

User ID: XJLSTEGER

RAW DATA REPORT

Report Request ID: 1657129

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
2016 01 01	2016 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: SPM
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2016

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																										0		
2																											0	
3																											0	
4																											0	
5																											0	
6																											0	
7																											0	
8																											0	
9																											0	
10																											0	
11																											0	
12																											0	
13																											0	
14																											0	
15																											0	
16																											0	
17																											0	
18																											0	
19																											0	
20																											0	
21																											0	
22																											0	
23																											0	
24	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	
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	9	6	7	6	9	7	6	3	3	5	BK	2	BK	6	5	3	5	5	11	16	9	17	20	14	22	7	6.	
30	15	14	10	8	13	8	10	9	7	7	7	12	9	10	13	14	14	15	14	17	14	18	11	19	24	24	19.	
31	16	21	16	17	16	19	17	20	17	11	12	19	18	20	20	19	24	14	18	17	12	13	13	13	24	24.		
NO.:	3	3	3	3	3	3	3	3	3	3	2	3	2	3	3	3	3	4	4	4	4	4	4	4	4	4		
MAX:	16.	21.	16.	17.	16.	19.	17.	20.	17.	11.	12.	19.	18.	20.	20.	19.	24.	15.	18.	17.	14.	18.	20.	19.				
AVG:	13.3	13.7	11.0	10.3	12.7	11.3	11.0	10.7	9.0	7.7	9.5	11.0	13.5	12.0	12.7	12.0	14.3	9.0	12.3	13.8	10.0	13.0	12.5	13.0				

MONTHLY OBSERVATIONS: 77 MONTHLY MEAN: 11.7 MONTHLY MAX: 24.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that 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: 37-003-0005 POC: 3
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CAS NUMBER:
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 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: APRIL 2016

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	15	16	9	8	5	5	15	7	5	BA	AX	4	8	9	7	5	3	5	8	4	5	5	7	4	22	16.	
2	8	11	7	7	8	9	7	12	8	8	9	9	6	6	18	7	9	8	7	5	6	7	10	11	24	18.	
3	10	12	16	17	19	16	7	8	6	5	5	3	3	3	6	5	6	5	12	12	11	11	15	6	24	19.	
4	9	10	12	9	6	10	10	6	10	7	7	6	4	6	6	15	10	9	18	19	16	13	14	26	24	26.	
5	16	12	16	11	12	12	14	10	9	5	2	10	6	5	5	7	8	9	10	16	10	9	12	14	24	16.	
6	12	10	13	12	15	12	14	9	12	11	10	9	10	10	12	12	8	24	59	66	67	52	24	22	24	67.	
7	23	29	14	14	9	6	5	7	4	3	4	6	5	6	10	8	10	12	11	8	10	6	3	3	24	29.	
8	5	8	6	3	8	6	6	6	5	2	0	6	6	5	4	3	2	8	8	10	6	4	3	4	24	10.	
9	7	7	7	4	7	8	14	10	15	19	9	7	8	5	6	4	5	6	8	5	3	3	8	6	24	19.	
10	5	7	9	6	7	9	8	6	9	6	5	4	11	10	8	7	8	11	9	15	15	8	6	8	24	15.	
11	11	9	11	10	8	15	12	14	22	55	23	18	18	18	17	14	16	17	11	17	21	17	21	18	24	55.	
12	21	16	11	11	11	18	15	12	14	10	6	4	4	8	5	3	0	2	7	7	7	12	12	11	24	21.	
13	8	10	8	8	8	14	10	6	8	7	11	12	10	9	9	15	15	13	16	12	13	13	15	18	24	18.	
14	11	13	10	13	13	14	12	12	17	15	30	12	12	14	14	13	16	13	22	18	15	16	17	18	24	30.	
15	15	14	16	11	14	11	14	12	10	7	7	14	14	11	11	17	9	12	18	10	18	16	13	17	24	18.	
16	15	13	13	12	12	8	13	9	7	6	6	5	6	3	3	5	8	7	11	11	9	18	17	12	24	18.	
17	13	11	12	10	12	8	7	10	15	16	13	14	10	6	9	12	14	11	10	15	13	17	18	16	24	18.	
18	16	16	12	9	13	13	11	8	10	10	10	8	10	10	15	12	15	10	17	23	21	19	24	18	24	24.	
19	20	16	13	14	13	13	14	17	13	16	17	BA	AX	AX	16	11	13	16	13	20	24	21	18	26	21	26.	
20	26	20	18	19	23	37	24	21	15	16	12	15	20	20	25	22	27	36	21	25	20	18	25	21	24	37.	
21	16	19	16	21	25	26	58	31	31	23	18	20	18	16	23	18	15	23	17	18	19	14	16	17	24	58.	
22	15	16	19	10	16	13	9	11	12	13	10	15	11	14	8	3	5	6	5	5	5	5	6	6	24	19.	
23	6	3	0	2	3	3	3	3	6	4	16	5	6	4	2	2	4	11	11	8	9	7	14	13	24	16.	
24	12	13	11	10	14	10	13	12	13	9	11	9	8	10	12	13	10	13	10	19	11	15	14	13	24	19.	
25	15	11	11	12	11	13	11	11	13	14	15	9	7	14	13	16	16	15	18	13	13	11	9	13	24	18.	
26	9	14	11	8	7	8	13	12	11	11	13	13	12	13	15	15	20	17	23	21	19	13	14	20	24	23.	
27	12	17	13	18	21	14	17	15	18	15	17	21	22	14	25	32	22	22	14	20	13	21	12	12	24	32.	
28	14	15	11	20	17	15	12	14	12	14	17	19	13	11	23	11	17	11	11	15	11	9	15	14	24	23.	
29	11	19	11	9	13	8	10	12	9	11	13	10	10	11	7	8	11	14	19	16	18	15	20	15	24	20.	
30	14	15	18	16	13	14	12	8	6	1	0	2	8	5	3	6	5	5	7	9	7	4	3	1	24	18.	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	29	29	29	29	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	26.	29.	19.	21.	25.	37.	58.	31.	31.	55.	30.	21.	22.	20.	25.	32.	27.	36.	59.	66.	67.	52.	25.	26.			
AVG:	13.0	13.4	11.8	11.1	12.1	12.3	13.0	11.0	11.5	11.7	10.9	10.0	9.9	9.5	11.2	10.7	10.9	12.4	14.4	15.4	14.5	13.3	13.5	13.4			

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 12.1 MONTHLY MAX: 67.

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AIR QUALITY SYSTEM
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May. 30, 2018

(81102) PM10 Total 0-10um STP

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PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2016
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	1	0	1	3	1	-1	0	6	3	0	0	2	4	1	1	5	8	10	8	9	17	13	10	14	24	17.	
2	17	12	14	13	14	16	11	11	11	9	5	7	12	AX	BA	23	13	8	12	11	16	0	9	5	22	23.	
3	5	3	6	5	6	5	6	5	6	6	4	3	5	5	3	1	11	6	14	10	14	18	15	14	24	18.	
4	16	11	12	15	9	12	14	12	8	15	9	5	9	6	8	7	5	6	8	10	9	11	11	11	24	16.	
5	7	6	8	6	3	2	4	4	5	9	6	AZ	8	6	9	7	5	9	9	6	4	2	3	22	9.		
6	3	3	1	1	1	4	5	6	11	9	8	14	16	8	11	7	3	14	8	10	7	5	6	5	24	16.	
7	5	6	6	4	5	8	8	7	5	7	9	10	8	12	14	17	18	19	19	20	17	14	11	11	24	20.	
8	11	9	5	5	10	8	7	10	20	16	17	11	10	30	15	17	15	17	15	20	18	14	13	15	24	30.	
9	11	18	16	12	10	12	14	13	14	11	13	16	13	16	16	26	20	18	26	20	22	15	28	30	24	30.	
10	24	21	19	23	20	13	14	20	13	22	15	19	16	18	22	16	22	19	26	28	21	20	25	25	24	28.	
11	22	24	23	20	13	16	18	19	21	23	15	18	18	12	13	17	15	18	18	21	12	18	15	13	24	24.	
12	14	17	13	13	17	15	11	9	17	11	13	15	11	19	24	17	17	18	15	13	9	15	14	15	24	24.	
13	12	18	21	14	18	17	16	19	10	9	5	9	8	6	7	9	9	14	12	11	12	8	10	8	24	21.	
14	7	5	5	6	7	10	6	2	1	5	10	9	10	12	16	13	13	14	17	11	12	13	7	6	24	17.	
15	8	5	6	7	6	6	5	7	5	6	4	1	1	3	5	5	4	8	6	6	6	5	7	8	24	8.	
16	7	11	6	5	5	4	3	4	5	4	8	6	6	9	14	11	9	12	15	18	12	13	10	11	24	18.	
17	10	7	9	13	10	15	15	13	8	15	12	10	8	10	12	12	11	14	14	10	10	16	17	17	24	17.	
18	19	11	13	15	3	8	15	17	12	10	9	6	9	5	12	10	5	6	9	10	8	12	8	8	24	19.	
19	14	17	9	6	7	10	7	8	7	5	4	6	9	13	8	4	4	7	8	10	7	9	11	13	24	17.	
20	10	12	11	14	12	15	9	18	13	13	9	7	4	7	9	11	17	13	11	14	13	8	4	3	24	18.	
21	6	6	5	6	10	6	6	5	6	4	6	5	8	8	5	4	7	7	5	10	8	12	11	12	16	24	16.
22	13	14	12	15	10	9	14	10	8	21	20	22	15	14	11	19	13	12	10	14	9	6	3	5	24	22.	
23	6	5	6	8	7	7	8	7	6	6	4	5	3	5	5	2	0	2	3	10	11	6	5	6	24	11.	
24	5	6	3	2	5	6	4	4	3	4	18	6	5	9	14	10	8	15	14	10	14	12	11	20	24	20.	
25	18	11	14	10	15	11	12	13	16	13	11	14	16	13	17	17	18	20	24	24	27	25	20	24	24	27.	
26	24	25	23	15	23	23	19	22	28	23	AX	AX	AX	25	21	23	23	24	22	26	22	27	21	18	21	28.	
27	26	22	23	26	19	24	14	23	24	23	25	28	23	24	25	23	23	17	21	22	21	20	19	24	24	28.	
28	22	27	21	22	20	20	22	17	21	13	18	11	17	16	19	13	18	12	17	20	16	20	21	23	24	27.	
29	14	17	14	21	21	17	14	15	7	11	14	12	10	6	7	8	7	6	5	6	9	8	15	9	24	21.	
30	11	10	10	16	9	8	6	6	8	7	7	9	8	9	10	7	6	11	13	9	10	9	8	6	24	16.	
31	12	16	3	10	15	8	11	9	10	7	7	9	11	11	7	9	32	12	12	19	15	18	15	13	24	32.	
NO.:	31	31	31	31	31	31	31	31	31	31	30	29	30	30	30	31	31	31	31	31	31	31	30	31			
MAX:	26.	27.	23.	26.	23.	24.	22.	23.	28.	23.	25.	28.	23.	30.	25.	26.	32.	24.	26.	28.	27.	27.	28.	30.			
AVG:	12.3	12.1	10.9	11.5	10.6	10.8	10.2	11.0	10.6	10.9	10.1	10.3	10.0	11.2	12.0	12.0	12.2	12.5	13.6	14.1	13.3	12.6	12.7	12.9			

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: 11.7 MONTHLY MAX: 32.

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 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2016

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

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1	15	18	19	16	16	15	15	14	12	12	8	11	9	8	12	10	6	7	7	11	12	8	15	12	24	19.	
2	15	19	17	18	13	13	13	14	15	18	22	17	19	18	15	12	12	16	13	11	10	13	12	16	24	22.	
3	16	16	12	11	9	12	8	9	10	16	9	12	18	8	8	11	9	13	17	10	6	13	16	13	24	18.	
4	14	16	15	15	15	21	10	12	11	16	17	17	17	18	27	19	19	20	16	7	7	10	12	12	24	27.	
5	16	16	16	13	18	14	17	12	9	7	5	10	8	5	5	11	7	5	10	6	6	8	5	7	24	18.	
6	9	11	8	14	12	9	7	6	12	7	14	9	13	10	9	17	12	18	12	8	11	13	7	12	24	18.	
7	8	7	9	9	9	9	10	8	8	16	17	18	21	11	11	15	12	10	18	12	15	10	11	11	24	21.	
8	14	12	9	11	7	5	3	7	AX	BA	4	7	5	8	4	2	5	7	12	11	10	14	8	9	22	14.	
9	9	7	7	10	6	9	5	3	7	6	6	10	10	14	12	14	14	10	15	14	13	12	20	17	24	20.	
10	12	9	11	14	10	8	10	8	16	10	14	6	5	10	9	10	9	10	19	31	22	15	24	18	24	31.	
11	15	20	17	17	13	12	9	11	10	12	10	8	11	11	5	17	13	13	10	15	25	16	16	18	24	25.	
12	18	16	11	20	16	20	14	17	12	13	19	24	18	22	23	21	29	21	25	21	20	23	18	21	24	29.	
13	17	26	28	25	22	20	21	19	19	11	12	14	14	21	15	9	16	21	26	16	19	18	22	18	24	28.	
14	14	10	7	10	9	8	12	21	18	21	18	12	7	4	7	12	9	10	24	30	25	18	6	8	24	30.	
15	7	10	9	11	12	10	11	12	10	14	24	16	18	AV	9	3	4	5	6	11	9	7	18	5	23	24.	
16	12	12	15	7	10	18	12	8	3	2	4	4	6	6	5	5	7	8	10	18	13	13	11	12	24	18.	
17	8	4	3	11	7	12	5	4	12	7	3	9	5	1	3	1	12	10	6	2	4	6	5	2	24	12.	
18	6	9	6	6	9	7	4	8	26	10	12	13	11	7	9	18	18	15	12	10	8	12	11	16	24	26.	
19	16	12	9	10	7	9	8	4	9	11	7	5	4	2	4	14	7	7	10	11	9	12	11	10	24	16.	
20	6	10	7	5	2	10	8	7	9	8	11	12	10	8	10	19	16	13	17	32	28	17	12	22	24	32.	
21	17	17	14	13	11	12	13	16	11	11	18	11	11	10	11	9	8	18	12	6	9	19	21	14	24	21.	
22	10	9	12	9	11	10	12	8	AX	10	12	16	18	18	8	17	12	17	12	16	16	14	11	12	23	18.	
23	14	16	17	15	17	19	10	13	9	17	13	14	13	23	16	13	10	15	16	20	11	15	15	7	24	23.	
24	5	13	10	10	14	9	9	10	7	11	12	7	4	4	9	13	10	7	17	15	14	10	13	18	24	18.	
25	16	12	12	16	15	15	10	9	8	3	7	6	13	9	7	8	12	10	11	10	13	10	9	8	24	16.	
26	9	12	12	11	10	14	14	17	12	12	14	8	9	10	10	18	15	10	20	15	18	10	16	20	24	20.	
27	13	14	15	13	14	16	7	17	10	9	15	-5MD	10	22	18	14	16	5	9	5	4	9	9	3	24	22.	
28	8	9	17	11	19	21	29	8	16	13	13	11	6	4	7	10	11	15	14	18	13	13	11	12	24	29.	
29	19	33	16	19	12	24	9	10	14	17	AX	BA	8	11	17	4	4	6	5	7	9	16	13	13	22	33.	
30	20	18	23	15	20	12	13	11	18	8	5	20	7	11	14	14	12	20	18	22	13	12	6	4	24	23.	
31																										0	
NO.:	30	30	30	30	30	30	30	30	28	29	29	29	30	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	20.	33.	28.	25.	22.	24.	29.	21.	26.	21.	24.	24.	21.	23.	27.	21.	29.	21.	26.	32.	28.	23.	24.	22.			
AVG:	12.6	13.8	12.8	12.8	12.2	13.1	10.9	10.8	11.9	11.3	11.9	11.1	10.9	10.8	10.6	12.0	11.5	12.1	14.0	14.0	13.1	12.9	12.8	12.3			

MONTHLY OBSERVATIONS: 714 MONTHLY MEAN: 12.2 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: 37-003-0005 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
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2016

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	3	5	9	11	11	16	9	7	5	8	12	7	6	10	13	8	6	10	12	20	13	13	16	17	24	20.	
2	18	22	16	21	13	20	8	6	13	33	19	14	15	12	12	10	9	20	16	12	10	13	11	6	24	33.	
3	6	6	14	13	11	17	11	8	4	5	5	0	15	3	8	7	10	7	12	20	19	20	21	7	24	21.	
4	7	12	7	3	3	8	8	4	9	11	12	9	9	21	13	18	10	9	16	26	19	26	19	26	24	26.	
5	24	20	14	14	16	14	13	14	15	AX	BA	14	12	11	23	5	5	2	8	7	4	3	6	11	22	24.	
6	10	13	8	12	12	17	6	10	8	7	4	4	1	6	4	0	8	7	6	7	9	10	7	7	24	17.	
7	14	18	15	7	12	13	14	7	3	11	6	4	12	7	2	-1	1	3	11	13	9	11	12	11	24	18.	
8	12	12	12	17	14	17	12	9	8	11	13	11	12	18	8	13	12	11	31	5	4	14	8	5	24	31.	
9	16	12	17	14	20	15	15	16	7	10	5	12	7	0	1	2	11	11	6	17	17	15	10	12	24	20.	
10	12	7	15	5	18	14	10	11	7	11	9	6	5	15	3	2	8	9	7	14	10	11	13	12	24	18.	
11	7	11	9	10	15	0	7	9	11	14	9	10	10	7	15	9	4	0	11	10	10	16	13	19	24	19.	
12	15	12	14	16	21	25	12	7	6	7	5	4	4	18	9	6	3	3	6	13	13	23	21	24	25.		
13	24	30	30	29	26	29	22	24	37	46	40	35	38	36	31	27	30	20	34	28	19	25	25	19	24	46.	
14	24	22	27	29	23	22	25	7	17	25	14	16	19	15	8	10	13	9	9	15	15	7	15	14	24	29.	
15	14	16	19	14	13	21	7	7	BA	BA	5	2	9	2	6	2	15	2	10	2	6	2	9	2	11	2	21.
16	21	2	10	2	15	2	8	2	11	2	13	2	7	2	14	2	10	2	11	2	13	2	14	2	12	2	21.
17	5	2	4	2	7	2	14	2	8	2	11	2	7	2	14	2	7	2	9	2	7	2	5	2	7	2	18.
18	8	2	5	2	9	2	7	2	6	2	21	2	16	2	2	2	1	2	6	2	13	2	7	2	6	2	21.
19	17	2	18	2	18	2	12	2	14	2	13	2	10	2	14	2	16	2	13	2	18	2	8	2	9	2	20.
20	15	2	12	2	21	2	14	2	20	2	9	2	10	2	7	2	15	2	11	2	15	2	18	2	11	2	27.
21	11	2	12	2	20	2	12	2	13	2	16	2	13	2	10	2	BA	10	6	3	1	0	1	0	1	0	29.
22	6	2	5	4	2	0	8	8	AX	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	8	8.
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	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0
25	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0
26	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0
27	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0
28	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0
29	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0
30	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0
31	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0
NO.:	22	22	22	22	22	22	22	22	19	19	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	
MAX:	24.	30.	30.	29.	26.	29.	25.	24.	37.	46.	40.	35.	38.	36.	31.	27.	30.	20.	34.	28.	29.	25.	27.	26.			
AVG:	13.1	12.8	14.6	13.0	13.9	15.0	11.5	9.3	10.7	13.7	11.2	9.9	11.0	11.1	9.8	9.0	8.9	8.6	12.4	13.5	12.9	13.6	13.9	12.6			

MONTHLY OBSERVATIONS: 507 MONTHLY MEAN: 11.9 MONTHLY MAX: 46.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that 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: 37-003-0005 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: AUGUST 2016

