	16	18	22	22	21	21	20	14	17	16	21	12	14	9	24	22.	
24	10	15	10	10	11	13	11	17	18	21	17	17	16	16	15	19	23	20	19	20	21	18	14	19	24	23.	
25	14	16	20	17	11	14	18	17	23	18	16	22	11	14	11	14	19	19	21	18	20	22	16	20	24	23.	
26	17	19	18	13	15	17	18	17	15	10	11	15	9	13	10	11	12	15	17	18	11	16	18	15	24	19.	
27	15	15	20	12	13	12	13	15	12	14	12	11	12	12	10	15	19	18	12	18	11	14	15	15	24	20.	
28	13	14	13	14	13	16	13	19	18	20	22	27	20	23	26	31	25	21	28	19	15	17	17	14	24	31.	
29	10	10	8	6	6	3	1	2	4	3	0	1	2	5	8	6	4	6	5	5	10	7	6	6	24	10.	
30	10	8	6	7	8	8	8	16	8	8	5	5	9	AX	BA	BA	16	7	9	12	13	11	15	13	21	16.	
31	18	16	16	16	12	18	16	19	34	31	17	13	12	20	13	12	14	17	8	5	8	6	11	9	24	34.	
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	26		
MAX:	26.	28.	26.	22.	26.	23.	27.	28.	34.	35.	23.	27.	26.	27.	29.	36.	28.	31.	28.	25.	26.	27.	29.	24.			
AVG:	14.1	14.6	14.4	13.5	13.7	14.2	14.2	16.2	17.2	16.6	14.7	14.4	14.1	15.3	14.5	16.4	15.5	14.7	14.6	14.8	14.6	15.5	15.0	13.9			

MONTHLY OBSERVATIONS: 617 MONTHLY MEAN: 14.9 MONTHLY MAX: 36.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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:

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	7	12	9	11	10	11	12	9	10	12	11	16	4	9	16	3	16	13	15	3	7	6	5	4	24	16.	
2	3	5	6	5	7	5	5	8	6	4	5	7	10	14	12	12	14	15	12	13	12	12	11	9	24	15.	
3	6	6	10	11	8	14	12	11	9	9	5	4	4	5	4	2	3	3	9	7	11	16	15	24	16.		
4	14	11	9	13	21	15	13	13	17	19	18	20	24	23	28	22	24	21	18	21	23	22	27	20	24	28.	
5	21	20	21	23	17	20	18	13	15	19	22	24	19	16	16	13	18	19	16	17	16	26	27	22	24	27.	
6	12	10	8	8	11	11	8	10	15	16	17	11	11	18	16	19	12	9	10	8	14	13	14	13	24	19.	
7	13	11	14	14	13	15	16	23	16	AX	BA	BA	7	7	9	9	9	11	11	10	12	16	16	13	21	23.	
8	13	10	16	14	11	10	11	15	15	14	10	7	7	7	5	8	6	6	5	8	8	6	11	15	24	16.	
9	12	13	11	15	12	12	9	13	10	10	10	10	9	12	11	11	13	10	10	14	12	9	10	14	24	15.	
10	10	8	10	8	6	10	12	9	9	9	7	6	4	6	6	8	6	5	8	8	8	10	10	10	24	12.	
11	8	10	11	12	11	7	8	11	10	16	13	11	12	12	9	16	13	14	13	9	7	13	12	9	24	16.	
12	9	7	9	13	13	12	7	7	10	7	5	8	10	10	6	3	2	9	18	12	9	12	13	9	24	18.	
13	10	12	14	11	10	10	13	16	16	12	9	12	10	12	11	12	11	14	16	9	9	16	14	13	24	16.	
14	13	14	11	9	11	9	16	25	17	12	14	AX	BA	BA	21	20	18	16	16	18	20	19	25	20	21	25.	
15	21	22	17	21	23	17	17	21	14	14	12	18	15	12	13	12	16	19	17	16	15	18	21	18	24	23.	
16	15	14	16	15	13	16	10	16	22	20	16	13	10	13	10	11	10	14	10	14	13	12	15	21	24	22.	
17	15	18	14	13	12	11	16	16	12	11	7	5	13	14	8	6	6	9	10	15	10	10	9	8	24	18.	
18	12	7	11	9	12	13	12	11	11	11	11	12	9	9	9	11	10	10	10	13	10	10	11	8	24	13.	
19	8	10	11	13	11	12	16	16	18	18	18	15	20	23	24	22	22	16	16	17	17	15	20	16	24	24.	
20	19	11	16	14	13	12	12	10	29	20	20	27	18	22	18	16	15	16	21	23	25	22	18	16	24	29.	
21	20	16	16	13	20	11	13	23	20	15	14	17	16	19	12	20	11	25	25	15	16	16	13	16	24	25.	
22	16	12	13	14	16	18	13	18	33	28	23	21	20	19	19	17	15	18	20	23	20	28	21	22	24	33.	
23	15	16	16	20	21	20	15	19	21	20	19	11	13	9	13	16	15	13	15	16	16	13	13	18	24	21.	
24	16	11	15	9	17	17	13	15	14	11	10	13	11	11	9	9	7	10	12	16	13	16	10	9	24	17.	
25	9	14	10	14	17	16	14	16	23	21	14	13	16	15	14	11	9	14	10	6	8	10	9	6	24	23.	
26	4	2	4	6	6	6	4	4	10	9	10	34	6	9	10	9	9	17	11	12	7	8	6	5	24	34.	
27	7	10	10	6	7	5	7	10	8	44	26	13	16	13	11	10	11	9	16	12	11	7	10	11	24	44.	
28	11	8	13	10	13	15	16	19	20	27	24	36	33	30	29	32	33	27	28	26	21	18	16	30	24	36.	
29	21	14	12	11	17	12	12	12	12	15	12	12	15	14	16	11	11	14	16	17	17	16	14	14	24	21.	
30	16	16	17	11	10	8	11	17	13	11	17	16	9	12	11	9	6	11	14	11	12	9	7	7	24	17.	
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	30		
MAX:	21.	22.	21.	23.	23.	20.	18.	25.	33.	44.	26.	36.	33.	30.	29.	32.	33.	27.	28.	26.	25.	28.	27.	30.			
AVG:	12.5	11.7	12.3	12.2	13.0	12.3	12.0	14.2	15.2	15.7	13.8	14.7	12.8	13.6	13.2	12.7	12.4	13.6	14.1	13.7	13.2	14.0	14.1	13.7			

MONTHLY OBSERVATIONS: 714 MONTHLY MEAN: 13.3 MONTHLY MAX: 44.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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:

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

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

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE: 4

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	8	9	8	8	10	9	7	5	7	6	4	8	7	6	7	8	6	15	10	12	11	13	10	24	15.	
2	10	9	6	7	12	12	11	13	16	AX	BA	BA	BA	12	14	14	11	17	15	16	15	12	17	7	20	17.	
3	12	11	12	8	11	11	11	11	15	21	55 V	11	10	15	13	13	14	11	17	13	11	15	17	13	24	55.	
4	14	11	11	15	13	11	17	10	20	19	17	15	12	11	11	16	21	18	24	18	25	19	15	16	24	25.	
5	12	13	13	14	10	12	10	14	16	19	23	17	14	13	11	11	16	17	16	24	22	17	15	12	24	24.	
6	13	14	15	12	11	12	8	19	16	18	28	54 V	20	15	16	15	15	15	17	19	20	20	23	19	24	54.	
7	17	19	12	14	16	12	14	11	18	12	18	11	7	8	13	9	7	7	6	4	2	7	10	6	24	19.	
8	5	4	5	11	8	6	7	9	12	16	10	6	6	4	3	3	5	8	6	6	7	9	17	15	24	17.	
9	21	16	11	8	12	13	12	8	9	7	5	9	11	9	12	16	16	10	14	9	9	7	6	6	24	21.	
10	10	9	10	10	10	11	13	21	19	20	22	18	18	15	22	18	16	16	9	8	10	12	12	11	24	22.	
11	6	7	8	5	6	10	10	18	15	13	11	28	60 V	14	14	19	15	19	17	14	11	8	8	9	24	60.	
12	10	18	15	14	18	12	11	21	23	24	19	21	8	12	8	6	8	11	7	3	3	4	5	4	24	24.	
13	4	3	3	3	3	4	5	5	9	9	9	10	7	11	11	12	14	14	15	9	12	15	16	12	24	16.	
14	16	7	6	6	7	5	4	6	4	3	5	8	6	8	6	6	4	3	5	19	19	11	8	10	24	19.	
15	10	11	11	13	12	7	9	9	10	11	8	10	12	17	10	12	17	15	11	12	18	17	9	8	24	18.	
16	12	10	10	13	10	12	13	13	15	8	7	6	8	9	7	9	14	12	10	12	12	15	12	9	24	15.	
17	10	7	5	6	7	5	7	8	8	11	7	5	4	5	6	6	5	7	9	11	9	7	11	12	24	12.	
18	9	6	7	8	9	6	7	10	18	10	AX	BA	BA	BA	5	6	6	11	8	12	18	15	15	12	20	18.	
19	10	10	6	5	9	7	16	11	20	12	15	11	11	15	14	17	16	12	14	18	22	20	21	18	24	22.	
20	11	12	14	14	13	9	10	14	16	22	14	13	9	12	13	14	14	16	14	15	14	16	22	20	24	22.	
21	21	17	20	18	18	18	13	12	21	21	16	12	12	14	14	11	14	17	23	22	27	20	26	24	24	27.	
22	21	23	22	20	20	23	25	19	22	23	21	20	18	10	13	13	11	13	17	17	15	14	13	14	24	25.	
23	12	10	9	9	7	7	6	11	11	12	14	14	12	17	14	19	20	16	16	7	8	9	7	5	24	20.	
24	6	6	7	5	6	7	11	18	15	16	17	13	8	10	12	9	7	13	13	15	15	12	11	10	24	18.	
25	14	13	14	10	10	9	12	16	11	11	13	14	11	11	10	10	13	8	8	9	10	12	11	8	24	16.	
26	8	8	8	10	9	16	15	23	15	14	19	12	13	17	10	8	9	14	12	19	15	17	15	16	24	23.	
27	16	13	12	9	10	12	10	15	18	13	16	16	16	15	18	16	16	12	13	21	17	20	15	12	24	21.	
28	10	13	15	15	14	14	12	10	14	21	10	13	11	7	9	6	5	11	16	20	17	18	9	11	24	21.	
29	7	8	8	5	4	6	5	7	5	2	11	11	8	16	11	7	9	10	8	6	6	10	7	7	24	16.	
30	8	5	6	6	6	6	5	6	8	6	6	6	6	6	4	7	8	8	11	12	12	16	13	16	24	16.	
31	13	9	11	8	6	14	11	14	13	18	17	16	6	14	12	13	21	18	18	18	19	18	21	20	24	21.	
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	31		
MAX:	21.	23.	22.	20.	20.	23.	25.	23.	23.	24.	55.	54.	60.	17.	22.	19.	21.	19.	24.	24.	27.	20.	26.	24.			
AVG:	11.5	10.6	10.4	10.0	10.2	10.3	10.6	12.5	14.1	14.0	15.1	13.9	12.1	11.7	10.9	11.3	12.1	12.4	13.0	13.5	13.9	13.6	13.5	12.0			

MONTHLY OBSERVATIONS: 736 MONTHLY MEAN: 12.2 MONTHLY MAX: 60.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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:

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	18	23	22	23	21	24	17	22	25	25	32	28	23	21	20	16	17	15	19	15	20	18	18	18	24	32.	
2	15	13	16	10	12	15	14	13	23	19	12	9	6	5	4	7	5	8	13	12	13	12	16	11	24	23.	
3	14	11	14	13	14	13	13	16	11	23	14	AX	BA	BA	13	19	14	20	19	20	26	31	17	23	21	31.	
4	22	19	23	19	12	13	11	16	15	16	18	17	19	16	18	19	17	22	25	22	16	19	23	26	24	26.	
5	23	26	25	21	27	29	11	11	11	10	9	9	9	9	7	12	8	9	14	14	15	15	13	14	24	29.	
6	18	18	16	10	8	8	11	10	12	13	17	23	18	27	22	23	21	20	25	31	20	19	18	26	24	31.	
7	17	17	20	23	22	19	14	19	21	27	25	93 V	31	35	31	29	3	6	7	13	10	11	7	6	24	93.	
8	7	5	6	6	3	7	8	5	5	10	7	6	7	7	6	4	3	4	6	2	2	5	6	10	24	10.	
9	6	5	8	11	10	5	3	4	4	5	5	5	3	1	2	2	4	4	3	2	4	2	3	4	24	11.	
10	3	5	6	6	6	9	9	7	8	10	11	12	14	12	10	14	10	13	14	16	14	13	11	8	24	16.	
11	6	5	7	5	3	5	5	6	5	5	4	7	10	10	11	11	10	11	14	16	13	13	18	22	24	22.	
12	15	18	19	15	13	15	16	9	11	8	8	9	12	11	11	13	12	12	16	18	14	18	17	21	24	21.	
13	20	19	15	19	18	15	13	11	10	10	11	12	9	9	8	7	5	7	13	16	12	12	11	24	20.		
14	14	16	12	19	17	18	20	22	22	18	11	19	20	16	11	10	9	13	13	11	11	13	9	12	24	22.	
15	13	12	8	8	10	8	9	14	13	12	AZ	BA	BA	BA	11	12	10	15	12	16	18	16	16	26	20	26.	
16	24	14	16	20	16	14	15	18	20	22	19	13	15	10	11	7	4	10	14	25	18	12	17	8	24	25.	
17	8	10	8	6	9	8	8	9	11	13	9	9	7	12	8	10	11	9	15	16	16	14	22	24	24	24.	
18	28	20	19	22	18	17	16	14	19	17	18	12	13	12	20	12	13	18	12	17	14	12	19	6	24	28.	
19	16	15	11	11	18	11	6	4	8	10	6	3	2	4	2	-1	-1	1	4	5	6	5	6	11	24	18.	
20	10	7	10	9	6	9	8	8	13	11	12	9	11	10	5	4	12	10	8	24	18	22	27	22	24	27.	
21	20	15	12	14	18	16	11	17	18	23	16	17	14	9	9	6	6	13	15	21	23	17	16	18	24	23.	
22	13	10	10	16	16	7	15	9	15	13	12	13	15	11	13	9	10	13	13	8	9	6	9	8	24	16.	
23	10	11	7	8	9	8	8	9	9	8	11	8	5	6	7	8	8	15	20	17	20	18	18	23	24	23.	
24	22	18	23	22	18	19	17	20	20	21	8	10	11	44	7	7	10	9	13	17	20	21	20	23	24	44.	
25	21	23	24	26	28	25	30	28	26	25	19	12	19	18	14	11	13	15	17	18	22	18	18	16	24	30.	
26	19	16	18	15	17	10	12	13	11	6	6	4	5	4	1	5	8	5	3	7	12	14	18	21	24	21.	
27	21	20	24	21	20	13	14	11	23	17	8	9	6	9	7	7	13	14	17	18	19	27	28	28	24	28.	
28	23	19	20	16	19	14	14	18	21	19	18	27	13	9	9	8	6	16	23	28	28	27	32	27	24	32.	
29	28	25	28	28	23	19	22	24	23	26	28	14	13	12	9	9	13	17	33	31	25	28	33	25	24	33.	
30	27	26	26	23	20	23	19	23	24	29	30	26	15	21	21	26	29	27	37	39	36	37	38	35	24	39.	
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	30	30	30
MAX:	28.	26.	28.	28.	28.	29.	30.	28.	26.	29.	32.	93.	31.	44.	31.	29.	29.	27.	37.	39.	36.	37.	38.	35.			
AVG:	16.7	15.4	15.8	15.5	15.0	13.9	13.0	13.7	15.2	15.7	13.9	15.5	12.3	13.2	11.0	10.9	10.2	12.3	15.0	17.1	16.6	16.5	17.5	17.8			