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	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	BA	4	3	8	10	6	12	16	17	11	15	11	14	12	13	17.		
2	11	14	9	16	20	19	18	11	8	11	11	9	7	5	11	5	0	2	7	15	15	9	8	9	24	20.		
3	9	18	13	19	21	27	29	27	9	8	11	9	7	9	8	0	-4	1	3	7	4	7	8	13	24	29.		
4	9	8	13	11	18	21	17	25	16	13	11	8	15	16	20	15	7	10	12	17	15	18	19	26	24	26.		
5	25	18	19	22	25	24	22	17	8	18	7	6	2	-1	2	3	6	6	6	10	10	15	12	22	24	25.		
6	16	15	14	12	21	11	10	4	-2	-4	11	10	10	12	10	9	10	9	17	18	21	16	18	14	24	21.		
7	22	24	21	26	22	19	22	11	5	7	6	6	4	8	10	11	11	14	17	16	10	14	10	12	24	26.		
8	15	15	21	26	22	17	15	10	12	16	13	17	15	14	18	15	20	19	14	22	21	15	18	20	24	26.		
9	22	19	24	21	17	20	26	21	17	18	14	15	9	12	8	13	7	31	15	20	17	19	13	14	24	31.		
10	26	17	15	16	18	19	23	14	AX	BA	9	7	5	13	18	29	11	4	12	22	22	11	25	17	22	29.		
11	23	29	19	29	27	16	25	24	15	14	11	13	11	13	18	16	17	18	25	13	21	31	24	23	24	31.		
12	19	23	19	16	18	21	24	4	8	10	10	8	9	8	6	9	9	14	9	12	14	15	11	22	24	24.		
13	15	19	16	17	19	14	16	25	16	20	12	15	10	8	9	9	8	4	7	12	14	15	22	18	24	25.		
14	23	12	19	18	15	20	22	8	5	11	9	10	9	7	5	7	13	11	11	14	19	19	14	17	24	23.		
15	19	13	16	17	22	21	21	14	15	15	10	12	16	11	11	9	10	9	17	10	9	12	18	22	24	22.		
16	25	17	19	18	18	19	18	10	16	16	AZ	10	17	7	14	8	5	5	8	6	11	14	16	17	23	25.		
17	11	12	12	15	16	13	22	15	11	11	11	15	13	11	20	20	24	17	15	19	18	14	13	15	24	24.		
18	21	23	18	14	25	16	17	9	4	2	1	7	5	3	6	6	7	6	4	6	11	18	20	9	24	25.		
19	15	12	12	9	17	12	15	17	11	7	11	8	7	17	-5MD	3	12	8	7	9	17	17	25	21	24	25.		
20	25	23	21	24	21	25	22	10	7	3	6	6	4	3	5	13	14	8	7	15	12	16	11	14	24	25.		
21	21	10	14	9	16	17	12	13	8	11	10	5	7	7	7	17	-1	3	4	6	8	9	12	13	24	21.		
22	11	15	14	12	13	17	12	8	6	6	9	9	5	6	5	7	9	10	18	16	13	12	18	16	24	18.		
23	9	14	15	13	14	11	12	9	10	13	9	6	11	10	8	13	10	17	14	18	19	24	16	19	24	24.		
24	16	16	17	16	16	9	9	13	22	20	15	18	21	24	19	18	24	20	20	22	28	27	18	23	24	28.		
25	17	22	24	18	21	18	16	19	17	18	10	10	17	11	8	20	16	17	28	21	23	18	18	17	24	28.		
26	20	15	17	18	13	21	19	18	BA	10	5	7	9	9	9	6	11	10	16	19	18	27	22	21	23	27.		
27	18	18	23	16	18	12	15	8	16	6	20	6	19	6	17	6	16	6	8	6	7	8	22	18	17	16	24	23.
28	17	15	13	16	24	21	23	16	20	19	11	18	18	13	15	9	15	20	15	13	18	19	17	16	24	24.		
29	17	14	11	15	9	14	16	9	11	20	16	21	18	15	13	13	16	24	19	21	20	16	20	23	24	24.		
30	17	18	21	17	18	18	24	14	18	15	19	19	21	15	13	21	23	24	25	22	29	28	32	22	24	32.		
31	19	20	21	17	17	19	23	14	16	17	20	17	17	15	17	21	20	31	28	26	20	15	20	15	24	31.		
NO.:	30	30	30	30	30	30	30	30	28	29	29	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	26.	29.	24.	29.	27.	27.	29.	27.	22.	20.	20.	21.	21.	24.	20.	29.	24.	31.	28.	26.	29.	31.	32.	26.				
AVG:	17.8	16.9	17.0	17.1	18.7	17.7	18.8	13.9	11.6	12.6	10.9	11.0	10.7	10.6	10.8	11.8	11.3	12.8	13.7	15.0	16.6	16.7	17.1	17.4				

MONTHLY OBSERVATIONS: 729 MONTHLY MEAN: 14.5 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: 37-003-0005 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: SEPTEMBER 2016

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	18	11	9	17	18	16	10	16	12	10	12	14	10	11	20	9	5	7	14	14	19	14	22	24	22.										
2	19	23	16	16	9	8	9	18	16	23	20	20	20	11	9	11	11	11	11	9	6	6	10	8	24	23.										
3	5	6	9	6	7	6	5	8	5	3	5	7	5	5	7	11	5	10	17	9	13	15	10	11	24	17.										
4	8	7	8	6	9	7	9	8	5	2	3	4	5	8	8	8	11	11	12	13	20	15	8	15	24	20.										
5	11	10	9	7	11	8	7	7	6	12	12	15	11	13	19	13	10	16	12	11	10	16	14	11	24	19.										
6	10	11	9	8	9	12	8	6	8	8	7	10	12	10	10	14	11	15	17	16	15	8	10	16	24	17.										
7	13	17	8	11	14	14	12	10	14	8	8	8	10	8	7	8	11	13	16	13	12	12	18	15	24	18.										
8	10	13	13	14	13	9	15	6	AX	BA	5	12	13	8	11	13	9	13	13	19	13	14	19	17	22	19.										
9	11	14	15	13	15	17	16	16	13	18	16	23	13	17	23	12	14	18	20	24	12	19	16	16	24	24.										
10	20	26	19	19	18	16	12	15	28	19	19	20	19	21	22	19	21	27	24	27	26	23	23	19	24	28.										
11	18	20	21	21	14	16	10	9	4	2	1	1	2	2	2	5	5	6	8	7	7	8	12	24	21.											
12	9	6	13	7	10	9	7	10	13	9	13	9	15	20	15	18	22	33	24	21	21	19	28	22	24	33.										
13	20	22	26	17	17	20	23	20	22	16	16	14	12	14	19	11	23	24	26	24	19	22	23	27	24	27.										
14	21	18	25	16	17	18	18	16	13	16	13	15	18	4	16	23	14	15	14	13	11	14	17	16	24	25.										
15	15	17	16	14	17	14	12	12	13	BA	18	14	29	13	13	17	15	17	27	33	AJ	AJ	AJ	AJ	19	33.										
16	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	BA	34	25	24	20	25	17	24	30	23	19	19	16	19	16	14	34.										
17	21	15	17	16	16	16	13	15	22	20	12	20	17	20	22	19	15	19	12	15	13	16	16	13	24	22.										
18	17	14	13	9	8	12	9	11	17	17	18	8	12	11	8	12	11	14	16	11	19	11	15	11	24	19.										
19	8	4	5	5	7	6	8	5	5	12	10	7	7	5	2	2	2	6	6	7	8	8	4	1	24	12.										
20	1	2	2	0	0	6	2	6	0	1	4	9	7	8	16	8	8	9	15	11	10	13	8	10	8	24	16.									
21	6	7	6	8	6	5	6	7	6	5	6	4	6	8	6	7	11	9	8	7	5	8	6	4	5	24	11.									
22	5	5	6	7	8	9	9	7	53	AX	BA	6	6	6	5	4	5	4	4	7	8	5	4	10	22	53.										
23	7	5	6	4	1	2	6	6	7	7	4	2	1	1	0	0	0	4	5	4	11	7	10	8	24	11.										
24	4	4	6	4	6	2	6	0	6	1	6	7	6	4	2	6	8	9	8	10	16	10	16	11	10	14	24	16.								
25	9	15	12	10	8	6	9	6	22	26	30	26	32	25	25	26	24	23	26	28	29	25	26	18	19	24	32.									
26	42	33	42	29	19	23	17	3	12	25	27	20	21	19	25	24	19	9	6	10	11	9	7	6	24	42.										
27	5	7	11	10	8	9	11	12	7	8	9	9	6	11	18	15	14	13	13	12	17	16	15	17	24	18.										
28	16	13	14	16	12	11	9	11	10	6	13	10	15	18	18	19	16	17	17	20	16	15	13	19	24	20.										
29	10	10	13	20	19	15	23	15	18	17	14	11	16	19	18	19	21	14	10	11	6	11	6	13	6	15	6	10	6	24	23.					
30	8	6	9	6	11	6	8	6	18	6	12	6	7	12	17	8	17	17	6	9	10	10	13	9	8	6	13	6	11	6	13	6	9	6	24	18.
31																											0									
NO.:	29	29	29	29	29	29	29	29	28	26	29	30	30	30	30	30	30	30	30	30	29	29	29	29	29	29										
MAX:	42.	33.	42.	29.	19.	23.	23.	26.	53.	26.	34.	25.	29.	26.	25.	24.	26.	33.	29.	33.	26.	23.	28.	27.	27.											
AVG:	12.6	12.8	13.2	11.2	11.1	11.4	11.4	10.2	13.6	12.3	12.8	12.4	13.0	12.0	13.0	12.8	12.6	14.5	14.2	14.2	13.9	13.1	13.6	13.6	13.6											

MONTHLY OBSERVATIONS: 701 MONTHLY MEAN: 12.7 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: 37-003-0005 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
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2016

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	8 6	9 6	9 6	10 6	7 6	6 6	5 6	4 6	4	6	8	12	10	7	9	7	8	9	7 6	9 6	10 6	9 6	9 6	24	12.
2	7 6	10 6	7 6	5 6	4 6	4 6	5 6	7 6	5 6	5	3	6	5	7	6	10	7	7	9	8	11	11 6	6 6	8 6	24	11.
3	4 6	5 6	5 6	10 6	11 6	6 6	5 6	3 6	1	7	5	4	8	8	8	8	9	9	9	16	14	13 6	12 6	8 6	24	16.
4	8 6	10 6	7 6	4 6	1 6	4 6	9 6	12 6	17	16	9	15	13	16	6	15	14	19	13	14	9 6	8 6	9 6	11 6	24	19.
5	10 6	9 6	14 6	12 6	11 6	10 6	7 6	3 6	6 6 AX	BA	10	11	8	9	12	14	13	12 6	12 6	11 6	11 6	10 6	11 6	22	14.	
6	7 6	8 6	10 6	15 6	10 6	10 6	11 6	10 6	16 6	10 6	9 6	5	4	10	11	7	9	13	10	17	6	9	11	13	24	17.
7	9	6	2 6	1 6 AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	4	9.
8	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0	
9	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0	
10	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	3	4	4	2	9	8	10 6	8 6	10 6	12 6	8 6	6 6	12	12.
11	6 6	7 6	8 6	5 6	7 6	6 6	9 6	6 6	5 6	5 6	4	3	2	2	3	4	8	8 6	13 6	10 6	15 6	16 6	15 6	10 6	24	16.
12	9 6	8 6	8 6	8 6	7 6	10 6	10 6	7 6	7 6	5 6	8	5	11	11	11	9	11	13 6	14 6	15 6	16 6	11 6	13 6	15 6	24	16.
13	10 6	11 6	9 6	11 6	8 6	9 6	10 6	5 6	6 6 BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	9	11.
14	BA	BA	BA	BA	BA	BA	BA	7	4	5	6	8	6	7	9	11	12	15	15	10	11	13	16	11	17	16.
15	11	7	7	8	8	10	7	8	8	9	12	18	15	16	17	19	13	15	19	10	18	13	17	17	24	19.
16	19	17	14	13	16	14	15	11	18	20	18	13	12	10	7	11	13	13	15	15	11	12	15	14	24	20.
17	12	12	13	10	10	11	12	9	8	9	8	9	8	7	6	8	7	8	18	16	12	14	16	13	24	18.
18	12	11	10	12	9	12	14	10	17	19	18	18	12	12	10	12	17	15	25	19	18	12	13	10	24	25.
19	9	15	11	11	9	5	8	7	10	9	13	8	7	9	9	7	7	19	17	17	13	17	12	15	24	19.
20	15	14	14	11	12	10	12	10	11 AX	BA	37	13	15	17	22	21	21	23	19	18	17	14	18	18	22	37.
21	16	16	20	17	15	12	13	16	14	13	8	7	4	12	8	6	4	3	6	4	1	8	6	6	24	20.
22	7	7	10	9	7	10	7	4	4	7	7	5	5	4	4	7	6	4	5	8	6	2	1	6	24	10.
23	7	8	8	7	4	3	5	4	2	1	3	6	8	6	8	5	15	10	10	11	9	12	11	9	24	15.
24	9	17	10	7	8	5	10	11	11	11	20	13	14	10	11	14	16	19	21	16	17	20	12	15	24	21.
25	14	8	14	12	10	7	9	7	7	9	5	5	4	12	9	11	11	13	15	11	20	15	15	13	24	20.
26	12	11	11	11	9	10	11	8	10	20	20	13	18	19	15	19	16	23	21	17	16	24	18	17	24	24.
27	16	20	12	15	8	13	17	13	21	15	21	15	26	20	20	20	21	20	24	25	25	18	16	16	24	26.
28	14	11	12	14	10	14	14	15	12	11	6	4	8	7	5	6	13	12	14	18	17	16	9	9	24	18.
29	12	9	9	8	9	5	9	12	8	9	18	12	18	19	12	18	18	21	23	14	20	19	20	24	24	24.
30	22	17	19	17	16	14	12	8	9	12	21	17	11	14	22	8	18	15	18	18	17	19	16	16	24	22.
31	13	17	12	12	13	13	15	15	22	25	25	19	21	20	23	26	30	28	28	23	22	22	18	18	24	30.
NO.:	27	27	27	27	26	26	26	27	27	24	24	26	27	27	27	27	27	27	27	27	27	27	27	27	27	
MAX:	22.	20.	20.	17.	16.	14.	17.	16.	22.	25.	25.	37.	26.	20.	23.	26.	30.	28.	28.	25.	25.	24.	20.	24.		
AVG:	11.1	11.1	10.6	10.1	9.3	9.0	10.1	8.6	9.7	10.7	11.4	10.9	10.3	10.9	10.3	11.3	12.8	13.8	15.4	14.0	13.8	13.9	12.5	12.5		

MONTHLY OBSERVATIONS: 638 MONTHLY MEAN: 11.4 MONTHLY MAX: 37.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

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: NOVEMBER 2016

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

HOURLY		0000	0100	0200	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	11	9	15	10	21	28	37	31	29	25	21	24	26	28	28	22	29	22	20	24	23	22	24	37.	
2		22	25	23	22	23	19	17	10	15	19	16	21	25	21	22	25	31	26	28	21	20	27	22	17	24	31.	
3		24	16	16	16	13	18	20	14	18	18	22	16	20	17	23	24	17	22	19	27	20	17	22	13	24	27.	
4		15	20	16	14	9	6	6	9	7	4	3	4	5	5	2	5	7	8	11	21	9	7	10	8	24	21.	
5		6	6	8	8	8	8	10	7	7	4	8	8	7	6	11	12	12	54	34	25	21	13	13	13	24	54.	
6		12	11	9	10	8	8	7	7	6	9	5	3	3	4	3	3	8	9	14	10	15	14	15	8	24	15.	
7		7	6	10	9	7	7	8	8	7	2	7	7	9	10	9	15	17	14	16	24	14	16	12	24	24.		
8		10	13	12	9	6	10	8	11	9	8	16	19	27	37	46	49	39	41	37	29	37	35	33	35	24	49.	
9		34	38	46	45	58	61	67	61	16	19	15	12	9	7	12	8	7	6	6	8	7	11	8	6	24	67.	
10		5	5	5	8	6	5	4	4	2	5	7	6	2	4	5	3	5	15	16	15	11	13	15	21	24	21.	
11		26	23	17	12	10	8	13	9	6	6	5	6	10	8	21	16	20	21	23	19	22	16	13	15	24	26.	
12		8	16	13	10	7	11	9	7	17	6	3	4	7	7	AV	5	10	9	13	12	22	20	16	19	23	22.	
13		14	12	11	12	15	10	9	13	7	7	9	8	7	4	5	19	13	18	36	45	45	37	37	32	24	45.	
14		36	31	34	32	39	39	35	38	28	31	AZ	BA	23	30	26	28	33	45	58	33	34	37	39	38	22	58.	
15		37	30	28	25	23	20	23	20	21	23	33	32	44	31	30	33	102	135	119	108	84	64	56	45	24	135.	
16		52	41	33	32	29	25	27	25	25	24	23	15	18	14	12	17	19	52	59	47	28	27	21	18	24	59.	
17		20	20	16	17	21	21	17	14	18	16	15	23	13	19	19	23	49	59	55	58	58	54	50	48	24	59.	
18		45	47	47	46	48	47	46	46	49	57	65	65	46	43	56	61	74	69	72	63	64	71	56	59	24	74.	
19		54	55	46	45	44	41	36	34	32	34	32	32	25	22	14	21	15	14	9	14	9	7	9	8	24	55.	
20		6	7	7	8	11	9	11	11	8	5	7	7	7	8	7	9	13	12	8	8	5	9	7	10	24	13.	
21		8	8	7	8	7	9	8	7	4	7	7	6	6	6	5	9	10	12	10	10	11	13	12	16	24	16.	
22		18	31	31	31	31	23	27	30	27	25	51	48	54	50	27	32	26	34	33	32	45	45	41	35	24	54.	
23		37	36	29	33	30	26	35	32	33	40	AX	BA	31	25	27	21	21	32	27	22	23	22	23	18	22	40.	
24		15	21	20	12	17	21	16	18	14	17	19	21	17	19	20	23	25	22	22	31	29	20	21	15	24	31.	
25		18	19	21	11	16	12	11	14	10	12	12	15	9	11	10	18	11	34	22	9	10	9	11	9	24	34.	
26		4	11	12	12	8	13	10	9	10	7	9	5	4	4	7	7	7	6	7	9	12	12	10	11	24	13.	
27		15	17	13	13	17	13	12	15	8	7	10	10	12	19	20	18	22	24	17	19	23	29	22	27	24	29.	
28		25	23	27	22	24	15	27	21	22	19	19	24	14	28	30	23	26	24	25	33	25	15	16	17	24	33.	
29		7	8	7	8	6	7	11	10	6	6	6	5	5	1	1	2	3	3	1	6	8	8	4	5	24	11.	
30		9	7	7	14	14	17	11	8	10	14	12	12	10	6	8	10	8	7	2	0	1	3	4	4	24	17.	
31																											0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	28	28	30	30	29	30	30	30	30	30	30	30	30	30	30		
MAX:	54.	55.	47.	46.	58.	61.	67.	61.	49.	57.	65.	65.	54.	50.	56.	61.	102.	135.	119.	108.	84.	71.	56.	59.				
AVG:	20.2	20.6	19.4	18.4	19.0	18.0	18.7	18.0	16.0	16.1	16.6	16.4	16.3	16.3	17.4	18.7	22.5	28.4	27.5	25.7	24.7	23.1	21.5	20.1				

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 20.0 MONTHLY MAX: 135.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that 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: 37-003-0005 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: DECEMBER 2016

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	6	8	6	9	8	8	8	11	8	8	5	8	6	7	4	2	6	8	9	7	7	5	7	6	24	11.	
2	7	7	7	8	9	9	10	6	5	5	3	3	4	3	5	5	6	7	8	5	8	6	4	3	24	10.	
3	4	8	7	7	8	11	10	12	12	8	5	10	9	9	9	10	11	9	14	17	13	15	12	11	24	17.	
4	11	12	12	10	13	11	13	11	7	9	7	5	6	4	4	5	4	4	8	7	4	5	5	9	24	13.	
5	7	6	6	7	6	4	7	8	7	6	5	6	4	7	8	4	9	11	9	12	10	9	8	7	24	12.	
6	5	6	5	4	5	8	6	4	5	3	0	1	2	3	7	4	4	5	7	5	9	8	5	5	24	9.	
7	4	8	8	8	6	6	8	6	AX	BA	2	1	2	3	6	9	10	14	10	19	13	20	19	17	22	20.	
8	23	17	14	11	14	10	15	10	8	7	6	6	7	5	7	6	9	6	7	5	4	5	4	3	24	23.	
9	7	7	5	5	5	10	9	10	8	7	9	10	8	9	6	7	7	6	5	10	7	10	8	10	24	10.	
10	11	8	9	13	14	16	14	13	9	8	8	9	9	8	9	8	12	10	22	16	24	21	21	26	24	26.	
11	23	19	20	19	20	16	20	17	17	20	12	14	14	10	10	15	20	18	17	20	14	17	18	12	24	23.	
12	17	21	17	16	17	14	20	18	19	18	21	21	20	25	21	8	4	7	9	8	10	9	9	6	24	25.	
13	5	6	6	11	9	7	8	8	10	10	10	9	6	9	7	7	17	13	22	14	15	14	15	13	24	22.	
14	13	13	8	6	13	9	5	8	8	5	3	5	5	6	7	9	9	10	10	16	15	21	20	21	24	21.	
15	17	19	14	11	7	7	7	9	10	8	10	7	5	4	4	8	7	6	6	8	7	9	10	7	24	19.	
16	4	11	8	9	7	9	8	11	11	7	8	9	10	8	6	10	12	11	9	11	11	13	13	17	24	17.	
17	13	13	20	19	19	24	30	29	32	39	37	32	35	39	49	46	39	45	44	49	47	45	32	34	24	49.	
18	32	26	21	23	18	13	14	11	10	10	10	9	5	1	0	0	3	7	4	2	4	5	4	4	24	32.	
19	8	6	6	8	5	4	4	8	10	12	9	9	8	12	10	12	9	12	12	11	16	11	10	10	24	16.	
20	11	15	13	13	12	12	16	17	7	7	6	11	10	8	9	10	10	18	13	14	17	20	24	18	24	24.	
21	19	16	17	17	18	14	15	13	13	-5	3	AX	BA	9	15	11	9	19	18	18	16	16	17	16	22	19.	
22	19	15	14	16	15	15	19	17	19	15	14	8	12	9	8	8	10	15	15	13	9	5	5	8	24	19.	
23	7	9	10	9	6	8	8	8	12	11	9	9	12	13	14	10	18	17	27	22	27	23	23	17	24	27.	
24	18	20	22	20	20	24	20	21	26	32	33	43	34	41	38	37	37	44	39	43	37	36	35	35	24	44.	
25	36	27	30	32	28	24	22	17	20	21	14	16	10	16	8	9	15	14	10	13	11	11	9	13	24	36.	
26	10	12	11	7	14	12	16	15	19	17	21	19	19	14	18	16	13	22	18	15	17	15	16	13	24	22.	
27	16	19	19	23	23	28	16	11	9	7	9	5	2	2	9	10	9	14	16	10	13	10	10	9	24	28.	
28	6	6	6	8	5	5	6	5	2	1	0	3	3	4	1	2	8	6	15	11	12	16	17	13	24	17.	
29	13	11	28	11	13	13	9	7	6	3	4	5	4	3	3	5	5	7	4	5	6	4	1	4	24	28.	
30	7	7	4	7	4	6	5	5	3	4	5	7	6	4	1	1	5	7	6	8	10	7	8	13	24	13.	
31	14	9	9	9	10	11	8	10	9	5	6	7	8	9	7	9	9	9	6	7	8	10	8	9	24	14.	
NO.:	31	31	31	31	31	31	31	31	30	30	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	36.	27.	30.	32.	28.	28.	30.	29.	32.	39.	37.	43.	35.	41.	49.	46.	39.	45.	44.	49.	47.	45.	35.	35.			
AVG:	12.7	12.5	12.3	12.1	12.0	11.9	12.1	11.5	11.4	10.3	9.5	10.2	9.5	9.8	10.0	9.8	11.2	12.9	13.5	13.6	13.6	13.6	12.8	12.5			

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 11.7 MONTHLY MAX: 49.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that 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

REPORT FOR: FEBRUARY 2016

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	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	0		
2	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	0		
3	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	0		
4	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BC	BC	BC	3	6	6	5	0	9	7	5	3	6	7	11	9.	
5	7	7	5	4	3	4	1	0	3	1	14	7	1	3	3	2	1	4	3	7	7	6	6	2	24	14.	
6	3	11	5	8	15	9	11	7	1	-1	11	7	7	11	7	2	5	3	10	8	8	10	9	9	24	15.	
7	5	5	6	11	12	14	10	11	2	-2	-2	-5	2	8	5	1	5	7	8	6	9	6	5	14	24	14.	
8	8	9	7	9	10	6	3	10	8	17	12	11	8	6	17	15	9	13	17	11	16	15	12	10	24	17.	
9	13	11	7	7	4	5	3	9	5	-1	0	3	2	2	2	0	-2	2	3	4	4	4	7	20	24	20.	
10	10	8	6	9	6	2	10	13	10	10	7	5	7	5	5	7	4	3	1	0	-4	-4	-2	2	24	13.	
11	4	4	14	7	4	5	4	7	12	7	8	4	6	13	8	6	5	4	8	14	13	9	20	29	24	29.	
12	9	25	3	19	-5	9	25	6	8	9	12	8	5	6	6	10	12	14	10	32	21	17	15	24	24	32.	
13	5	3	5	4	6	6	8	8	10	7	8	8	5	0	2	4	5	6	5	5	5	3	4	5	24	10.	
14	3	8	6	4	4	6	4	4	6	5	19	0	3	4	1	0	4	9	7	4	7	6	4	3	4	24	19.
15	9	8	8	8	9	11	10	8	15	11	8	10	7	7	9	11	10	8	7	7	6	2	14	0	24	15.	
16	-5	19	8	7	4	3	2	8	5	2	4	4	1	2	2	4	5	6	2	0	5	8	3	24	19.		
17	-1	8	7	5	7	6	7	5	3	-1	3	3	1	5	3	3	0	6	5	15	2	-5	1	-4	24	15.	
18	1	15	9	8	7	5	3	15	-2	-1	2	AX	AX	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	11	15.	
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	0		
20	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0		
21	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0		
22	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	BA	19	16	6	25	16	14	22	7	25.	
23	6	11	13	9	4	1	-1	0	9	5	-1	1	5	3	6	8	4	1	4	6	10	13	9	5	24	13.	
24	10	6	4	0	-2	-1	-1	7	5	6	5	0	1	8	6	11	10	8	20	19	11	15	7	4	5	24	20.
25	7	7	4	3	1	0	0	1	1	0	1	2	2	4	7	4	2	5	4	3	4	3	3	3	24	7.	
26	3	2	1	4	4	4	3	1	3	4	2	5	5	5	3	7	5	9	5	0	5	6	3	2	24	9.	
27	1	5	6	6	4	7	4	7	6	5	6	8	8	5	8	10	9	7	5	8	18	16	12	16	24	18.	
28	15	15	12	8	7	10	7	8	15	10	14	10	12	11	8	6	8	9	12	13	9	12	13	12	24	15.	
29	14	18	17	12	19	21	21	21	15	16	11	14	10	AZ	AZ	AZ	8	5	9	7	5	3	6	6	21	21.	
30																									0		
31																									0		
NO.:	21	21	21	21	21	21	21	21	21	21	21	20	20	20	20	20	21	22	22	22	22	22	22	22	22		
MAX:	15.	25.	17.	19.	19.	21.	25.	21.	15.	19.	14.	14.	12.	13.	17.	15.	10.	20.	19.	15.	32.	21.	20.	29.			
AVG:	6.0	9.8	7.2	7.2	6.0	6.2	6.4	7.5	6.6	5.9	6.0	5.4	5.0	5.4	5.9	5.7	5.4	7.0	7.9	7.1	9.1	7.0	7.9	8.5			

MONTHLY OBSERVATIONS: 506 MONTHLY MEAN: 6.8 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: 37-033-0001 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: MARCH 2016

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	4	4	5	5	6	4	4	5	5	2	19	32	19	13	13	17	17	27	19	30	27	25	25	24	32.	
2	19	12	9	7	5	9	7	9	6	1	5	4	4	6	6	6	7	3	7	4	4	5	4	6	24	19.	
3	12	12	8	6	4	7	7	5	7	11	8	2	2	7	12	6	6	11	13	9	3	-5	2	6	24	13.	
4	13	7	2	5	8	3	22	5	16	12	10	7	5	3	2	3	3	8	4	1	4	4	3	5	24	22.	
5	6	5	7	6	6	4	7	5	12	6	5	6	7	8	8	8	8	8	10	10	8	8	11	24	12.		
6	10	12	10	11	14	12	16	6	7	6	4	5	8	14	7	6	5	8	7	9	6	5	8	10	24	16.	
7	14	9	15	-2	17	12	13	12	14	14	13	AX	BA	8	10	9	9	14	14	16	19	14	13	13	22	19.	
8	19	15	19	13	10	11	13	12	10	17	10	11	12	14	7	14	10	15	8	18	19	22	19	23	24	23.	
9	19	19	17	14	18	18	16	23	16	13	12	16	14	8	19	6	15	5	19	3	13	15	4	11	24	23.	
10	19	18	16	13	15	15	15	3	9	10	29	14	23	16	19	18	12	21	21	16	28	28	19	27	24	29.	
11	21	22	16	15	18	19	13	25	20	5	24	17	18	13	7	9	7	25	21	15	21	19	20	26	24	26.	
12	28	20	13	12	26	8	0	6	7	6	6	17	18	19	17	20	31	27	27	31	22	20	23	24	24	31.	
13	30	29	25	17	19	17	23	17	26	8	15	17	20	15	18	19	20	21	21	20	14	14	12	11	24	30.	
14	14	12	9	9	9	7	9	6	8	5	4	11	12	11	9	16	15	18	13	18	9	11	10	8	24	18.	
15	5	3	4	5	4	3	2	0	2	3	2	9	9	8	5	8	8	22	11	11	10	9	18	24	22.		
16	8	17	22	11	6	26	16	25	33	29	34	35	20	19	18	13	8	14	16	9	10	11	6	5	24	35.	
17	10	6	-1	2	13	7	18	19	0	9	17	4	2	16	14	0	4	5	10	10	15	6	12	6	24	19.	
18	2	5	4	5	7	14	12	9	8	5	15	0	7	9	11	8	4	8	35	19	18	12	23	14	24	35.	
19	19	12	15	16	7	11	8	13	11	6	18	5	6	22	1	12	8	4	11	10	13	9	8	11	24	22.	
20	8	16	1	5	10	7	6	5	5	5	10	11	8	5	7	7	10	3	17	8	17	8	6	9	24	17.	
21	11	7	7	7	7	6	8	6	8	8	7	8	5	3	2	5	19	5	7	17	11	10	6	0	24	19.	
22	4	10	8	12	7	16	13	18	9	5	9	AX	BA	BA	9	11	9	11	13	13	11	18	22	22	21	22.	
23	22	19	28	21	25	25	24	25	28	19	21	18	13	20	13	15	9	19	25	21	18	16	21	21	24	28.	
24	21	18	21	25	25	12	28	19	18	21	29	29	21	33	34	31	40	22	22	24	22	29	33	12	24	40.	
25	11	12	13	17	17	12	24	18	23	17	18	20	19	8	14	13	11	9	16	21	20	16	12	22	24	24.	
26	31	17	27	15	21	25	13	20	18	7	29	15	12	14	16	21	16	21	18	17	18	17	17	18	24	31.	
27	9	11	14	13	13	7	2	5	11	7	6	3	8	10	8	8	7	7	11	8	3	0	0	0	24	14.	
28	1	1	0	2	3	1	0	0	5	3	4	9	9	9	6	4	5	10	9	14	8	8	13	10	24	14.	
29	10	10	8	10	7	8	6	15	9	6	5	6	5	2	31	18	5	12	14	8	-5	0	6	5	24	31.	
30	3	10	9	8	7	12	6	7	7	7	11	12	15	13	6	24	11	16	14	16	20	9	21	16	24	24.	
31	19	13	23	21	20	18	14	19	21	16	17	16	22	13	19	21	15	18	15	13	20	19	12	13	24	23.	
NO.:	31	31	31	31	31	31	31	31	31	31	31	29	29	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	31.	29.	28.	25.	26.	26.	28.	25.	33.	29.	34.	35.	32.	33.	34.	31.	40.	27.	35.	31.	30.	29.	33.	27.			
AVG:	13.6	12.4	12.0	10.5	12.0	11.5	11.8	11.6	12.2	9.4	12.9	11.9	12.3	12.2	11.9	11.9	11.4	12.7	15.6	13.8	13.9	12.4	12.8	13.2			

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 12.3 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: 37-033-0001 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
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2016
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	7	6	5	8	6	8	6	7	10	21	12	9	6	15	14	11	7	5	13	9	9	5	8	24	21.		
2	11	14	12	18	19	13	9	9	8	5	14	12	6	4	8	7	9	9	5	7	7	6	5	10	24	19.		
3	8	5	3	7	6	7	4	2	3	5	6	7	3	6	8	12	7	13	10	9	10	11	7	9	24	13.		
4	9	7	4	4	2	5	4	6	7	4	10	8	4	2	3	2	3	7	102.5	12	9	6	4	9	24	102.		
5	8	5	6	5	5	5	3	4	5	4	7	3	2	8	6	11	9	8	6	6	6	11	10	9	24	11.		
6	9	8	14	18	7	17	13	8	5	7	9	8	8	5	5	8	11	12	10	17	11	15	8	18	24	18.		
7	10	9	9	7	8	AN	AN	AN	AN	AX	BA	10	5	16	15	18	11	12	16	16	18	13	15	13	18	18.		
8	12	15	9	10	9	12	15	15	41	25	18	7	17	11	13	8	7	17	13	11	15	15	13	13	24	41.		
9	17	19	20	11	14	16	19	18	28	33	33	22	12	19	12	19	27	30	36	22	26	20	21	21	24	36.		
10	25	18	22	23	16	18	20	24	23	28	29	22	23	21	25	28	28	22	31	30	25	19	25	31	24	31.		
11	25	23	54	22	23	25	18	21	13	11	6	8	5	1	45	8	2	12	10	9	7	5	5	9	24	54.		
12	6	3	5	6	4	7	6	5	7	6	7	13	8	9	7	11	9	15	16	15	18	12	9	13	24	18.		
13	14	14	11	13	8	7	12	18	11	10	12	13	11	8	7	9	5	11	12	11	13	12	12	11	24	18.		
14	17	13	11	8	14	13	8	3	3	10	18	7	8	12	17	18	9	14	14	25	16	17	15	8	24	25.		
15	16	18	16	14	14	15	20	13	14	17	22	20	16	21	17	26	21	27	23	21	17	19	16	22	24	27.		
16	13	20	18	15	15	20	11	12	16	15	14	11	14	12	19	20	19	18	18	14	14	15	12	17	24	20.		
17	14	11	9	7	8	7	6	7	4	2	3	3	6	5	8	7	13	15	9	12	10	18	9	24	18.			
18	7	11	8	7	7	11	8	5	2	4	5	3	6	10	8	7	9	6	7	11	7	2	3	0	24	11.		
19	-2	0	4	2	0	2	2	3	4	6	3	2	0	0	1	0	4	7	3	-1	0	2	3	3	24	7.		
20	6	7	8	10	9	10	6	6	11	7	5	3	6	10	9	7	7	6	10	6	2	5	6	10	24	11.		
21	13	12	13	11	12	8	7	5	4	4	5	6	3	1	6	7	4	0	2	4	3	4	5	7	24	13.		
22	18	4	11	8	10	7	6	8	7	7	6	9	8	5	0	6	5	3	10	11	9	10	14	10	24	18.		
23	6	12	13	17	9	12	14	12	14	AX	BA	11	6	5	6	5	6	13	6	6	8	13	18	13	22	18.		
24	12	8	14	14	12	24	10	9	11	11	15	6	10	10	10	12	16	26	25	14	19	20	18	28	24	28.		
25	28	27	41	50	33	29	31	16	14	11	18	11	11	14	13	23	19	13	12	12	12	27	20	17	24	50.		
26	20	14	11	10	6	7	7	12	13	10	7	18	7	12	13	13	16	13	16	11	11	11	9	5	24	20.		
27	4	5	7	5	9	13	10	10	12	8	10	6	8	7	10	11	9	13	11	13	22	21	18	24	22.			
28	17	19	10	11	8	8	14	12	12	10	20	15	15	7	5	4	13	11	10	9	8	4	7	6	24	20.		
29	3	3	8	10	7	13	8	5	4	8	5	1	-1	1	9	5	0	-3	-2	3	1	2	3	3	24	13.		
30	3	8	12	11	8	10	15	5	7	11	7	8	7	11	7	10	5	7	10	8	13	13	7	6	7	6	24	15.
31																											0	
NO.:	30	30	30	30	30	29	29	29	29	28	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30			
MAX:	28.	27.	54.	50.	33.	29.	31.	24.	41.	33.	33.	22.	23.	21.	45.	28.	28.	30.	102.	30.	26.	27.	25.	31.				
AVG:	11.8	11.3	13.0	12.0	10.3	12.0	10.8	9.6	10.7	10.3	12.0	9.5	8.1	8.6	10.8	11.2	10.3	12.1	15.4	11.8	11.6	11.6	11.1	11.9				

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: 11.2 MONTHLY MAX: 102.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that 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: NOVEMBER 2016

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	10	7	7	14	9	8	10	7	6	9	7	7	10	17	25	14	18	13	14	11	14	11	17	15	24	25.	
2	18	16	11	18	12	17	AV	15	18	19	23	19	25	22	22	26	35	28	27	29	29	32	27	25	23	35.	
3	25	32	22	23	23	23	23	17	18	24	21	23	25	22	26	25	25	23	28	29	20	21	30	28	24	32.	
4	18	25	20	4	2	4	6	4	3	3	4	3	-1	-1	3	3	4	12	24	7	6	11	7	8	24	25.	
5	10	7	3	4	6	10	8	6	3	1	6	5	1	2	5	5	7	29	36	21	13	13	16	10	24	36.	
6	14	12	11	17	11	10	9	12	7	7	5	4	1	1	3	3	6	10	7	4	5	6	6	8	24	17.	
7	5	9	11	9	8	7	11	8	7	4	4	0	5	4	3	4	3	4	18	22	5	7	7	5	24	22.	
8	2	2	1	3	4	6	13	11	6	5	8	9	AX	BA	15	13	17	37	17	19	20	23	25	27	22	37.	
9	28	27	29	36	40	44	45	49	56	51	24	23	9	14	9	11	8	6	4	5	5	7	8	6	24	56.	
10	4	4	5	3	3	5	9	7	3	1	2	6	7	6	3	6	12	9	11	14	12	11	10	9	24	14.	
11	8	10	13	12	10	6	5	7	8	11	8	13	12	18	16	19	21	23	12	15	15	18	11	10	24	23.	
12	9	8	6	11	10	9	-1 6	-1 6 AV		0 6	1 6	5 6	4	3	5	4	10	14	13	12	10	12	9	9	23	14.	
13	6	7	16	12	8	11	9	13	8	8	9	7	4	4	4	5	8	18	12	11	15	12	13	19	24	19.	
14	14	14	13	13	14	12	12	13	11	6	5	4	9	14	14	12	14	20	22	42	12	15	13	15	24	42.	
15	15	16	13	17	16	18	10	16	19	21	23	21	28	19	25	25	27	26	25	25	33	35	38	24	38.		
16	36	32	25	27	23	17	20	25	17	19	17	29	19	17	21	22	26	27	24	23	28	26	22	24	36.		
17	19	17	20	18	12	17	13	15	9	16	19	22	17	20	17	22	20	25	24	21	16	25	20	21	24	25.	
18	24	22	22	25	13	21	28	37	45	36	40	44	42	29	23	25	27	49	63	67	65	54	53	61	24	67.	
19	54	45	40	45	39	46	42	37	28	34	31	30	33	33	12	24	15	13	13	9	7	6	5	9	24	54.	
20	13	9	9	7	6	6	8	6	4	5	6	7	5	7	8	8	9	10	6	4	9	5	3	1	24	13.	
21	6	5	8	6	4	7	5	5	3	2	2	4	6	4	4	5	3	8	6	10	12	8	6	9	24	12.	
22	7	6	4	5	5	4	4	5	2	AZ	BA	7	2	3	4	9	11	19	17	13	9	9	8	10	22	19.	
23	7	10	15	10	10	17	19	17	14	18	13	18	14	11	14	16	15	17	16	20	25	21	23	20	24	25.	
24	17	17	21	18	20	24	AV	AV	22	20	22	21	18	19	19	28	32	29	25	24	24	22	24	27	22	32.	
25	21	26	22	23	15	22	21	22	18	20	10	9	16	14	12	16	13	21	16	16	11	18	14	15	24	26.	
26	12	8	9	8	9	10	7	6	6	5	11	8	6	6	4	6	9	9	8	8	8	8	8	8	24	12.	
27	7	6	8	9	10	7	8	7	5	6	5	3	3	3	4	6	7	9	9	12	13	11	11	13	24	13.	
28	16	16	18	19	13	16	16	20	19	18	16	11	15	13	20	17	12	13	18	14	17	16	11	9	24	20.	
29	8	8	9	9	10	13	10	14	10	15	13	16	13	13	11	13	12	13	18	13	14	13	16	18	24	18.	
30	12	10	13	12	13	18	20	17	16	15	12	14	13	14	10	12	14	13	13	14	9	16	5	8	24	20.	
31																										0	
NO.:	30	30	30	30	30	30	28	29	29	29	29	30	29	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	54.	45.	40.	45.	40.	46.	45.	49.	56.	51.	40.	44.	42.	33.	26.	28.	35.	49.	63.	67.	65.	54.	53.	61.			
AVG:	14.8	14.4	14.1	14.6	12.6	14.5	13.9	14.4	13.5	13.8	12.7	13.1	12.4	12.1	12.1	13.4	14.5	18.2	18.4	17.8	15.6	16.4	15.6	16.1			

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: 14.6 MONTHLY MAX: 67.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that 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: DECEMBER 2016