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: 14.6 MONTHLY MAX: 93.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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:

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2017

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: 4

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	34	34	30	33	36	39	28	32	38	34	AX	BA	BA	17	23	12	22	14	20	18	19	17	13	22	21	39.		
2	20	19	17	18	18	26	20	20	16	23	21	22	18	25	21	19	22	20	22	22	21	19	26	24	24	26.		
3	19	17	26	23	28	22	20	16	21	18	20	17	17	21	18	25	21	24	21	22	31	20	27	27	24	31.		
4	20	20	24	21	19	18	20	15	26	16	19	20	8	7	9	7	11	10	17	22	18	21	23	18	24	26.		
5	13	20	16	16	17	17	14	16	19	18	21	19	24	20	11	16	18	16	21	18	16	14	21	13	24	24.		
6	7	3	3	2	1	5	3	3	5	7	5	9	8	12	17	10	9	6	7	10	7	11	17	14	24	17.		
7	13	14	11	13	14	9	7	11	7	7	7	6	6	9	10	7	11	17	11	23	19	23	21	25	24	25.		
8	21	17	18	16	8	8	11	9	15	13	15	16	15	11	11	9	13	6	10	6	15	6	6	6	7	11	24	21.
9	8	10	15	7	10	8	6	10	6	8	6	7	4	7	4	5	6	7	13	18	16	15	13	14	24	18.		
10	15	16	16	11	11	12	16	9	10	7	12	9	8	5	3	8	9	7	11	24	18	21	24	20	24	24.		
11	20	17	20	16	14	15	15	19	19	22	21	15	14	11	15	13	20	15	23	18	16	22	21	17	24	23.		
12	15	18	13	11	13	15	15	20	17	19	16	19	18	11	21	16	12	12	11	8	9	12	14	8	24	21.		
13	6	6	10	6	4	8	8	9	13	12	9	8	9	6	8	9	7	12	10	13	12	9	9	11	24	13.		
14	13	15	10	11	13	12	11	13	18	16	17	14	21	18	15	12	11	15	18	25	24	18	15	15	24	25.		
15	15	13	13	16	16	10	10	19	11	16	16	15	13	17	6	12	22	19	20	22	26	22	26	24	18	24	26.	
16	16	13	17	11	10	16	14	13	13	14	15	14	16	12	14	15	12	16	18	32	33	30	32	29	24	33.		
17	34	29	26	28	27	24	25	27	25	29	27	26	31	27	22	21	23	27	25	30	29	31	28	30	24	34.		
18	25	23	20	22	20	24	21	22	22	26	34	AX	BA	BA	21	25	27	23	32	36	38	38	34	38	21	38.		
19	34	33	31	31	18	26	26	28	35	34	32	20	21	10	23	15	20	22	27	21	25	24	21	17	24	35.		
20	17	17	20	19	19	14	16	21	22	19	16	18	15	15	15	9	8	7	16	13	10	9	9	13	24	22.		
21	16	6	7	17	17	5	18	21	21	21	14	11	14	13	11	14	14	9	11	20	16	19	18	22	24	22.		
22	18	14	15	17	15	12	15	15	15	15	20	17	18	20	17	9	12	10	23	17	AN	AN	AN	AN	20	23.		
23	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	9	9	10	16	16	14	21	14	15	9	21.		
24	9	5	2	0	0	2	1	6	4	7	5	7	8	6	11	9	7	12	14	9	7	6	7	19	24	19.		
25	10	11	10	11	13	8	4	4	8	6	5	6	4	4	5	5	5	5	7	6	5	8	7	24	13.			
26	6	7	8	4	6	6	3	5	6	8	6	6	6	6	4	4	7	11	10	19	11	19	14	17	24	19.		
27	15	18	17	14	10	15	11	9	9	8	10	10	8	11	9	6	9	10	12	9	7	9	7	8	24	18.		
28	10	11	17	17	15	12	11	10	13	10	7	10	11	9	11	8	7	6	5	9	11	15	11	11	24	17.		
29	13	16	14	14	14	12	10	13	13	14	13	15	10	15	16	20	16	15	20	37	35	43	43	41	24	43.		
30	44	38	29	27	27	26	26	25	26	22	23	18	23	26	19	18	20	23	21	23	23	15	15	11	24	44.		
31	12	12	11	8	7	8	9	8	8	8	14	9	8	8	9	7	6	7	7	6	9	6	2	5	24	14.		
NO.:	30	30	30	30	30	30	30	30	30	30	29	28	28	29	30	31	31	31	31	31	30	30	30	30	30			
MAX:	44.	38.	31.	33.	36.	39.	28.	32.	38.	34.	34.	26.	31.	27.	23.	25.	27.	27.	32.	37.	38.	43.	43.	41.				
AVG:	17.3	16.4	16.2	15.3	14.7	14.5	13.9	14.9	16.1	15.8	15.4	13.7	13.4	13.1	13.5	12.4	13.3	13.5	16.3	18.7	17.6	18.1	17.9	18.0				