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

HOURLY																										
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	6	7	7	11	9	6	7	10	9	8	5	5	7	5	9	13	10	7	5	7	7	9	13	24	13.
2	8	8	9	8	6	10	7	7	6	5	AX	BA	5	6	6	3	1	5	3	8	8	7	7	6	22	10.
3	AN	6	5	6	5	7	6	4	4	3	6	6	6	5	5	11	6	7	5	7	11	11	12	23	12.	
4	7	4	7	6	6	4	12	15	8	8	10	11	12	9	11	18	14	11	15	13	12	11	11	24	18.	
5	11	9	7	6	7	6	5	4	4	6	5	4	8	7	7	9	5	3	8	6	5	4	10	7	24	11.
6	4	5	7	7	7	8	10	19	9	17	5	8	6	3	3	1	1	2	1	1	2	4	7	6	24	19.
7	7	9	7	8	7	7	6	4	2	4	6	8	7	5	6	5	14	12	16	14	12	8	8	15	24	16.
8	10	16	10	16	13	16	15	6	10	9	5	2	7	3	3	5	8	6	6	5	4	4	4	5	24	16.
9	4	3	5	4	5	5	7	5	5	9	10	5	5	4	2	6	7	6	8	11	6	6	8	12	24	12.
10	7	9	7	6	8	8	5	4	6	6	5	3	3	3	3	15	16	12	10	10	9	13	14	24	16.	
11	16	20	19	20	17	14	13	15	15	19	6	13	9	7	9	6	3	6	11	11	14	11	10	13	24	20.
12	11	11	14	15	22	20	13	24	20	26	22	21	14	14	17	12	12	16	19	16	13	14	11	10	24	26.
13	9	6	6	8	7	4	4	7	7	6	10	15	3	6	10	8	10	10	13	11	11	13	13	12	24	15.
14	14	8	11	8	10	8	12	9	9	7	4	5	4	2	5	4	5	3	8	10	12	9	17	16	24	17.
15	13	15	17	13	9	9	6	7	9	8	7	7	7	5	7	11	10	7	5	5	5	5	6	24	17.	
16	4	7	12	7	3	9	5	4	7	5	5	6	4	5	3	4	6	6	5	7	10	7	9	12	24	12.
17	14	15	16	14	11	16	21	23	22	31	23	12	13	10	16	13	16	18	20	25	21	18	25	24	24	31.
18	26	23	23	19	19	23	22	14	17	14	11	10	22	14	7	6	7	6	9	4	5	7	5	5	24	26.
19	5	5	5	4	9	9	10	8	9	11	8	6	5	4	6	7	6	7	8	10	7	12	7	9	24	12.
20	6	9	10	10	7	9	9	8	7	8	AX	BA	BA	4	9	9	9	15	10	16	9	16	21	14	21	21.
21	20	19	20	16	14	17	12	17	12	8	6	9	7	7	7	11	8	18	13	13	17	14	16	14	24	20.
22	17	9	11	15	19	14	12	17	10	17	12	14	10	11	11	7	12	12	13	10	8	9	7	10	24	19.
23	7	9	10	10	10	10	17	10	10	12	12	11	7	13	10	8	15	12	16	13	15	8	16	13	24	17.
24	15	16	18	16	16	21	11	17	16	15	18	18	22	23	22	26	25	25	23	21	36	40	32	28	24	40.
25	24	24	23	21	18	18	18	18	14	13	8	6	8	8	13	10	14	12	9	9	5	7	9	9	24	24.
26	9	8	7	8	8	7	12	14	9	13	9	9	11	8	7	8	14	13	11	8	10	11	10	14	24	14.
27	15	19	12	14	15	16	16	17	9	9	7	8	8	8	8	8	11	9	11	10	11	8	6	24	19.	
28	4	7	7	7	5	5	5	4	AV	5	4	2	2	1	3	4	8	5	13	12	11	8	7	23	13.	
29	16	10	13	12	13	9	10	11	8	8	9	5	3	5	11	7	3	3	2	1	4	3	3	5	24	16.
30	4	3	5	4	1	0	3	3	3	4	2	3	3	4	3	3	6	7	6	5	5	7	6	6	24	7.
31	5	7	5	6	9	9	10	10	8	5	4	5	6	7	5	4	7	6	7	5	5	10	9	9	24	10.
NO.:	30	31	31	31	31	31	31	31	30	31	29	29	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	26.	24.	23.	21.	22.	23.	22.	24.	22.	31.	23.	21.	22.	23.	22.	26.	25.	25.	23.	25.	36.	40.	32.	28.		
AVG:	10.6	10.5	10.8	10.4	10.2	10.5	10.3	10.7	9.8	10.3	8.6	8.1	7.7	7.1	7.6	7.6	9.4	9.7	9.9	9.7	9.9	10.1	10.8	11.1		

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: 9.7 MONTHLY MAX: 40.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(81102) PM10 Total 0-10um STP

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (062) HI-VOL-WEDDING-INLET GRAVIMETRIC
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2016

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

MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
Day												
1	5											
2												
3												
4												
5												
6												
7	10											
8												
9												
10												
11												
12												
13	AF											
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
NO.:	2	0	0	0	0	0	0	0	0	0	0	0
MAX:	10.											
MEAN:	7.5											
ANNUAL OBSERVATIONS:	2											
ANNUAL MEAN:	7.5											
ANNUAL MAX:	10.											

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

(81102) PM10 Total 0-10um STP

SITE ID: 37-051-0009 POC: 2 STATE: (37) North Carolina
 COUNTY: (051) Cumberland AQCR: (169) SANDHILLS
 CITY: (22920) Fayetteville URBANIZED AREA: (2560) FAYETTEVILLE, NC
 SITE ADDRESS: 4533 RAEFORD RD LAND USE: RESIDENTIAL
 SITE COMMENTS: Elevation via GoogleEarth, Space Shuttle Radar Topography using interferometric s) LOCATION SETTING: URBAN AND CENTER CITY
 MONITOR COMMENTS:

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: (062) HI-VOL-WEDDING-INLET GRAVIMETRIC
 PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: 2016

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

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

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that 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 2016

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	7	11	8	8	2	6	6	8	6	5	3	3	4	0	11	9	7	6	8	9	9	12	12	15	24	15.	
2	7	7	9	9	4	7	7	5	9	6	5	7	6	4	7	7	5	7	11	11	23	21	26	23	24	26.	
3	28	15	13	10	12	10	9	12	11	12	10	8	6	6	6	5	7	14	15	15	13	15	13	11	24	28.	
4	15	5	10	9	8	7	9	8	AX	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	8	15.
5	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
6	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
7	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
8	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
9	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
10	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
11	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
12	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
13	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	AX	AX	1	3	1	3	5	5	12	14	16	25	25	11	25.	
14	20	20	13	14	14	14	11	12	10	9	9	8	6	4	4	9	8	9	7	18	14	13	14	11	24	20.	
15	12	12	16	19	13	16	44	19	17	18	20	25	27	16	6	4	8	6	9	6	5	4	1	1	24	44.	
16	2	9	7	6	6	0	4	4	2	8	8	5	4	4	5	6	8	10	11	17	27	23	29	9	24	29.	
17	7	4	2	3	0	1	1	1	3	6	3	0	3	2	2	5	3	8	6	9	15	16	15	13	24	16.	
18	12	8	7	8	6	9	8	7	5	8	8	5	5	4	6	6	4	6	8	6	7	5	5	5	24	12.	
19	4	3	4	5	4	7	2	5	6	6	6	4	5	7	5	6	6	12	11	17	11	15	17	17	24	17.	
20	17	13	12	11	2	8	8	10	10	13	10	10	7	4	19	10	10	12	15	17	20	25	20	21	24	25.	
21	24	23	24	21	19	16	15	20	21	11	9	7	5	7	8	9	9	12	14	11	17	16	17	13	24	24.	
22	13	12	13	11	11	12	17	10	15	13	12	10	10	14	7	5	5	5	5	5	3	5	4	1	24	17.	
23	7	7	5	4	2	7	8	6	5	5	4	4	4	7	7	9	9	9	7	7	10	7	3	3	24	10.	
24	7	6	6	5	5	6	5	8	7	7	7	7	5	4	3	3	8	9	11	8	22	27	38	24	38.		
25	36	34	32	29	28	25	22	20	13	15	10	7	6	9	6	5	5	8	10	13	13	10	10	12	24	36.	
26	10	11	12	9	10	11	14	15	12	15	13	13	23	11	12	11	9	14	18	19	20	21	23	24	24	24.	
27	19	20	18	19	17	19	17	18	23	19	15	AX	7	5	5	6	6	7	10	10	9	17	18	10	23	23.	
28	9	7	9	9	9	7	6	7	8	9	11	12	8	11	9	9	11	10	11	9	12	11	11	10	24	12.	
29	14	14	12	15	14	19	11	13	16	11	9	11	10	8	8	8	7	13	8	7	5	5	8	7	24	19.	
30	7	8	6	9	6	7	8	12	9	7	6	4	4	3	4	4	6	7	9	15	14	18	17	17	24	18.	
31	14	15	10	15	12	8	13	14	11	12	12	9	10	11	9	7	5	10	11	9	10	6	10	11	24	15.	
NO.:	22	22	22	22	22	22	22	22	21	21	21	20	21	22	22	22	22	22	22	22	22	22	22	22	22		
MAX:	36.	34.	32.	29.	28.	25.	44.	20.	23.	19.	20.	25.	27.	16.	19.	11.	11.	14.	18.	19.	27.	25.	29.	38.			
AVG:	13.2	12.0	11.3	11.3	9.3	10.1	11.1	10.6	10.4	10.2	9.0	8.0	7.9	6.5	7.0	6.5	6.5	9.0	9.9	11.5	12.7	13.8	14.8	13.5			

MONTHLY OBSERVATIONS: 522 MONTHLY MEAN: 10.3 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: 37-051-0009 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

REPORT FOR: FEBRUARY 2016

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

HOURLY

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	8	7	11	10	13	13	10	20	9	10	18	9	16	11	10	14	9	13	17	16	17	13	15	18	24	20.	
2	16	17	15	14	12	17	11	10	11	12	7	8	13	11	14	12	12	13	16	18	13	9	8	10	24	18.	
3	10	9	6	14	5	11	7	6	7	9	16	10	11	10	11	7	7	4	3	3	0	-1	2	0	24	16.	
4	2	2	-1	2	2	1	1	1	1	3	2	3	2	6	6	9	3	8	7	4	3	2	0	0	24	9.	
5	4	3	2	7	5	4	5	6	6	8	7	6	8	5	6	9	3	10	9	10	10	9	12	14	24	14.	
6	13	16	18	11	13	12	6	6	8	10	6	4	2	2	4	3	3	6	8	8	6	5	5	4	24	18.	
7	4	6	6	3	6	5	4	5	4	7	7	7	5	4	6	4	3	2	3	4	8	5	5	2	24	8.	
8	2	7	7	10	10	7	9	7	9	11	9	6	4	4	1	3	7	12	9	7	10	5	2	6	24	12.	
9	9	13	9	11	10	10	8	5	6	3	0	2	0	1	2	8	7	4	3	3	5	4	2	2	24	13.	
10	1	12	6	3	5	4	4	6	6	5	4	5	5	5	8	8	9	11	7	6	11	9	6	9	24	12.	
11	10	8	10	8	14	11	9	15	9	9	6	7	AZ	9	4	4	9	15	26	18	29	58	76	35	23	76.	
12	22	14	12	9	8	11	10	7	9	9	11	11	11	9	6	10	9	12	14	12	18	19	17	16	24	22.	
13	22	22	25	25	23	17	7	7	6	7	6	9	6	9	8	6	7	9	11	12	13	9	7	5	24	25.	
14	4	4	4	2	4	3	4	3	2	3	3	5	4	4	4	5	4	3	9	7	6	5	4	4	24	9.	
15	4	3	4	5	4	4	9	9	8	6	9	11	11	10	13	17	11	14	14	13	13	15	15	7	24	17.	
16	10	7	4	6	3	2	2	0	0	0	0	1	2	2	0	0	2	2	10	9	7	7	13	13	24	13.	
17	13	12	8	6	5	8	8	8	8	7	4	7	5	2	4	5	3	1	8	13	14	11	4	1	24	14.	
18	7	5	5	4	4	5	6	7	9	7	6	6	9	54	13	10	10	9	9	8	11	12	11	11	24	54.	
19	14	9	8	10	9	11	15	11	12	8	9	8	6	7	7	6	6	9	15	12	9	11	7	5	24	15.	
20	7	6	7	9	9	12	8	9	10	12	11	11	17	16	23	28	22	27	24	29	32	35	31	31	24	35.	
21	33	28	33	28	19	20	17	13	19	22	17	15	21	17	20	19	17	17	18	24	25	30	33	30	24	33.	
22	29	25	24	21	19	18	15	16	20	22	21	13	14	AX	AX	14	24	18	18	11	12	8	9	7	22	29.	
23	13	10	14	9	7	7	7	5	5	4	4	2	1	2	2	1	9	7	4	7	6	5	6	2	24	14.	
24	0	2	5	5	4	5	3	2	2	9	4	-3	AX	3	6	11	17	15	11	17	15	10	5	6	23	17.	
25	5	8	5	3	4	4	3	2	0	1	2	2	-1	0	2	6	4	1	6	7	5	6	4	3	24	8.	
26	3	1	5	5	2	5	7	5	1	3	3	3	4	7	6	4	3	4	5	6	8	6	8	8	24	8.	
27	6	4	10	7	7	5	5	4	4	4	4	7	6	5	9	8	11	13	13	14	19	22	22	20	24	22.	
28	25	19	18	17	20	17	19	19	16	11	10	11	12	7	7	6	7	14	13	16	10	10	11	19	24	25.	
29	15	17	18	18	16	17	16	13	17	16	14	10	12	15	13	10	13	15	22	14	21	21	22	25	24	25.	
30																										0	
31																										0	
NO.:	29	29	29	29	29	29	29	29	29	29	29	29	27	28	28	29	29	29	29	29	29	29	29	29	29	24	
MAX:	33.	28.	33.	28.	23.	20.	19.	20.	20.	22.	21.	15.	21.	54.	23.	28.	24.	27.	26.	29.	32.	58.	76.	35.	35.		
AVG:	10.7	10.2	10.3	9.7	9.0	9.2	8.1	7.8	7.7	8.2	7.6	6.8	7.6	8.5	7.7	8.5	8.7	9.9	11.2	11.3	12.3	12.4	12.3	10.8	10.8		

MONTHLY OBSERVATIONS: 692 MONTHLY MEAN: 9.4 MONTHLY MAX: 76.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that 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
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2016
 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	32	28	30	28	24	30	23	18	24	29	25	24	22	16	15	14	18	19	20	16	22	33	29	24	24	33.	
2	23	24	16	12	12	8	7	8	5 6	4	7	6 BK	BK	BK	3	6	5	4	3	2	6	9	6	21	24	24.	
3	3	4	6	7	6	6	9	7	7	6	4	3	6	7	8	7	11	9	14	10	7	5	5	5	24	14.	
4	6	6	7	7	8	4	3	5	6	7	8	7	6	10	8	5	6	7	5	6	6	10	14	15	24	15.	
5	14	12	16	12	11	9	8	13	14	10	13	12	8	8	12	10	14	13	15	16	22	26	18	18	24	26.	
6	9	10	14	13	14	17	15	17	12	16	8	5	2	3	4	3	2	9	9	10	15	13	15	15	24	17.	
7	17	12	11	8	13	12	11	10	16	14	9	6	7	8	10	8	12	11	11	18	19	16	14	14	24	19.	
8	12	12	11	15	16	16	15	16	17	10	8	15	13	15	11	15	12	17	27	31	30	31	24	23	24	31.	
9	21	16	12	13	14	12	11	12	15	13 AX	1	7	9	9	9	18	8	17	15	16	12	14	10	23	21.	21.	
10	11	9	9	9	7	10	10	9	11	15	18	16	16	16	13	15	23	24	23	26	21	24	16	20	24	26.	
11	14	14	15	17	16	15	17	9	20	17	18	15	23	13	14	30	18	15	22	17	19	24	27	22	24	30.	
12	25	22	20	20	21	21	15	14	13	14	17	20	24	20	17	16	14	19	20	24	12	13	21	14	24	25.	
13	13	11	18	10	9	6	12	10	15	14	15	15	19	19	19	20	12	15	20	17	6	8	11	11	24	20.	
14	9	19	18	13	10	14	12	15	8	16	15	12	16	13	15	11	12	14	15	13	20	19	16	21	24	21.	
15	6	5	3	5	9	11	11	9	13	12	7	4	4	6	7	7	10	13	11	6	14	23	18	22	24	23.	
16	15	13	25	19	18	32	26	27	34	38	26	28	23	26	30	35	52	37	34	31	45	41	38	32	24	52.	
17	20	13	16	15	13	10	20	59	27	31	23	19	27	17	28	26	24	19	20	24	19	26	25	90	24	90.	
18	39	28	25	22	26	31	15	19	37	26	17	15	15	17	27	19	30	35	30	25	39	56	21	22	24	56.	
19	16	23	18	20	19	16	23	22	28	30	25	24	26	48	52	48	33	17	19	23	22	23	32	21	24	52.	
20	17	7	5	5	3	3	4	7	4	3	6	6	7	8	6	8	13	8	9	8	11	9	7	4	24	17.	
21	5	8	10	11	12	11	15	17	19	45	33	14	10	23	12	14	18	12	13	11	11	10	17	15	24	45.	
22	14	14	10	11	16	16	16	20	18	11	10	8	12	12	14	20	16	20	19	23	21	16	18	20	24	23.	
23	18	18	22	15	19	17	19	18	26 AX	AX	AX	27	36	12	22	21	24	27	22	22	32	29	20	21	36.		
24	18	12	13	12	12	14	15	17	15	17	21	28	21	18	17	18	22	18	14	18	8	7	10	9	24	28.	
25	14	8	9	12	8	12	8	16	11	15	9	13	21	12	12	21	16	15	19	12	17	14	16	14	24	21.	
26	10	12	15	13	10	13	17	15	26	18	24	29	30	31	27	31	29	26	29	18	24	16	19	21	24	31.	
27	21	22	19	19	17	22	18	8	12	16	13	16	10	11	11	8	4	2	5	5	2	6	4	1	24	22.	
28	5	8	6	5	4	3	7	2	3	3	5	12	16	37	33	20	20	18	16	11	12	9	9	6	24	37.	
29	12	11	11	11	10	9	7	8	11	9	5	8	10	7	9	7	8	9	10	12	11	14	12	12	24	14.	
30	12	13	13	13	12	13	11	14	15	12	11	14	11	12	12	14	15	12	19	13	13	14	15	11	24	19.	
31	11	12	13	15	14	12	14	19	14	22	16	19	16	17	18	20	18	11	12	13	9	7	6	7	24	22.	
NO.:	31	31	31	31	31	31	31	31	31	30	29	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31	
MAX:	39.	28.	30.	28.	26.	32.	26.	59.	37.	45.	33.	29.	30.	48.	52.	48.	52.	37.	34.	31.	45.	56.	38.	90.			
AVG:	14.9	13.7	14.1	13.1	13.0	13.7	13.4	14.8	16.0	16.4	14.3	13.8	15.2	16.5	16.1	16.3	17.0	15.5	17.0	16.0	16.7	18.2	17.1	17.6			

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: 15.4 MONTHLY MAX: 90.

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

(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 2016

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

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
PQAO: (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	9	7	10	14	12	10	8	4	3	4	5	3	5	8	10	8	6	14	13	8	5	6	3	24	14.	
2	4	5	2	10	8	6	4	3	5	5	7	5	5	8	24	3	18	38	15	18	15	12	9	8	24	38.	
3	11	10	9	6	13	10	22	16	16	8	10	8	7	8	7	5	1	3	7	8	5	10	13	10	24	22.	
4	8	10	12	12	8	7	8	12	7	11	11	12	16	8	11	16	6	13	12	18	16	13	13	15	24	18.	
5	12	14	21	17	19	13	24	24	14	11	17	9	10	9	7	7	8	6	9	7	9	9	9	9	24	24.	
6	10	11	13	9	10	8	6	9	10	12	13	7	AX	BA	12	11	19	18	15	24	15	22	12	11	22	24.	
7	8	6	6	5	4	4	3	2	1	3	4	15	4	11	15	33	15	11	13	19	11	8	6	8	24	33.	
8	19	7	6	4	6	7	6	6	6	24	11	22	8	8	8	7	6	7	9	14	12	17	42	29	24	42.	
9	15	12	8	10	11	19	7	4	5	9	74	34	50	26	33	12	11	8	12	11	9	7	10	11	24	74.	
10	6	3	5	5	2	5	5	2	3	2	2	5	4	8	6	6	9	7	11	12	13	10	6	12	24	13.	
11	7	6	5	6	8	9	14	10	23	11	9	14	9	23	15	16	21	14	19	13	9	6	12	11	24	23.	
12	10	7	6	5	8	7	7	6	4	4	5	4	2	4	5	3	6	6	5	8	6	5	10	10	24	10.	
13	11	10	11	13	9	8	11	13	15	10	10	8	14	11	12	15	10	10	11	17	18	8	10	16	24	18.	
14	11	11	8	9	10	8	7	10	8	8	13	10	10	12	10	13	10	13	13	11	17	10	11	7	24	17.	
15	4	4	8	6	8	9	8	12	15	13	11	12	17	18	17	22	16	13	12	10	8	15	5	6	24	22.	
16	5	10	8	6	7	7	10	9	11	11	12	11	16	13	10	14	16	10	10	12	13	12	19	15	24	19.	
17	15	11	10	10	12	9	6	8	11	9	11	15	9	10	8	8	28	10	11	17	AV	32	28	18	23	32.	
18	15	10	9	12	13	10	11	24	16	18	14	14	13	9	9	13	13	13	21	22	24	17	23	24	24	24.	
19	22	14	19	18	17	14	16	17	20	27	18	28	21	17	21	19	18	25	18	20	24	29	27	26	24	29.	
20	24	19	24	26	21	17	17	15	AX	BA	21	21	26	20	27	24	26	27	26	27	29	27	30	32	22	32.	
21	42	42	32	25	17	17	20	25	20	23	21	33	27	20	23	21	24	21	21	11	15	20	15	16	24	42.	
22	14	10	11	9	8	7	18	20	16	24	27	19	8	7	13	7	6	8	5	4	7	10	8	7	24	27.	
23	7	10	8	5	13	11	15	12	11	9	10	6	8	6	6	11	6	9	11	9	11	9	11	9	7	24	15.
24	11	9	8	7	8	9	8	11	9	9	7	6	10	6	12	8	5	6	7	13	10	13	9	9	24	13.	
25	7	9	7	6	9	8	9	8	9	5	9	14	12	14	12	12	13	11	19	14	10	9	7	12	24	19.	
26	14	18	12	12	8	11	12	9	13	13	21	44	34	17	15	20	19	16	13	17	11	12	13	16	24	44.	
27	10	12	17	11	9	11	12	20	14	12	13	20	16	17	6	17	27	20	23	17	25	26	21	19	24	27.	
28	16	17	14	15	16	12	10	17	14	22	20	19	11	11	23	13	24	12	22	14	23	10	9	16	24	24.	
29	9	11	11	10	12	13	17	9	12	15	12	22	12	10	7	11	18	16	7	15	18	15	13	16	24	22.	
30	14	11	13	13	15	13	9	14	13	21	17	21	17	13	14	11	11	13	12	18	20	11	17	10	24	21.	
31																										0	
NO.:	30	30	30	30	30	30	30	30	29	29	30	30	29	29	30	30	30	30	30	30	29	30	30	30			
MAX:	42.	42.	32.	26.	21.	19.	24.	25.	23.	27.	74.	44.	50.	26.	33.	33.	28.	38.	26.	27.	29.	32.	42.	32.			
AVG:	12.4	11.3	11.0	10.4	10.8	10.0	11.1	11.8	11.2	12.1	14.5	15.4	13.8	12.0	13.2	12.8	14.1	12.9	13.3	14.3	14.2	13.6	14.2	13.6			

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 12.7 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: 37-051-0009 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
 AOCR: (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: JUNE 2016

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	15	5	10	9	27	11	6	3	AX	BA	2	5	7	5	2	6	3	3	3	1	8	5	22	27.	
2	1	6	5	7	8	8	8	7	12	10	11	12	8	12	8	4	6	7	12	13	15	14	7	5	24	15.	
3	7	9	7	7	9	9	8	6	5	11	13	17	9	63	10	7	18	18	AV	AV	AV	AV	AV	AV	18	63.	
4	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	0	
5	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	0	0	
6	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	0	0	
7	AV	AV	AV	AV	AV	AV	AV	AV	AX	BA	8 6	12 6	9 6	13 6	12 6	11 6	10 6	5 6	16 6	15 6	16 6	11 6	16 6	13 6	14	16.	
8	13 6	12 6	12 6	11 6	11 6	16 6	13 6	10 6	11 6	11 6	8 6	7 6	11 6	8 6	6 6	8 6	10 6	13 6	10 6	18 6	23 6	19 6	11 6	14 6	24	23.	
9	8 6	12 6	10 6	6 6	5 6	6 6	10 6	7 6	4 6	BE	BE	6	9 6	8 6	7 6	14 6	9 6	14 6	16 6	12 6	16 6	20 6	17 6	16 6	22	20.	
10	24 6	18 6	20 6	13 6	23 6	23 6	20 6	27 6	42 6	20 6	29 6	24	88 6	59 6	16 6	13 6	9 6	21 6	13 6	14 6	21 6	18 6	21 6	18 6	24	88.	
11	18 6	14 6	16 6	18 6	18 6	21 6	20 6	20 6	20	20	18	15	18	23	26	24	16 6	18	20	27 6	22 6	19 6	26 6	17 6	24	27.	
12	13 6	21 6	18 6	18 6	21 6	20 6	21 6	21 6	21	26	19	25	17	23	19	16	21	23	23	26 6	25 6	28 6	29 6	23 6	24	29.	
13	26 6	29 6	19 6	29 6	22 6	22 6	22 6	31 6	14 6	9	11	15	10	10	10	22	12 6	7 6	5 6	9 6	13 6	15 6	16 6	22 6	24	31.	
14	21 6	17 6	22 6	19 6	16 6	11 6	21 6	19 6	19 6	21	31	28	32	37	34	36	36	32	15 6	16 6	7 6	11 6	12 6	9 6	24	37.	
15	18 6	14 6	14 6	13 6	13 6	21 6	17 6	15 6	AX	BA	BC	15	16	33	22	20	16	15	4	4	8	6	6	3	21	33.	
16	3	2	8	8	8	13	14	20	21	20	18	17	3	9	10	10	9	7	12	14	24	10	11	11	24	24.	
17	23	16	17	20	14	16	21	15	17	14	14	15	25	17	9	12	7	8	5	2	6	7	7	8	24	25.	
18	19	14	14	13	16	12	19	18	17	16	11	12	15	12	11	8	9	9	7	13	14	13	17	11	24	19.	
19	12	13	7	13	14	13	15	11	16	12	15	16	7	13	10	13	10	13	15	14	10	16	16	20	24	20.	
20	12	13	13	13	13	15	19	15	18	18	12	15	13	13	11	12	18	18	21	23	23	23	17	13	24	23.	
21	17	18	17	24	15	15	10	12	14	23	33	26	29	27	25	19	20	25	29	20	25	23	23	22	24	33.	
22	13	17	15	16	10	16	14	18	22	17	26	26	21	24	47	29	31	29	25	18	17	40	32	29	24	47.	
23	29	29	29	34	25	24	26	28	35	29	33	27	32	28	27	23	28	32	32	32	34	35	35	11	24	35.	
24	7	4	3	2	4	9	7	4	16	20	24	27	31	33	40	39	33	29	32	14	11	9	13	9	24	40.	
25	5	7	11	16	18	10	21	16	17	14	25	27	23	14	18	19	26	16	16	20	18	19	14	14	24	27.	
26	13	12	18	17	16	16	13	18	12	15	11	15	12	9	9	16	7	11	11	17	12	12	14	14	24	18.	
27	15	16	16	12	17	18	22	20	17	17	18	17	17	16	23	11	11	20	13	12	15	14	13	16	24	23.	
28	14	9	8	8	12	10	11	19	AX	BC	17	10	7	4	5	3	5	8	5	9	15	20	19	16	22	20.	
29	19	7	11	7	12	9	13	12	16	12	16	16	16	16	13	11	18	17	17	11	11	11	8	4	3	24	19.
30	5	7	11	10	10	8	17	15	13	17	15	12	17	8	16	23	22	19	17	12	14	15	17	8	24	23.	
31																										0	
NO.:	26	26	26	26	26	26	26	26	24	23	24	26	27	27	27	27	27	27	26	26	26	26	26	26	26		
MAX:	29.	29.	29.	34.	25.	24.	27.	31.	42.	29.	33.	28.	88.	63.	47.	39.	36.	32.	32.	32.	34.	40.	35.	29.			
AVG:	14.0	13.2	13.7	13.8	13.8	14.2	16.5	16.0	16.9	16.3	18.2	17.5	18.4	19.8	16.6	16.1	15.5	16.3	14.9	14.9	16.1	16.4	16.2	13.5			

MONTHLY OBSERVATIONS: 623 MONTHLY MEAN: 15.8 MONTHLY MAX: 88.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that 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

REPORT FOR: JULY 2016

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

COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
PQAO: (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	15	16	17	16	17	18	18	19	17	9	11	11	19	12	18	14	19	15	16	13	12	11	13	11	24	19.			
2	12	19	8	12	13	9	14	19	18	13	16	17	18	19	18	19	10	11	17	15	15	10	7	8	24	19.			
3	13	13	13	15	17	17	21	10	9	11	17	20	22	21	17	12	16	17	16	24	17	14	16	12	24	24.			
4	20	25	28	20	35	31	35	23	21	33	29	37	22	26	26	24	23	8	11	8	47	60	30	9	24	60.			
5	13	14	12	18	12	17	12	12	17	19	20	16	30	23	20	18	19	20	15	12	12	10	19	11	24	30.			
6	15	16	19	25	21	11	12	16	13	14	18	15	10	12	17	11	9	10	13	11	11	11	10	8	24	25.			
7	10	15	18	11	16	16	9	14	8	13	8	7	8	22	21	14	20	12	19	8	16	16	10	8	24	22.			
8	10	10	10	14	16	15	10	10	16	8	14	12	18	16	18	18	21	24	18	15	15	15	4	4	24	24.			
9	12	7	11	11	9	16	10	9	12	14	10	16	14	12	10	15	12	13	19	13	13	11	14	12	24	19.			
10	10	11	8	14	16	19	15	18	6	8	11	14	13	12	12	10	10	14	9	14	11	12	15	16	24	19.			
11	9	13	11	14	13	15	12	18	9	11	13	16	10	17	16	2	5	8	6	5	8	8	6	9	24	18.			
12	8	7	6	9	11	9	9	8	18	8	8	7	14	25	21	17	12	20	68	11	18	14	14	10	24	68.			
13	12	7	6	11	12	11	11	10	AX	BA	16	36	41	45	47	44	47	48	49	40	34	37	36	50	22	50.			
14	24	29	19	18	16	15	15	24	23	35	30	28	24	17	14	18	19	19	28	25	22	20	17	16	24	35.			
15	10	21	18	13	8	10	10	15	15	18	20	18	16	16	19	13	17	2	6	5	4	7	8	10	24	21.			
16	9	4	5	9	11	12	13	9	10	16	9	11	8	7	7	8	4	7	11	9	4	0	6	-2	6	0	6	24	16.
17	3	6	1	6	3	3	5	10	6	4	6	13	8	9	11	9	11	7	4	4	5	2	3	6	24	13.			
18	4	2	0	5	11	9	11	7	11	11	12	16	4	8	7	8	9	10	6	8	7	7	7	7	5	24	16.		
19	4	4	11	6	7	8	17	12	14	11	9	16	AX	BA	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	12	17.			
20	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	7	12	7	4	10	9	12	16	10	15	16	10	13	11	20	4	16	20.			
21	13	10	10	18	13	11	13	10	10	12	18	10	8	8	11	11	11	16	12	14	15	13	11	10	24	18.			
22	9	10	14	16	14	10	16	13	15	16	14	16	11	10	12	10	11	11	12	18	6	5	4	2	24	18.			
23	3	6	8	11	11	12	14	18	15	17	12	11	12	15	10	16	10	11	5	11	6	3	7	5	24	18.			
24	5	5	6	9	8	6	10	15	16	12	9	12	10	8	17	12	12	11	10	15	14	18	7	10	24	18.			
25	8	10	14	9	9	15	9	11	13	11	9	18	16	17	12	20	21	16	12	17	20	16	12	9	24	21.			
26	12	6	3	4	8	12	9	6	13	11	13	11	16	12	15	14	19	19	16	14	19	16	17	18	24	19.			
27	19	16	13	20	13	10	15	AX	BA	15	15	15	15	13	10	9	10	11	21	16	11	15	10	12	22	21.			
28	7	4	9	7	9	12	9	18	12	17	66	13	11	21	22	18	25	22	26	28	20	29	20	20	24	66.			
29	15	16	19	19	15	18	14	17	19	7	3	-1	1	4	7	3	2	3	7	8	4	6	10	11	24	19.			
30	10	4	2	6	9	5	8	10	17	10	14	6	9	7	3	13	18	19	17	6	4	10	8	8	24	19.			
31	8	10	9	10	16	14	16	19	16	15	12	16	16	15	16	9	10	17	8	5	2	4	5	5	24	19.			
NO.:	30	30	30	30	30	30	30	29	29	30	31	31	30	30	30	30	30	30	30	30	30	30	30	30	30				
MAX:	24.	29.	28.	25.	35.	31.	35.	24.	23.	35.	66.	37.	41.	45.	47.	44.	47.	48.	68.	40.	47.	60.	36.	50.					
AVG:	10.7	11.0	11.0	12.4	13.0	12.9	13.2	13.7	13.6	13.8	15.4	14.6	14.5	15.3	15.5	14.2	14.6	14.4	16.4	13.4	13.5	13.7	11.9	10.6					

MONTHLY OBSERVATIONS: 720 MONTHLY MEAN: 13.5 MONTHLY MAX: 68.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that 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

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

REPORT FOR: AUGUST 2016

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	6	5	11	11	6	4	9	10	6	9	9	9	7	10	7	11	7	5	6	10	7	7	5	24	11.						
2	1	1	4	2	1	2	5	15	0	7	4	13	12	15	14	15	15	17	19	10	9	4	1	1	24	19.						
3	0	0	2	4	8	7	9	10	9	6	7	10	6	5	9	6	6	4	1	-1	0	1	6	5	24	10.						
4	6	7	6	4	5	9	7	6	7	10	8	14	11	11	18	-3	-2	0	0	1	2	4	6	7	24	18.						
5	3	16	5	12	14	10	11	12	21	10	7	7	7	5	AN	2	5	1	4	6	5	6	AJ	AJ	21	21.						
6	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0						
7	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0						
8	AJ	AJ	AJ	AJ	AJ	AJ	AX	BA	0	6	5	8	11	21	-4	1	11	6	0	5	7	6	11	10	16	21.						
9	9	8	13	16	8	8	8	9	AZ	BA	6	6	11	8	4	5	9	10	6	2	6	6	6	7	22	16.						
10	10	7	5	3	7	7	6	9	19	14	21	11	23	16	10	20	19	22	18	18	16	5	9	10	24	23.						
11	6	6	7	11	6	8	7	15	4	6	12	11	5	4	10	7	5	1	2	2	6	8	5	1	24	15.						
12	3	1	-1	4	5	1	1	9	7	3	0	2	2	0	-4	-5MD	-2	0	6	5	2	-1	1	3	24	9.						
13	5	1	0	0	0	0	2	6	3	5	5	5	4	4	2	4	5	3	6	7	6	1	0	3	24	7.						
14	2	1	1	0	1	0	-1	0	0	3	2	3	3	2	4	4	5	2	-1	0	3	2	0	0	24	5.						
15	0	0	1	1	0	0	3	1	2	6	7	6	8	6	4	5	3	4	9	5	8	8	4	0	24	9.						
16	0	0	2	6	1	5	3	1	3	3	1	-3	-3	6	4	1	2	2	1	3	2	3	3	0	24	6.						
17	-3	-1	-1	-4	-3	-3	-2	1	0	7	6	10	6	5	8	9	5	7	5	7	3	2	2	0	24	10.						
18	-1	-2	3	4	2	1	0	0	1	13	6	6	10	10	6	3	4	9	9	7	3	0	3	2	24	13.						
19	0	0	0	0	0	0	1	0	2	7	10	7	3	3	3	4	12	7	5	3	1	2	2	0	24	12.						
20	2	0	11	9	3	0	0	3	4	4	2	0	2	7	5	2	0	3	3	2	3	2	1	0	24	11.						
21	0	0	6	6	5	3	9	7	4	3	4	2	9	8	9	5	17	7	14	7	0	0	0	1	24	17.						
22	2	3	5	7	5	3	7	9	5	8	6	3	8	6	3	6	10	4	1	9	14	9	7	7	24	14.						
23	5	9	10	10	6	9	6	12	6	11	6	12	11	13	10	10	9	14	10	7	14	17	11	13	11	8	24	17.				
24	9	10	8	11	6	6	6	3	6	5	6	5	6	AX	BA	7	3	9	8	9	11	8	12	14	11	19	12	22	19.			
25	9	13	6	12	6	7	6	8	6	12	6	19	6	15	8	7	10	15	17	14	13	13	17	20	16	9	9	19	5	4	24	20.
26	7	4	0	2	3	1	1	5	18	21	23	16	13	19	5	6	17	6	20	17	9	18	7	9	8	13	24	23.				
27	13	8	8	12	13	7	4	20	13	11	14	13	13	19	6	20	12	16	17	9	4	4	3	1	0	24	20.					
28	-2	1	10	11	9	17	10	15	10	12	10	7	7	8	14	9	9	7	3	1	0	1	1	4	4	24	17.					
29	4	3	3	9	8	8	6	11	8	5	13	12	12	15	11	13	11	10	14	18	0	0	-2	-4	24	18.						
30	0	0	0	2	6	10	12	7	12	14	12	7	9	8	7	6	10	12	12	12	11	15	13	8	24	15.						
31	1	-1	-1	-4	3	3	5	14	7	15	4	6	6	7	12	7	3	2	0	1	5	1	-1	0	24	15.						
NO.:	28	28	28	28	28	28	28	28	28	27	28	29	29	29	28	29	29	29	29	29	29	29	28	28								
MAX:	13.	16.	13.	16.	14.	17.	19.	20.	21.	21.	23.	16.	23.	21.	20.	20.	20.	22.	19.	18.	16.	19.	19.	13.								
AVG:	3.5	3.6	4.4	5.6	5.1	5.0	5.5	8.1	6.9	8.3	8.0	7.7	8.1	8.8	7.7	6.8	8.4	7.6	6.8	6.8	5.8	5.1	4.6	3.8								

MONTHLY OBSERVATIONS: 681 MONTHLY MEAN: 6.3 MONTHLY MAX: 23.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that 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: FEBRUARY 2016

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	5	4	5	5	4	5	6	4	11	10	9	13	11	9	15	14	16	27	25	11	6	5	7	24	27.		
2	6	7	6	4	3	3	6	6	7	5	6	4	5	5	7	6	6	7	11	8	5	4	6	6	24	11.		
3	8	8	11	11	11	12	14	12	AX	AX	4	7	15	13	8	5	4	5	4	3	3	3	3	3	22	15.		
4	4	3	4	2	2	2	5	5	7	AZ	AZ	4	4	3	6	5	5	5	5	3	2	2	2	2	22	7.		
5	2	2	3	2	1	0	1	1	1	1	1	2	2	3	2	1	1	2	2	1	1	0	0	0	24	3.		
6	0	-1	-1	-1	0	-1	-1	0	1	1	1	0	1	2	2	4	2	3	2	2	3	2	2	3	24	4.		
7	2	2	1	1	1	1	1	1	1	2	1	2	2	3	3	2	2	1	1	1	1	1	1	1	24	3.		
8	1	1	0	0	0	0	0	0	4	5	4	7	5	4	5	7	4	4	2	1	1	0	2	1	24	7.		
9	0	1	1	1	1	1	1	2	4	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	24	4.		
10	0	0	0	0	0	-1	-1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	24	1.		
11	0	0	-1	-1	-1	6	-2	6	-3	6	-2	6	0	0	0	1	1	1	1	2	2	1	0	1	0	24	2.	
12	0	0	0	0	0	-1	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0.	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	6	-1	6	-1	6	24	0.	
14	-1	6	-2	6	-2	6	-3	6	-3	6	-2	6	-2	6	-1	6	0	6	0	6	0	6	0	6	0	6	24	0.
15	-1	0	-1	-1	-1	6	-2	6	-1	6	0	6	0	6	0	6	0	6	0	0	0	0	0	0	0	24	0.	
16	0	0	0	0	1	0	2	1	0	0	0	1	2	2	1	1	2	2	6	5	5	4	2	2	2	24	6.	
17	2	2	1	1	1	1	2	2	2	3	3	2	2	3	2	2	4	5	6	4	3	2	1	1	24	6.		
18	1	1	1	0	0	0	0	1	2	3	3	2	3	BA	BA	BA	2	1	3	3	2	1	0	0	21	3.		
19	0	0	0	0	0	0	6	-1	6	0	6	1	2	2	4	5	6	5	6	4	7	5	3	4	24	7.		
20	3	4	5	3	3	3	2	4	6	8	13	16	18	19	16	21	16	18	21	18	16	12	11	8	24	21.		
21	7	5	5	4	5	5	7	9	6	11	12	13	14	7	15	22	19	17	15	18	13	13	15	11	24	22.		
22	8	10	9	7	9	9	6	9	6	9	AX	AX	12	12	7	8	6	5	5	3	4	3	2	2	22	12.		
23	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	24	2.		
24	0	0	0	-1	-1	-1	-1	0	0	3	5	1	-1	-1	0	8	6	4	7	9	8	6	3	2	24	9.		
25	3	1	1	1	1	0	0	1	0	0	0	1	2	1	2	3	3	2	2	2	0	0	1	0	24	3.		
26	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	0	24	1.		
27	0	0	0	0	0	0	0	0	0	1	1	1	1	3	3	4	4	5	3	3	3	2	1	1	24	5.		
28	1	1	0	0	0	0	0	2	4	5	5	4	4	4	3	6	6	7	6	5	11	7	9	6	24	11.		
29	6	4	5	5	6	7	8	9	10	9	15	9	12	10	13	13	11	13	9	13	11	14	8	6	24	15.		
30																										0		
31																											0	
NO.:	29	29	29	29	29	29	29	29	28	27	27	28	29	28	28	28	29	29	29	29	29	29	29	29	29			
MAX:	8.	10.	11.	11.	11.	12.	14.	12.	10.	11.	15.	16.	18.	19.	16.	22.	19.	18.	27.	25.	16.	14.	15.	11.				
AVG:	2.0	1.9	1.8	1.4	1.6	1.3	1.7	2.3	2.4	3.0	3.2	3.3	4.3	4.1	4.0	5.0	4.4	4.5	4.8	4.6	3.8	2.9	2.5	2.2				