MONTHLY OBSERVATIONS: 719 MONTHLY MEAN: 15.4 MONTHLY MAX: 44.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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

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

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

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

REPORT FOR: 2017

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	7											
2			4									
3		7										
4	7											
5			8									
6		15										
7	6 V											
8			10									
9		4										
10												
11	9		8									
12		18										
13	11											
14			4									
15		11										
16	9											
17			14									
18		15										
19	11											
20			9									
21		15										
22	6											
23												
24		15										
25	8											
26												
27		13										
28	6											
29												
30												
31	14											
NO.:	11	9	7	0	0	0	0	0	0	0	0	0
MAX:	14.	18.	14.									
MEAN:	8.5	12.6	8.1									
ANNUAL OBSERVATIONS:	27											
ANNUAL MEAN:			9.8									
ANNUAL MAX:				18.								

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

SITE ID: 37-183-0014 POC: 8
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS:

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

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

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

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DURATION: 24 HOUR
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 MIN DETECTABLE: 4

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	7											
2			5									
3												
4												
5												
6		15										
7	5 V											
8			11									
9												
10												
11												
12		19										
13	11											
14			4									
15												
16												
17												
18		15										
19	11											
20			9									
21												
22												
23												
24		15										
25	9											
26												
27												
28												
29												
30												
31	14											
NO.:	6	4	4	0	0	0	0	0	0	0	0	0
MAX:	14.	19.	11.									
MEAN:	9.5	16.0	7.3									
ANNUAL OBSERVATIONS:	14											
ANNUAL MEAN:			10.7									
ANNUAL MAX:					19.							

Note: Qualifier codes with regional concurrence are shown in upper case, and those without 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
5	Outlier	QA
6	QAPP Issue	QA
AH	Sample Flow Rate or CV out of Limits	NULL
AJ	Filter Damage	NULL
AN	Machine Malfunction	NULL
AO	Bad Weather	NULL
AV	Power Failure	NULL
AX	Precision Check	NULL
AZ	Q C Audit	NULL
BA	Maintenance/Routine Repairs	NULL
BC	Multi-point Calibration	NULL
BE	Building/Site Repair	NULL
BF	Precision/Zero/Span	NULL
BJ	Operator Error	NULL
BK	Site computer/data logger down	NULL
DL	Detection Limit Analyses	NULL
IM	Prescribed Fire	INFORM
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.