MONTHLY OBSERVATIONS: 687 MONTHLY MEAN: 3.0 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: 37-063-0015 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

REPORT FOR: MARCH 2016

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	5	3	3	2	2	2	2	4	AX	AX	13	23	15	19	13	13	19	15	16	21	20	21	20	21	24	23.	
2	20	16	11	3	1	0	0	0	1	1	1	0	1	1	2	1	0	0	0	0	0	0	0	0	1	24	20.
3	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	2	3	2	2	2	1	0	0	0	0	24	3.
4	0	0	0	0	0	1	1	2	2	2	2	3	3	2	3	3	4	3	4	5	4	2	2	1	24	5.	
5	1	1	0	1	1	1	2	2	5	5	6	4	4	3	4	4	3	7	5	6	6	8	4	4	24	8.	
6	3	4	3	3	3	2	3	2	3	2	1	0	2	2	2	2	2	5	3	2	3	2	2	2	24	5.	
7	1	0	0	0	0	0	0	2	5	5	6	6	5	8	10	6	6	7	7	9	8	7	5	7	24	10.	
8	7	5	7	5	7	5	6	5	8	9	10	13	10	8	7	12	13	16	12	11	14	11	13	9	24	16.	
9	9	9	10	9	9	10	10	13	10	12	11	11	11	11	9	8	13	16	17	15	16	17	17	16	24	17.	
10	18	12	10	11	8	6	7	5	11	11	12	12	12	11	18	17	20	41	35	17	22	20	21	25	24	41.	
11	13	12	12	11	9	10	11	12	11	15	18	19	15	15	11	14	9	17	21	16	17	19	14	16	24	21.	
12	14	7	4	3	4	4	4	4	4	4	10	8	14	15	24	25	21	21	24	24	19	19	20	18	24	25.	
13	12	8	7	11	9	8	6	13	12	10	10	10	14	13	9	11	14	12	13	7	8	4	2	4	24	14.	
14	4	3	4	4	5	7	6	13	11	4	7	15	11	10	12	12	14	12	12	9	4	2	4	2	24	15.	
15	2	2	1	1	3	3	2	2	1	0	0	2	1	2	4	3	5	10	7	6	7	10	6	7	24	10.	
16	6	5	6	6	6	6	6	8	59	23	AX	AX	25	25	26	24	24	17	13	20	13	8	8	7	22	59.	
17	6	4	4	6	5	4	5	5	6	6	4	5	4	7	8	10	10	9	13	13	12	9	12	7	24	13.	
18	10	6	5	6	5	6	7	9	6	7	4	8	6	5	4	7	7	15	11	8	7	10	8	9	24	15.	
19	7	5	5	6	6	7	8	11	12	9	6	7	6	5	9	6	6	4	4	3	4	3	2	1	24	12.	
20	1	2	2	1	1	0	0	1	1	1	1	1	2	1	2	1	1	2	2	5	5	4	3	3	24	5.	
21	3	2	2	1	1	1	1	2	2	2	3	BA	3	2	2	4	4	4	4	3	AI	1	AI	AI	20	4.	
22	1	0	0	0	0	AI	AI	5	5	5	4	4	5	6	5	11	10	12	10	7	8	16	16	12	22	16.	
23	9	12	12	10	13	10	12	13	12	14	12	15	18	16	16	11	52	17	14	18	22	20	14	16	24	52.	
24	16	15	13	9	10	6	8	6	13	13	22	32	23	24	19	23	23	25	22	27	15	13	11	4	24	32.	
25	6	7	8	9	8	10	10	9	17	20	18	13	16	15	16	13	13	13	11	10	15	28	28	14	24	28.	
26	14	14	14	7	8	12	10	9	8	10	7	5	11	10	12	14	11	13	7	12	10	14	8	6	24	14.	
27	6	5	5	4	5	4	3	1	2	1	0	0	2	1	0	1	3	3	1	0	0	0	0	-1	24	6.	
28	-1	-1	0	0	1	1	1	0	0	0	0	19	13	9	4	3	6	6	4	6	5	5	5	6	24	19.	
29	4	3	2	1	2	2	4	3	2	3	2	3	4	3	2	1	3	7	8	5	6	6	3	2	24	8.	
30	2	2	2	2	3	3	3	4	6	6	AX	AX	1	4	5	6	6	7	8	8	11	8	10	9	22	11.	
31	6	6	7	5	4	7	8	9	11	10	16	13	20	17	18	17	18	20	17	13	9	8	10	6	24	20.	
NO.:	31	31	31	31	31	30	30	31	30	30	29	28	31	31	31	31	31	31	31	31	30	31	30	30			
MAX:	20.	16.	14.	11.	13.	12.	12.	13.	59.	23.	22.	32.	25.	25.	26.	25.	52.	41.	35.	27.	22.	28.	28.	25.			
AVG:	6.6	5.5	5.1	4.4	4.5	4.6	4.9	5.6	8.2	7.0	7.1	9.0	9.0	8.8	9.0	9.2	11.1	11.5	10.5	9.9	9.7	9.5	8.9	7.8			

MONTHLY OBSERVATIONS: 732 MONTHLY MEAN: 7.8 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: 37-063-0015 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

REPORT FOR: APRIL 2016

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	6	7	7	12	8	9	8	4	0	-2	4	BA	8	5	6	3	2	3	1	4	5	3	1	23	12.														
2	1	3	3	3	3	4	6	3	2	4	6	5	5	7	12	9	10	10	8	8	6	3	3	4	24	12.														
3	3	8	7	7	6	2	2	2	2	2	2	2	2	3	6	5	5	5	2	2	2	5	4	3	24	8.														
4	3	4	3	3	3	3	4	3	4	5	6	9	13	9	9	16	13	13	10	10	11	8	13	11	24	16.														
5	9	11	9	14	8	4	4	2	2	3	3	2	3	4	5	5	3	3	2	2	2	1	0	0	24	14.														
6	0	0	0	0	0	0	1	1	3	3	2	0	6	4	4	5	10	9	8	9	7	7	11	7	24	11.														
7	9	6	5	3	2	4	3	1	0	3	3	3	3	5	4	4	7	11	5	5	5	3	5	4	24	11.														
8	2	2	2	1	0	1	2	1	3	2	3	2	1	2	3	2	4	4	2	4	2	2	2	3	24	4.														
9	3	1	1	1	1	1	1	1	2	5	7	5	4	3	3	3	3	2	2	1	1	1	1	0	24	7.														
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	5	6	6	4	4	5	5	24	6.														
11	5	4	3	3	3	2	3	3	4	4	6	8	11	10	12	13	13	15	14	14	12	10	7	9	6	24	15.													
12	8	6	10	6	11	6	16	6	20	6	15	6	11	6	8	6	7	6	4	6	5	6	1	6	0	0	5	6	7	6	6	6	3	6	5	6	6	6	24	20.
13	5	6	6	6	7	6	7	6	5	6	4	6	2	6	2	6	3	6	AX	AX	BA	BA	7	5	7	7	8	7	5	3	3	3	3	5	20	8.				
14	4	2	1	1	2	2	3	3	7	6	7	8	7	6	6	5	7	7	5	4	4	4	4	4	4	24	8.													
15	2	1	1	1	1	3	3	2	3	4	5	8	9	9	6	8	9	7	6	6	4	4	3	4	24	9.														
16	3	2	1	1	1	1	2	3	2	0	2	5	4	2	5	4	3	4	4	8	10	7	6	5	24	10.														
17	5	4	2	2	2	2	2	4	3	5	6	7	6	9	7	7	6	10	8	8	15	7	6	4	24	15.														
18	3	4	2	4	2	3	5	12	11	9	8	6	BA	BA	4	11	16	10	14	13	15	18	12	11	22	18.														
19	8	10	8	9	6	7	5	14	13	14	23	10	21	18	16	14	14	21	18	24	19	15	14	14	24	24.														
20	18	17	16	13	10	7	8	10	12	12	15	14	9	11	14	47	42	15	15	17	12	8	13	10	24	47.														
21	6	9	10	12	15	17	18	19	18	23	28	28	29	39	28	26	24	28	25	18	16	15	7	12	24	39.														
22	13	8	8	9	10	11	12	17	17	18	11	9	17	6	12	8	8	6	5	7	9	7	6	8	24	18.														
23	8	8	9	7	6	8	5	3	2	2	7	5	4	6	13	8	5	5	7	5	5	5	6	6	24	13.														
24	5	5	4	4	4	4	4	2	4	4	3	3	3	3	4	5	10	8	7	7	7	6	5	4	24	10.														
25	4	6	3	3	5	4	3	5	7	8	11	13	14	13	14	15	11	15	13	10	12	18	19	14	24	19.														
26	13	11	9	7	8	6	8	9	10	10	13	12	21	14	17	17	14	16	17	15	10	20	23	20	24	23.														
27	17	11	15	13	11	11	12	19	17	17	21	20	26	29	23	24	20	16	20	12	9	14	13	12	24	29.														
28	8	13	9	8	10	11	13	10	14	15	18	21	22	17	14	21	13	15	20	11	11	9	13	13	24	22.														
29	6	3	1	2	4	3	2	2	1	0	5	14	15	20	13	11	9	12	17	8	7	6	4	9	24	20.														
30	5	4	6	4	6	3	1	0	1	2	5	4	4	4	4	7	9	9	7	7	6	6	5	7	24	9.														
31																										0														
NO.:	30	30	30	30	30	30	30	30	30	29	29	29	27	29	30	30	30	30	30	30	30	30	30	30	30															
MAX:	18.	17.	16.	16.	20.	17.	18.	19.	18.	23.	28.	28.	29.	39.	28.	47.	42.	28.	25.	24.	19.	20.	23.	20.																
AVG:	6.0	6.0	5.4	5.5	5.5	5.0	5.1	5.6	5.9	6.4	7.9	8.1	9.7	9.5	9.0	10.6	10.0	9.7	9.5	8.5	7.9	7.5	7.4	7.2																

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: 7.4 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: 37-063-0015 POC: 3
COUNTY: (063) Durham
CITY: (19000) Durham
SITE ADDRESS: 801 STADIUM DRIVE
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (37) North Carolina
AOCR: (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: AUGUST 2016

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	4	7	11	11	12	9	9	13	25	16	13	14	11	11	12	11	17	15	14	16	13	13	11	24	25
2	12	11	14	15	25	17	16	AX	AX	BA	BA	12	12	16	9	4	5	8	9	5	9	5	6	4	20	25
3	7	5	5	6	6	5	6	7	7	10	9	9	9	9	14	17	11	13	14	12	9	12	10	9	24	17
4	6	5	5	6	5	7	11	10	8	10	7	8	6	8	9	8	9	11	9	10	6	7	8	4	24	11
5	0	0	3	3	4	8	8	BA	BA	BA	BA	13	9	15	14	13	5	6	4	1	3	12	9	9	20	15
6	7	10	9	11	13	10	12	15	11	17	16	15	15	11	10	16	17	11	15	19	19	14	17	15	24	19
7	8	6	7	8	8	5	6	6	4	4	12	12	11	7	3	19	11	11	13	12	12	11	11	11	24	19
8	12	9	10	12	9	8	5	11	14	14	14	20	19	13	19	14	13	16	15	10	7	3	0	0	24	20
9	4	6	8	11	11	17	18	16	18	10	12	15	13	11	11	9	18	9	7	7	11	8	8	13	24	18
10	10	10	8	8	9	9	10	15	14	16	20	16	30	25	32	28	30	30	30	15	20	16	18	20	24	32
11	16	18	10	11	11	16	16	AX	AX	BA	BA	BA	BA	BA	16	16	15	17	10	7	9	6	6	6	17	18
12	6	5	9	11	11	12	9	7	5	10	8	4	4	2	7	8	8	12	8	5	6	4	4	6	24	12
13	7	7	5	9	8	4	2	6	5	11	14	13	12	8	9	13	12	10	12	10	9	9	12	9	24	14
14	11	8	8	7	6	8	5	8	9	7	13	10	9	9	12	11	8	11	12	7	5	8	7	4	24	13
15	9	7	7	7	4	10	7	11	19	AZ	AZ	AZ	BA	BA	BA	11	18	13	16	15	13	10	15	14	18	19
16	15	11	7	6	8	7	4	4	6	6	9	7	14	14	12	12	14	16	14	11	11	8	6	7	24	16
17	4	6	4	4	3	1	2	4	5	9	10	12	11	10	12	16	16	15	17	0	0	3	1	1	24	17
18	2	2	4	4	5	6	7	8	9	6	3	2	3	3	2	2	5	6	7	6	6	4	6	4	24	9
19	2	5	3	3	8	6	6	5	6	8	8	9	10	9	6	4	5	5	5	7	4	10	8	7	24	10
20	12	8	5	10	10	11	8	6	6	8	24	19	13	12	9	16	8	3	7	9	11	14	17	22	24	24
21	17	12	20	16	21	19	13	12	9	9	9	6	7	7	7	6	13	7	5	2	2	2	2	3	24	21
22	5	4	11	8	9	8	8	8	AX	AX	BA	BA	10	6	0	2	7	8	5	7	5	4	5	7	20	11
23	7	6	4	5	5	5	7	8	13	21	13	11	9	8	9	17	8	10	14	11	10	9	8	6	24	21
24	6	6	6	7	4	3	6	12	16	16	20	34	16	13	25	22	13	15	18	11	8	11	8	14	24	34
25	10	10	11	13	11	11	11	13	22	23	30	22	23	21	21	23	19	16	14	14	12	17	21	15	24	30
26	19	15	18	16	15	15	16	24	16	17	17	16	22	27	24	33	19	29	19	13	16	22	14	17	24	33
27	17	15	19	19	21	20	19	44	24	32	30	30	34	30	31	36	23	21	13	18	17	15	12	11	24	44
28	12	13	13	11	9	11	11	12	10	12	13	11	15	20	17	17	18	16	17	14	13	13	11	13	24	20
29	11	14	13	12	11	9	7	14	19	8	18	12	19	17	21	16	16	17	14	17	10	12	12	10	24	21
30	12	12	7	9	9	8	11	12	BA	BA	BA	20	22	19	23	17	21	17	16	16	14	13	17	11	21	23
31	12	9	14	7	10	10	11	24	26	19	16	22	30	28	36	30	43	23	12	17	12	12	9	4	24	43

NO.:	31	31	31	31	31	31	31	28	26	25	25	28	29	29	30	31	31	31	31	31	31	31	31	31	31	31
MAX:	19.	18.	20.	19.	25.	20.	19.	44.	26.	32.	30.	34.	34.	30.	36.	43.	30.	30.	30.	19.	20.	22.	21.	22.		
AVG:	9.1	8.4	8.8	9.2	9.7	9.6	9.3	11.8	12.1	13.1	14.4	14.0	14.5	13.4	14.4	15.1	14.2	13.5	12.5	10.4	9.8	9.9	9.7	9.3		

MONTHLY OBSERVATIONS: 716 MONTHLY MEAN: 11.4 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: 37-063-0015 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: SEPTEMBER 2016

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	6	4	7	6	7	AX	AX	AX	BA	BA	BA	19	11	6	5	6	12	17	15	14	17	16	12	18	19.	
2	18	12	16	17	13	11	7	11	15	16	15	15	8	9	5	5	7	5	3	4	3	2	4	4	24	18.	
3	2	3	3	2	3	3	2	2	3	7	5	6	5	13	9	15	12	6	2	2	3	5	5	7	24	15.	
4	8	7	6	8	8	7	10	6	5	6	11	10	7	9	7	7	10	9	7	6	6	8	6	5	24	11.	
5	4	4	7	7	5	4	5	6	7	6	4	2	4	5	2	3	9	17	8	13	7	9	7	6	24	17.	
6	4	7	7	6	6	5	6	6	9	9	9	19	9	6	13	13	14	13	12	10	12	8	12	9	24	19.	
7	9	11	11	10	12	10	6	AX	AX	AX	BA	BA	18	16	21	16	18	18	19	14	14	13	14	13	19	21.	
8	10	11	11	9	16	9	9	16	20	24	21	13	21	20	124	5	19	21	22	17	17	16	13	18	21	24	124.
9	16	15	16	15	15	16	17	27	22	31	38	38	36	24	27	28	26	25	25	25	24	29	25	26	24	38.	
10	20	22	20	15	19	10	16	11	15	23	26	31	34	30	34	27	34	35	34	26	28	28	19	15	24	35.	
11	18	18	19	16	17	16	19	25	18	25	9	8	18	9	4	6	8	10	12	13	10	11	8	8	24	25.	
12	7	5	3	5	10	8	6	5	15	13	10	10	11	13	16	11	10	15	12	12	12	14	9	9	24	16.	
13	8	8	7	6	8	8	8	6	19	19	18	24	23	17	21	23	28	22	19	17	9	12	14	11	24	28.	
14	15	10	11	10	8	7	9	10	11	13	12	11	16	17	17	26	27	23	20	16	17	18	13	13	24	27.	
15	10	10	10	11	7	12	10	15	25	40	25	29	23	24	34	32	30	29	25	28	23	18	15	17	24	40.	
16	14	12	13	10	12	14	20	23	19	20	19	18	20	23	13	18	16	17	15	19	15	16	13	10	24	23.	
17	9	10	13	14	15	17	7	5	2	4	6	8	11	11	9	10	11	17	17	6	11	14	9	7	24	17.	
18	7	9	10	9	6	6	4	2	2	3	3	2	3	3	7	6	3	6	5	4	6	3	3	3	24	10.	
19	2	1	1	5	8	11	12	5	4	8	2	-3	-2	-1	0	1	2	2	3	2	0	0	0	1	24	12.	
20	6	4	4	4	3	4	4	4	6	4	2	4	5	3	4	4	5	7	3	2	3	4	7	9	24	9.	
21	7	3	3	4	2	1	1	0	-2	-1	-1	0	0	-1	0	0	-1	-1	2	1	0	2	4	4	24	7.	
22	4	2	2	3	1	0	1	1	1	AX	AX	BA	BA	2	2	0	2	1	0	0	0	1	3	5	20	5.	
23	5	7	8	12	13	12	14	11	9	5	8	6	3	3	3	2	5	2	1	5	6	12	11	21	24	21.	
24	15	16	19	19	16	18	21	11	8	6	11	15	14	10	14	16	15	16	12	14	14	19	20	23	24	23.	
25	18	24	26	19	18	9	9	9	12	8	14	8	9	11	12	12	14	9	14	15	12	11	6	10	24	26.	
26	8	6	6	5	5	3	8	8	7	5	6	7	5	7	11	12	14	16	17	12	17	12	9	4	24	17.	
27	0	3	5	5	8	9	9	8	8	11	7	6	7	7	6	9	9	12	13	11	14	14	17	16	24	17.	
28	15	14	14	17	17	15	10	12	13	12	17	15	17	10	8	16	14	11	8	7	7	5	2	2	24	17.	
29	6	6	5	2	6	7	7	8	8	5	4	2	2	4	4	3	3	5	4	3	5	8	6	8	24	8.	
30	8	6	9	9	9	15	12	12	10	8	5	8	5	5	9	6	5	11	7	11	18	17	19	18	24	19.	
31																										0	

MONTHLY OBSERVATIONS: 705 MONTHLY MEAN: 10.9 MONTHLY MAX: 124.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that 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: NOVEMBER 2016

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	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
2	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
3	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	AX	AX	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0	
4	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	BA	3	4	4	6	6	6	3	4	4	5	4	3	11	6.
5	2	1	1	2	1	2	2	3	3	4	4	2	6	4	8	7	7	5	7	6	7	4	4	4	24	8.	
6	4	3	3	2	3	2	3	3	7	6	4	4	8	5	7	5	4	8	8	6	6	5	4	4	24	8.	
7	3	2	3	1	2	2	2	4	2	2	3	3	4	3	1	2	7	6	5	6	3	3	3	1	24	7.	
8	1	1	1	0	0	0	0	3	5	8	6	8	8	5	7	7	6	8	8	7	8	6	6	8	24	8.	
9	6IT	5IT	5IT	7IT	4IT	7IT	7IT	9IT	12IT	14IT	29IT	32IT	16IT	13IT	6IT	6IT	4IT	1IT	3IT	2IT	1IT	1IT	0IT	0IT	24	32.	
10	0	1	1	0	0	0	0	0	2	1	0	2	3	3	3	5	5	3	4	5	4	4	3	3	24	5.	
11	3	1	2	1	1	1	1	2	7	8	7	12	16	6	13	14	13	13	12	9	7	7	6	5	24	16.	
12	3	3	3	2	1	2	1	1	1	2	3	2	1	2	4	3	5	3	5	2	1	1	0	0	24	5.	
13	0	0	0	0	0	-1	-1	0	2	2	3	6	5	4	3	3	4	7	7	5	5	6	6	6	24	7.	
14	5	6	6	5	4	6	4	6	4	6	4	3	3	4	6	5	4	3	4	3	5	7	5	7	24	7.	
15	3IT	2IT	2IT	1IT	1IT	1IT	1IT	3IT	7IT	9IT	6IT	9IT	11IT	17IT	17IT	20IT	15IT	13IT	11IT	9IT	9IT	8IT	7IT	6IT	24	20.	
16	6IT	5IT	4IT	4IT	4IT	4IT	3IT	6IT	11IT	23IT	AZ	AZ	BA	BA	17IT	18IT	15IT	14IT	9IT	10IT	10IT	10IT	10IT	9IT	20	23.	
17	6IT	7IT	6IT	5IT	4IT	3IT	3IT	7IT	11IT	12IT	16IT	18IT	20IT	12IT	16IT	16IT	11IT	10IT	10IT	9IT	8IT	8IT	7IT	6IT	24	20.	
18	5IT	4IT	5IT	5IT	3IT	3IT	3IT	6IT	10IT	21IT	28IT	61IT	73IT	70IT	56IT	53IT	43IT	44IT	43IT	41IT	34IT	32IT	28IT	27IT	24	73.	
19	24IT	22IT	20IT	17IT	15IT	14IT	14IT	16IT	20IT	25IT	24IT	22IT	20IT	24IT	26IT	16IT	13IT	6IT	4IT	4IT	2IT	1IT	2IT	1IT	24	26.	
20	1	1	1	1	1	0	0	0	1	1	2	3	2	3	4	3	4	3	3	2	1	0	0	0	24	4.	
21	0	0	0	0	0	0	0	1	2	2	3	3	3	2	2	3	3	2	2	2	2	2	0	0	24	3.	
22	0	0	0	-1	-1	0	0	0	2	1	1	3	4	3	2	4	6	5	3	2	1	1	0	0	24	6.	
23	0IT	0IT	0IT	-1IT	-1IT	-1IT	-1IT	0IT	2IT	4IT	6IT	13IT	9IT	7IT	8IT	10IT	8IT	6IT	7IT	8IT	8IT	7IT	7IT	6IT	24	13.	
24	5IT	7IT	7IT	5IT	8IT	7IT	8IT	6IT	8IT	11IT	11IT	11IT	14IT	15IT	11IT	12IT	16IT	13IT	12IT	11IT	10IT	12IT	13IT	13IT	24	16.	
25	9IT	9IT	10IT	10IT	10IT	8IT	10IT	11IT	13IT	15IT	18IT	20IT	21IT	15IT	18IT	14IT	16IT	15IT	12IT	16IT	15IT	17IT	14IT	15IT	24	21.	
26	11	7	4	5	3	3	7	6	1	3	4	3	5	5	4	3	2	2	1	2	1	1	0	0	24	11.	
27	0	0	0	0	0	0	0	0	1	2	4	3	3	4	3	4	2	4	2	2	1	1	1	1	24	4.	
28	1IT	1IT	1IT	0IT	0IT	0IT	0IT	1IT	3IT	6IT	4IT	5IT	7IT	5IT	5IT	8IT	8IT	7IT	8IT	8IT	8IT	8IT	7IT	6IT	24	8.	
29	5	5	5	9	8	10	9	12	13	12	14	16	12	11	11	12	10	14	13	13	6	7	7	7	24	16.	
30	8	6	6	7	10	13	19	19	20	16	AX	AX	BA	BA	15	14	10	10	14	13	12	13	13	2	20	20.	
31																										0	
NO.:	26	26	26	26	26	26	26	26	26	26	24	24	24	25	27	27	27	27	27	27	27	27	27	27	27		
MAX:	24.	22.	20.	17.	15.	14.	19.	19.	20.	25.	29.	61.	73.	70.	56.	53.	43.	44.	43.	41.	34.	32.	28.	27.			
AVG:	4.3	3.8	3.7	3.3	3.1	3.3	3.7	4.8	6.5	8.3	8.5	11.0	11.4	9.8	10.3	10.0	9.1	8.6	8.1	7.7	6.6	6.6	5.8	5.2			
MONTHLY OBSERVATIONS:	627				MONTHLY MEAN:				6.8				MONTHLY MAX:				73.										

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

(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: DECEMBER 2016

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	6	4	3	3	5	5	5	6	6	5	6	6	4	6	8	8	8	7	5	6	7	4	3	3	24	8.
2	2	2	1	0	1	0	0	1	4	5	3	3	3	4	4	3	4	4	5	3	3	2	3	3	24	5.
3	2	1	2	2	1	0	1	1	2	3	3	3	3	3	5	8	7	4	4	4	8	8	4	4	24	8.
4	4	4	3	2	2	3	3	2	2	3	3	3	5	4	4	5	3	4	4	3	3	2	3	3	24	5.
5	2	2	1	0	1	1	1	1	2	2	3	2	2	0	1	4	4	2	1	5	3	3	4	4	24	5.
6	3	3	2	2	2	2	2	3	3	3	3	2	1	1	1	0	1	0	0	0	0	0	0	1	24	3.
7	1	0	1	1	1	0	1	1	2	3	3	2	3	3	7	6	6	6	6	5	6	6	5	4	24	7.
8	5	4	4	6	5	6	6	7	5	5	4	2	3	2	3	2	2	2	1	2	2	2	1	1	24	7.
9	0	0	0	0	0	0	0	0	AX	AX	BA	BA	0	1	2	1	1	0	0	0	0	0	0	0	20	2.
10	0	-1	0	-1	-1	-2	-3 6	-2 6	0	0	1	1	1	2	1	2	2	0	0	-1	-1	-2	-3	-4	24	2.
11	-4	-4	-5	-4	-4	-4	-4 6	-4	0	2	3	3	4	3	3	3	5	2	3	4	4	4	3	2	24	5.
12	2	2	2	2	2	3	4	3	5	7	11	11	10	10	12	13	10	7	7	10	7	6	4	4	24	13.
13	3	3	2	2	0	2	3	2	5	4	4	6	9	7	6	6	5	5	6	7	7	5	7	6	24	9.
14	5	6	6	4	5	3	3	3	4	2	2	1	2	2	2	2	4	3	2	4	4	2	2	1	24	6.
15	0	0	0	0	0	1	1	1	1	2	1	1	1	1	1	0	0	0	0	0	0	-1 6	-1 6	-1 6	24	2.
16	-1 6	-2 6	-1 6	-1 6	-1 6	-1 6	-1 6	-1 6	0 6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0.
17	0	-1	0	0	0	0	0	0	0	0	2	3	5	6	7	8	7	7	8	8	8	7	6	8	24	8.
18	7	7	6	5	5	8	8	6	9	10	12	11	10	12	11	6	6	5	4	3	2	1	1	0	24	12.
19	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0	24	2.
20	1	0	0	0	0	0	0	0	0	1	1	2	2	2	2	3	2	2	1	0	0	0	-1	-1	24	3.
21	-1	-1	-2	-1	-1	-1	-1	-1	3	5	4	4	4	7	6	7	7	6	6	4	4	2	1	2	24	7.
22	2	2	1	2	2	2	2	2	4	6	9	8	10	11	13	12	9	9	7	6	4	4	2	2	24	13.
23	2	3	2	0	0	0	0	1	2	3	4	5	5	7	5	5	5	4	3	6	5	4	5	4	24	7.
24	4	6	6	7	5	5	6	4	4	5	6	8	11	12	12	12	11	10	10	11	12	10	9	8	24	12.
25	9	9	10	9	9	7	9	7	5	4	4	4	4	6	4	3	4	5	5	5	7	5	6	4	24	10.
26	5	4	2	2	3	3	3	3	4	4	4	5	4	5	5	6	8	7	8	7	6	6	6	7	24	8.
27	6	7	5	5	6	5	4	3	3	5	4	4	4	7	9	10	7	9	8	8	8	8	8	4	24	10.
28	2	3	2	2	2	1	2	3	AX	AX	BA	BA	3	0	1	1	3	5	4	4	2	2	1	1	20	5.
29	1	2	2	1	2	3	2	2	3	4	6	7	5	5	6	4	2	2	2	0	1	1	1	1	24	7.
30	1	2	1	1	1	1	0	0	1	2	1	1	1	1	1	1	2	1	1	0	0	0	0	0	24	2.
31	0	-1	-1	-2	-2	-1	-1	-1	0	2	2	2	2	3	3	2	3	3	2	2	3	3	3	2	24	3.
NO.:	31	31	31	31	31	31	31	31	29	29	29	29	31	31	31	31	31	31	31	31	31	31	31	31	31	
MAX:	9.	9.	10.	9.	9.	8.	9.	7.	9.	10.	12.	11.	11.	12.	13.	13.	11.	10.	10.	11.	12.	10.	9.	8.		
AVG:	2.3	2.2	1.8	1.6	1.7	1.7	1.8	1.7	2.8	3.4	3.8	3.8	3.9	4.3	4.7	4.7	4.5	4.0	3.7	3.8	3.7	3.1	2.7	2.4		

MONTHLY OBSERVATIONS: 736 MONTHLY MEAN: 3.1 MONTHLY MAX: 13.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that 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

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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2016

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE: 4

HOURLY																									MAXIMUM		
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	7	6	4	3	4	3	2	1	0	0	0	3	5	5	6	5	5	10	12	8	4	4	24	12.	
2	4	3	3	4	5	4	7	6	10	7	4	7	4	1	3	5	4	7	10	25	27	21	16	17	24	27.	
3	13	11	10	12	15	14	18	14	10	8	5	3	1	0	1	1	3	9	16	10	16	13	8	7	24	18.	
4	6	7	6	5	4	6	3	5	5	7	5	4	1	1	4	2	2	2	3	5	6	5	4	4	24	7.	
5	3	4	3	2	4	3	1	3	4	4	2	3	5	3	1	4	25	3	8	7	6	6	6	5	24	25.	
6	7	7	6	5	7	4	7	10	8	6	6	8	8	12	8	8	10	7	10	8	10	11	12	12	24	12.	
7	9	9	10	9	9	7	9	12	10	10	7	6	4	7	8	12	13	14	11	10	10	12	8	12	24	14.	
8	9	7	6	9	8	4	5	5	8	11	7	6	5	4	2	5	8	6	6	9	6	7	7	7	24	11.	
9	4	3	2	3	5	4	3	4	2	2	4	4	3	2	2	1	2	3	2	2	1	5	5	3	24	5.	
10	0	1	2	1	3	2	2	5	2	2	2	2	5	5	4	5	6	4	2	3	3	2	5	5	24	6.	
11	3	9	7	6	6	3	2	5	6	5	5	AX	AX	BA	5	4	2	8	9	8	18	19	26	40	21	40.	
12	31	29	23	24	15	15	11	13	16	15	10	8	8	6	5	8	6	8	6	8	13	11	14	8	24	31.	
13	16	13	9	6	4	4	5	10	8	10	8	6	3	3	6	5	5	8	9	19	22	16	18	18	24	22.	
14	13	12	13	13	13	9	9	11	20	17	10	16	14	11	7	7	9	11	13	12	10	15	17	13	24	20.	
15	12	10	10	14	19	16	16	12	19	27	32	29	32	25	20	15	14	13	11	8	8	15	9	8	24	32.	
16	8	9	8	8	11	10	13	18	8	10	10	7	9	9	5	3	10	9	8	8	8	8	6	3	24	18.	
17	4	3	3	4	1	2	2	6	4	1	3	3	3	4	5	5	6	7	6	9	10	12	13	10	24	13.	
18	7	7	9	9	5	4	5	7	6	4	5	6	8	6	4	4	4	9	9	10	12	8	7	8	24	12.	
19	6	5	4	5	3	8	7	8	7	7	6	6	4	5	4	6	5	10	13	11	12	19	10	24	19.		
20	17	20	19	15	13	13	13	11	21	17	15	11	11	10	11	17	12	13	18	17	16	21	20	17	24	21.	
21	19	14	20	22	19	13	13	14	12	9	8	7	6	4	7	6	4	8	11	22	22	20	20	14	24	22.	
22	22	21	14	11	10	19	14	11	15	15	16	14	14	14	12	11	14	12	14	19	18	10	10	10	24	22.	
23	8	8	11	8	6	8	7	8	7	5	8	7	12	8	6	6	10	10	9	9	13	12	9	10	24	13.	
24	8	9	9	7	6	10	9	8	7	6	7	8	7	6	10	10	15	15	22	27	31	41	44	60	24	60.	
25	53	37	28	21	18	17	17	15	20	21	22	21	16	13	14	11	11	10	23	20	22	19	21	19	24	53.	
26	26	26	21	15	18	19	15	16	15	14	11	AX	AX	BA	15	15	19	23	22	34	29	20	20	20	21	34.	
27	19	21	21	19	16	17	18	17	13	9	8	7	6	8	6	8	7	8	8	12	20	21	13	16	24	21.	
28	15	10	11	13	8	11	9	11	17	14	16	17	19	18	21	16	12	20	19	19	28	25	21	22	24	28.	
29	19	15	18	12	17	16	13	13	17	16	7	6	5	6	3	1	3	3	8	8	12	14	18	15	24	19.	
30	17	16	14	11	11	13	18	20	19	13	11	9	8	7	8	7	6	5	14	12	29	31	32	27	24	32.	
31	17	21	14	22	10	16	12	8	14	16	21	13	12	9	5	8	8	9	9	8	10	13	12	10	24	22.	
NO.:	31	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.	37.	28.	24.	19.	19.	18.	20.	21.	27.	32.	29.	32.	25.	21.	17.	25.	23.	34.	31.	41.	44.	60.				
AVG:	13.0	12.1	11.0	10.4	9.5	9.5	9.3	10.0	10.7	9.9	9.1	8.4	8.1	7.2	7.0	7.1	8.3	8.9	10.6	12.5	14.9	14.6	14.4	14.0			

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 10.5 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: 37-081-0013 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

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2016

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	10	12	15	12	14	14	19	14	15	16	12	9	10	10	13	16	20	13	13	10	7	10	24	20		
2	14	9	11	10	6	9	9	10	7	8	8	8	5	5	8	8	10	14	14	13	16	18	14	14	24	18		
3	11	10	10	10	11	10	8	5	6	5	6	13	4	0	1	3	3	4	3	2	3	1	1	4	24	13		
4	4	2	2	1	0	2	4	5	7	9	6	5	7	6	9	6	6	5	8	7	4	10	7	4	24	10		
5	9	7	8	7	6	5	6	7	5	4	4	3	2	2	4	3	0	1	5	9	8	7	10	9	24	10		
6	6	10	10	10	10	10	6	6	6	9	12	8	4	4	5	2	2	5	9	14	24	25	33	29	24	33		
7	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0	0	
8	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AX	AX	BA	BA	16	12	13	20	22	25	18	8	8	25	8	
9	6	4	6	6	6	6	5	7	6	5	5	4	6	7	6	8	8	8	7	4	6	5	5	6	24	8		
10	7	8	4	9	7	9	13	12	10	8	7	7	9	9	10	7	10	11	9	7	9	6	11	9	24	13		
11	7	7	6	6	7	8	12	14	13	11	8	9	7	7	10	9	11	11	18	33	15	17	11	15	24	33		
12	12	9	7	11	10	10	10	10	7	7	10	10	8	10	17	15	18	20	21	18	19	26	28	20	24	28		
13	9	5	8	11	8	7	10	11	11	9	7	12	9	7	8	8	7	13	9	8	7	9	8	5	24	13		
14	5	9	8	9	5	5	5	6	5	3	5	4	5	5	8	6	9	13	12	10	11	7	4	8	24	13		
15	8	9	10	10	10	12	13	11	8	8	10	7	9	9	9	7	6	7	12	14	9	12	11	9	24	14		
16	8	8	7	7	7	5	6	7	9	10	8	10	5	1	9	12	8	6	12	9	7	8	10	8	24	12		
17	5	9	8	10	9	8	6	7	9	8	6	5	1	1	6	5	5	3	3	4	6	7	7	13	24	13		
18	9	13	11	13	9	12	11	11	9	9	5	9	6	3	5	8	5	4	8	8	10	15	12	13	24	15		
19	15	12	15	18	16	10	11	13	15	15	15	8	15	12	14	11	11	12	11	17	12	11	15	13	24	18		
20	9	12	14	19	14	15	21	12	16	19	19	22	17	24	21	28	29	25	28	31	28	26	24	24	24	31		
21	25	28	21	26	25	20	20	18	18	15	18	18	12	17	21	21	18	26	25	26	20	17	18	21	24	28		
22	19	16	16	20	18	17	13	11	13	13	17	21	17	17	14	17	18	21	18	11	16	8	9	10	24	21		
23	11	7	8	5	5	8	10	8	7	6	6	4	2	4	6	6	5	5	9	7	7	7	8	8	24	11		
24	6	4	6	4	4	4	3	4	4	4	2	2	10	12	15	9	22	24	15	9	14	11	7	4	24	24		
25	5	3	4	5	2	4	5	2	6	6	2	2	AZ	AZ	BA	3	3	2	0	12	7	1	4	4	21	12		
26	2	5	4	5	4	4	7	6	5	9	7	6	5	3	2	2	6	4	6	6	9	8	18	12	24	18		
27	13	15	13	19	17	12	15	13	16	8	7	5	8	10	9	8	10	7	14	24	38	35	39	51	24	51		
28	40	29	25	22	21	21	20	9	14	12	12	12	13	12	7	6	6	9	14	14	13	16	16	14	24	40		
29	18	19	15	18	24	25	20	19	19	19	13	17	12	11	9	9	9	10	13	18	12	18	23	20	24	25		
30																										0	0	
31																											0	0
NO.:	27	27	27	27	27	27	27	27	27	27	27	27	26	26	26	27	28	28	28	28	28	28	28	28	28	24	28	
MAX:	40.	29.	25.	26.	25.	25.	21.	19.	19.	19.	19.	22.	17.	24.	21.	28.	29.	26.	28.	33.	38.	35.	39.	51.	24	51.		
AVG:	11.0	10.3	9.9	11.2	10.2	10.0	10.5	9.6	10.0	9.4	8.9	9.1	8.1	8.0	9.3	8.8	9.8	10.6	12.0	13.1	13.0	13.1	13.5	13.0	24	31.0		

MONTHLY OBSERVATIONS: 653 MONTHLY MEAN: 10.5 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
 AOCR: (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: MARCH 2016

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	15	15	10	11	10	10	10	12	11	15	23	12	17	18	16	19	22	20	19	23	29	31	25	24	31.	
2	23	7	4	7	6	5	11	7	5	3	6	5	4	1	0	6	6	5	6	7	5	8	7	8	24	23.	
3	7	9	7	7	5	6	8	7	6	6	AX	AX	BA	3	6	6	5	7	10	8	9	9	9	6	21	10.	
4	10	8	10	12	15	18	15	13	13	13	8	7	5	4	6	5	2	1	3	6	5	5	6	9	24	18.	
5	13	12	11	10	12	9	8	7	6	7	9	6	7	8	6	7	6	10	21	17	10	12	18	18	24	21.	
6	18	19	20	19	15	15	13	10	6	4	5	5	4	4	3	3	5	7	5	8	17	18	21	18	24	21.	
7	9	15	9	9	9	16	19	14	15	14	14	10	7	14	14	11	10	18	18	20	18	24	17	16	24	24.	
8	9	11	12	13	17	15	14	23	16	11	15	13	11	14	14	12	17	16	16	19	22	22	21	19	24	23.	
9	22	21	24	25	23	21	19	13	14	14	19	19	16	13	25	26	26	34	21	20	15	17	16	13	24	34.	
10	16	20	15	15	15	15	14	14	19	18	20	25	22	20	21	19	28	30	21	20	26	29	25	21	24	30.	
11	18	22	21	22	22	21	16	21	18	29	22	15	18	19	4	7	15	11	11	17	23	21	17	21	24	29.	
12	24	21	21	19	13	20	11	9	8	5	8	10	18	21	19	28	25	28	23	23	23	30	18	25	24	30.	
13	26	21	19	21	19	18	20	19	17	16	17	21	17	17	15	17	22	22	16	9	12	13	8	4	24	26.	
14	4	4	5	10	12	8	4	5	4	6	10	10	14	15	15	15	17	15	8	11	7	13	13	9	24	17.	
15	5	4	4	2	4	4	3	3	4	AX	AX	AX	BA	BA	BA	4	10	7	7	10	11	17	23	16	18	23.	
16	18	13	16	9	11	13	16	16	28	30	28	22	24	24	19	20	32	28	29	13	16	7	8	14	24	32.	
17	8	13	9	5	4	7	12	10	6	6	5	4	2	10	11	11	14	12	16	13	12	13	11	24	16.		
18	10	12	14	13	9	10	12	10	15	6	10	9	9	8	8	9	9	10	9	16	30	32	31	23	24	32.	
19	21	27	22	19	20	17	23	17	15	11	12	14	9	10	10	11	12	10	7	10	6	7	7	5	24	27.	
20	7	7	10	9	9	6	4	8	9	7	5	6	7	6	12	9	15	9	9	13	9	14	14	13	24	15.	
21	11	15	12	12	8	12	16	8	16	10	14	10	11	9	7	6	25	13	9	6	7	8	8	9	24	25.	
22	7	6	11	12	15	12	12	17	14	10	10	12	12	11	15	11	15	13	12	15	17	18	23	21	24	23.	
23	15	23	24	22	22	20	20	27	24	22	16	18	21	16	18	24	17	25	27	23	20	18	23	24	24	27.	
24	22	20	21	20	21	25	20	20	25	28	33	41	25	33	30	35	26	21	18	27	25	22	20	19	24	41.	
25	19	19	18	16	13	11	15	14	18	18	22	17	18	20	17	15	15	19	19	16	20	20	19	17	24	22.	
26	14	18	22	20	11	17	16	13	14	11	11	21	13	17	15	20	16	19	17	14	15	17	11	13	24	22.	
27	9	17	12	12	13	9	11	10	12	11	13	8	4	2	12	11	9	7	5	2	3	3	1	4	24	17.	
28	5	4	1	0	2	2	1	3	6	7	15	20	11	8	9	8	6	4	7	8	10	9	9	7	24	20.	
29	7	10	8	11	8	12	12	7	11	10	7	6	6	6	8	7	7	4	9	8	9	11	14	13	24	14.	
30	13	8	6	5	5	9	7	5	8	13	15	12	13	10	13	10	16	17	19	15	14	15	12	15	24	19.	
31	15	11	11	13	10	13	17	17	16	19	15	17	13	17	21	20	20	16	20	19	16	12	11	8	24	21.	
NO.:	31	31	31	31	31	31	31	31	31	30	29	29	29	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	26.	27.	24.	25.	23.	25.	23.	27.	28.	30.	33.	41.	25.	33.	30.	35.	32.	34.	29.	30.	32.	31.	31.	25.			
AVG:	13.6	13.9	13.4	12.9	12.2	12.8	12.9	12.2	12.9	12.5	13.8	14.0	12.2	12.6	13.0	13.2	15.0	14.9	14.0	14.0	14.7	15.9	15.3	14.3			

MONTHLY OBSERVATIONS: 735 MONTHLY MEAN: 13.6 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.

(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 IN CALENDAR YEAR 2015.
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

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

REPORT FOR: APRIL 2016
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	9	10	8	10	15	8	3	5	4	AX	BA	BA	7	8	6	5	6	5	2	8	7	3	7	21	15.	
2	5	3	7	10	9	7	9	12	8	13	16	13	12	17	18	20	13	11	13	11	17	10	7	9	24	20.	
3	14	31	35	22	16	14	9	6	8	6	3	5	6	6	5	1	0	4	6	10	12	10	9	7	24	35.	
4	10	7	7	7	6	7	8	13	17	12	10	7	12	15	13	19	21	17	14	12	16	15	13	20	24	21.	
5	16	21	15	13	18	17	12	9	10	8	6	9	9	7	8	8	25	6	9	10	8	8	9	9	24	25.	
6	10	7	5	5	9	12	9	25	18	13	11	9	21	6	14	21	24	12	14	12	11	12	13	15	24	25.	
7	19	13	12	13	8	6	7	6	8	AX	AX	BA	BA	BC	BC	18	26	20	11	9	7	7	6	5	18	26.	
8	7	7	9	6	3	5	8	25	9	9	7	5	5	4	6	6	10	8	8	15	11	11	7	19	24	25.	
9	2	5	3	2	5	7	10	10	13	25	20	8	24	AV	15	14	9	7	7	7	4	4	7	6	23	25.	
10	4	6	4	6	4	7	4	11	8	6	9	5	5	6	6	5	3	9	7	13	9	8	10	9	24	13.	
11	11	9	12	10	9	12	9	14	16	20	14	19	20	20	23	26	21	22	17	19	17	24	19	21	24	26.	
12	17	13	11	9	7	9	7	4	11	11	10	8	10	7	9	12	8	11	10	10	12	10	8	9	24	17.	
13	10	12	13	12	14	12	12	17	13	13	11	AX	BA	BC	9	12	21	9	10	12	13	14	9	9	21	21.	
14	12	10	10	11	13	10	12	21	10	10	13	14	11	16	17	21	16	14	13	10	12	11	10	11	24	21.	
15	10	9	11	9	6	8	9	7	10	15	9	16	9	10	9	9	8	5	10	9	10	8	14	9	24	16.	
16	8	6	4	3	4	7	7	6	8	9	6	9	7	7	9	7	5	18	9	9	10	14	17	12	24	18.	
17	12	14	19	15	16	14	11	14	14	14	8	9	8	10	9	7	9	10	10	9	20	20	17	17	24	20.	
18	15	16	16	14	11	15	9	18	14	13	13	12	15	11	11	10	19	14	8	18	22	20	21	21	24	22.	
19	17	12	16	10	14	12	17	28	13	16	18	13	14	20	14	33	33	10	40	20	26	23	18	21	24	40.	
20	20	28	34	20	15	13	12	16	28	17	17	17	13	16	15	15	24	22	17	24	23	18	19	20	24	34.	
21	21	15	24	27	33	35	34	33	41	42	AX	BA	BA	BC	32	39	35	39	25	23	24	23	23	22	20	42.	
22	22	21	18	13	16	17	16	18	15	8	9	12	13	19	14	18	13	7	5	5	9	9	9	6	24	22.	
23	2	10	9	6	5	9	7	8	15	15	7	16	7	7	12	11	5	0	2	10	11	9	5	12	24	16.	
24	8	12	11	10	10	11	14	21	10	9	6	6	9	13	12	12	8	9	11	9	10	12	10	9	24	21.	
25	9	11	11	8	12	16	14	17	19	38	18	16	9	14	22	18	30	13	19	15	13	13	17	15	24	38.	
26	13	14	17	13	11	13	12	21	18	15	16	19	10	17	20	18	28	19	15	17	18	21	17	19	24	28.	
27	16	15	16	16	14	13	14	26	24	22	26	23	21	18	24	28	26	21	17	20	19	14	20	10	24	28.	
28	14	10	12	16	6	15	20	21	26	31	23	27	23	18	22	19	24	16	16	9	10	14	16	15	24	31.	
29	8	4	3	5	3	6	4	0	3	4	13	9	9	9	11	8	11	15	15	15	16	17	13	14	24	17.	
30	10	17	9	13	14	7	4	3	5	4	2	2	5	6	6	8	17	13	12	13	16	11	6	3	24	17.	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	29	27	26	26	26	29	30	30	30	30	30	30	30	30	30	30	30	
MAX:	22.	31.	35.	27.	33.	35.	34.	33.	41.	42.	26.	27.	24.	20.	32.	39.	35.	39.	40.	24.	26.	24.	23.	22.			
AVG:	11.6	12.2	12.8	11.1	10.7	11.7	10.9	14.4	13.9	14.6	11.9	11.8	11.8	11.8	13.6	15.0	16.6	12.9	12.5	12.6	13.8	13.2	12.4	12.7			

MONTHLY OBSERVATIONS: 703 MONTHLY MEAN: 12.8 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: 37-081-0013 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
 COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
 PQA0: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2016

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	3	18	16	13	17	15	11	14	10	7	5	6	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	13	10	8	14	16	18.	
2	13	9	7	6	7	6	10	6	12	10	13	10	8	11	10	17	20	10	11	10	13	11	11	AJ	23	20.	
3	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	11	9	9	7	9	12	8	10	10	14	11	11	14.	
4	15	13	14	12	13	12	14	9	6	9	13	8	5	7	13	7	6	7	9	12	10	10	13	24	15.		
5	12	9	7	9	9	9	6	7	5	7	4	3	5	5	5	6	5	5	10	6	4	5	6	6	24	12.	
6	3	3	2	3	3	2	4	3	4	7	12	7	7	10	12	13	11	8	15	8	9	6	9	8	24	15.	
7	8	9	8	7	6	10	7	6	7	8	7	8	9	8	12	8	19	11	12	17	11	9	7	6	24	19.	
8	10	12	10	8	9	18	5	16	11	12	8	6	10	14	13	13	12	11	14	12	11	9	9	11	24	18.	
9	13	13	14	14	15	13	14	14	20	24	25	AX	AX	BA	BA	BA	27	20	20	22	20	22	21	19	19	27.	
10	19	22	21	17	17	15	14	15	20	17	21	AX	AX	BA	BA	BC	BC	23	23	22	22	26	19	19	18	26.	
11	19	18	12	16	15	16	16	18	26	28	24	29	24	22	23	21	19	14	12	9	13	12	13	14	24	29.	
12	15	21	28	27	20	22	22	16	12	12	16	17	18	18	17	14	14	16	11	9	8	7	11	7	24	28.	
13	6	11	7	8	7	10	11	12	9	13	9	12	8	7	7	8	6	6	10	12	7	13	16	13	24	16.	
14	15	8	11	8	9	9	9	13	9	7	10	8	10	9	10	6	2	9	9	7	8	7	7	5	24	15.	
15	5	5	5	4	6	6	10	8	5	3	6	7	7	5	4	6	4	5	5	9	6	5	8	10	24	10.	
16	8	22	9	7	7	4	3	5	9	7	8	8	8	7	8	7	11	8	8	7	10	17	11	13	24	22.	
17	11	12	12	12	13	14	11	12	13	8	10	7	6	6	7	8	6	11	12	10	12	10	9	11	24	14.	
18	7	12	12	11	8	7	4	4	4	3	5	9	9	4	3	6	9	7	8	7	7	8	10	6	24	12.	
19	5	6	7	8	7	11	15	14	14	13	18	18	13	15	16	11	7	7	9	11	9	11	14	11	24	18.	
20	13	8	6	11	12	11	7	8	8	8	5	6	7	7	6	13	9	9	13	8	14	9	7	8	24	14.	
21	6	1	2	3	3	2	2	3	6	4	5	3	0	2	6	10	7	4	6	7	11	7	28	11	24	28.	
22	8	8	8	2	-2	0	1	37	55	4	4	4	2	2	3	13	7	3	4	4	11	10	9	9	24	55.	
23	8	6	9	7	9	6	9	67	8	4	AV	0	0	0	0	2	3	6	9	7	5	5	7	23	67.		
24	6	3	8	6	6	7	6	6	9	12	10	7	3	6	10	14	10	9	11	13	9	5	13	12	24	14.	
25	11	13	12	9	12	13	20	90	18	14	12	15	11	13	12	11	10	8	14	21	21	21	18	17	24	90.	
26	14	15	18	18	23	27	19	21	24	24	23	AZ	AZ	AZ	21	23	17	21	AJ	AJ	AJ	AJ	AJ	AJ	15	27.	
27	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	23	23	24	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	3	24.
28	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0	
29	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0	
30	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	0	
31	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	5	8	8	8	3	AJ	AJ	AJ	AJ	5	8.
NO.:	25	25	25	25	25	25	25	25	25	25	24	23	22	23	23	23	25	26	25	25	26	25	25	24			
MAX:	19.	22.	28.	27.	23.	27.	22.	90.	55.	28.	25.	29.	24.	24.	23.	23.	27.	23.	22.	22.	26.	28.	19.				
AVG:	10.1	11.1	10.6	9.8	10.0	10.6	10.0	17.0	13.0	10.6	11.4	9.6	8.8	9.2	9.6	10.9	10.1	9.7	10.8	10.6	10.8	10.6	11.7	10.9			

MONTHLY OBSERVATIONS: 589 MONTHLY MEAN: 10.7 MONTHLY MAX: 90.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that 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: JULY 2016

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

HOURLY																													
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	7	6	11	15	7	11	16	8	6	9	8	9	10	8	8	4	5	11	8	10	8	8	8	24	16.			
2	7	13	9	13	14	13	10	11	12	15	15	12	18	14	7	13	11	11	14	15	17	7	13	8	24	18.			
3	4	8	3	-1	3	4	2	2	2	4	3	3	4	8	10	7	7	12	12	21	11	24	23	29	24	29.			
4	17	7	10	14	8	3	1	1	0	2	3	5	11	12	15	18	15	19	27	19	13	37	18	18	24	37.			
5	17	10	13	8	13	11	13	20	21	22	23	19	16	12	19	6	10	5	4	7	7	8	13	8	24	23.			
6	6	3	10	14	11	13	8	6	5	AX	BA	6	4	3	0	-3	-2	0	0	1	1	0	7	9	22	14.			
7	14	12	14	12	16	11	8	4	1	0	1	3	1	6	4	7	10	8	4	4	5	1	0	3	24	16.			
8	4	6	8	12	8	10	6	7	9	13	9	14	12	14	21	20	11	15	15	13	12	8	11	8	24	21.			
9	8	7	9	10	10	11	10	8	11	7	6	11	7	4	3	1	3	5	4	9	10	7	9	14	24	14.			
10	8	13	16	10	11	7	8	6	5	5	3	0	2	5	5	6	2	1	11	10	11	10	5	12	24	16.			
11	13	9	5	6	7	10	7	7	8	5	19	11	11	6	12	8	8	21	13	6	2	2	1	2	24	21.			
12	5	5	7	12	14	9	5	7	9	8	6	7	5	3	4	3	11	9	8	4	1	4	6	11	24	14.			
13	11	10	5	10	12	10	14	18	30	36	31	36	38	31	37	38	34	34	32	32	26	19	18	18	24	38.			
14	28	20	20	25	31	30	25	22	29	21	18	8	20	21	20	17	20	15	13	11	9	11	13	14	24	31.			
15	15	18	15	20	12	10	7	6	2	AX	BA	BA	BA	BA	7	10	8	1	4	4	0	2	4	2	19	20.			
16	1	1	6	7	4	5	8	4	0	2	8	6	8	8	6	5	8	12	7	-4	5	7	15	14	24	15.			
17	9	7	9	9	16	14	8	2	2	0	2	4	4	1	0	1	8	5	2	13	8	6	11	6	24	16.			
18	6	11	11	5	6	8	6	3	9	5	7	6	6	8	8	7	5	7	13	11	9	6	4	9	24	13.			
19	9	6	7	10	10	9	6	6	8	5	7	7	8	6	5	10	12	10	9	10	11	14	8	6	24	14.			
20	5	4	7	10	8	11	11	5	7	10	10	10	10	10	11	BA	BA	10	12	16	13	13	14	16	22	16.			
21	14	13	21	13	10	10	9	21	11	15	13	10	14	11	10	16	18	16	13	12	8	7	11	8	24	21.			
22	13	11	8	11	7	8	10	7	13	9	14	10	9	6	8	9	10	10	10	10	12	11	10	8	24	14.			
23	5	6	5	4	7	8	9	10	7	14	11	11	15	8	18	8	7	11	6	8	14	8	13	7	24	18.			
24	7	6	6	6	8	11	7	8	13	11	13	18	11	11	7	8	6	7	8	8	5	2	15	15	24	18.			
25	15	12	12	12	10	8	10	17	23	22	19	12	8	15	11	10	10	18	21	14	8	7	12	11	24	23.			
26	10	12	11	16	17	11	11	12	13	18	11	8	15	13	12	15	19	4	3	2	3	2	2	2	24	19.			
27	4	7	8	10	7	11	11	12	14	13	11	14	7	6	6	19	9	10	6	2	0	3	4	2	24	19.			
28	5	4	2	8	7	5	10	7	14	20	12	14	13	13	12	15	11	12	12	9	15	11	12	24	20.				
29	10	8	8	4	3	7	5	2	1	AX	BA	BA	BA	3	4	4	5	6	3	4	5	1	2	6	20	10.			
30	6	3	2	4	3	2	3	4	8	5	6	5	8	10	7	1	2	10	6	10	8	5	6	7	24	10.			
31	6	11	9	10	8	5	8	5	9	6	3	3	5	4	8	10	11	11	6	2	0	0	0	-2	24	11.			
NO.:	31	31	31	31	31	31	31	31	31	28	28	29	29	30	31	30	30	31	31	31	31	31	31	31	24	11.			
MAX:	28.	20.	21.	25.	31.	30.	25.	22.	30.	36.	31.	36.	38.	31.	37.	38.	34.	34.	32.	32.	26.	37.	23.	29.					
AVG:	9.5	8.7	9.1	10.2	10.2	9.4	8.6	8.6	9.8	10.7	10.5	9.7	10.3	9.4	9.9	9.9	9.9	10.3	9.8	9.6	8.1	8.3	9.3	9.4					

MONTHLY OBSERVATIONS: 731 MONTHLY MEAN: 9.5 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.

(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 2016

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	7	5	4	2	2	3	4	3	2	AX	AX	BA	11	8	8	11	7	6	3	2	1	1	7	8	21	11.	
2	6	8	8	8	9	10	7	9	10	8	9	5	2	2	6	5	7	6	0	0	3	5	5	3	24	10.	
3	3	4	2	4	3	0	0	1	3	3	2	2	3	0	3	5	8	6	3	4	8	5	0	-2	24	8.	
4	0	0	3	4	1	0	0	6	5	5	5	6	5	5	4	3	4	6	4	7	5	6	9	12	24	12.	
5	7	8	7	4	0	2	4	0	0	10	8	5	6	4	3	2	3	9	5	2	7	7	5	5	24	10.	
6	5	5	7	4	6	6	3	1	0	2	2	10	9	4	1	2	4	12	9	9	10	10	8	11	24	12.	
7	11	8	5	4	4	6	5	6	10	17	12	10	11	9	6	9	6	11	11	12	10	14	10	8	24	17.	
8	12	13	12	7	5	7	8	8	12	11	9	14	12	8	4	5	7	7	16	17	11	15	13	10	24	17.	
9	17	14	16	17	13	12	21	21	21	22	22	19	16	17	14	9	12	17	10	18	11	23	26	23	24	26.	
10	15	18	20	19	14	18	24	21	23	28	26	21	19	18	20	13	23	18	24	19	22	19	21	20	24	28.	
11	13	17	22	18	16	13	12	18	12	6	0	-1	1	0	-1	0	0	7	5	0	-3	-1	2	1	24	22.	
12	0	1	5	2	-2	1	3	5	4	4	6	AX	AX	BA	8	12	12	14	15	15	15	19	17	10	21	19.	
13	10	11	7	13	9	9	12	14	12	9	10	8	6	9	16	10	25	20	14	13	11	12	13	15	24	25.	
14	14	9	8	10	10	6	4	9	10	14	14	10	11	8	5	14	23	20	17	14	18	18	12	14	24	23.	
15	15	10	13	14	15	12	11	9	16	18	19	16	18	16	15	19	20	22	18	19	17	15	18	19	24	22.	
16	21	26	18	20	11	11	10	16	16	14	14	14	12	14	19	21	13	10	44	37	16	16	18	15	24	44.	
17	14	12	11	14	16	12	9	12	11	10	11	17	26	28	6	9	7	9	11	9	10	14	11	8	24	28.	
18	9	7	10	9	8	12	10	7	10	9	8	13	7	6	6	7	14	9	8	4	1	4	9	6	24	14.	
19	2	2	5	5	3	2	1	2	2	3	2	1	1	4	3	4	4	4	4	2	3	2	-1	2	24	5.	
20	4	5	5	4	6	5	5	9	6	4	3	2	5	7	12	13	12	10	10	8	10	7	7	7	24	13.	
21	8	9	10	9	9	10	8	5	5	5	6	7	4	3	5	6	5	7	5	5	5	3	4	4	24	10.	
22	5	13	9	5	3	5	4	1	3	10	10	5	4	8	8	7	6	6	7	8	7	10	14	14	24	14.	
23	11	12	12	11	13	13	11	10	9	8	6	8	7	7	8	6	6	6	5	12	10	6	14	24	14.		
24	13	12	12	12	14	12	8	7	14	12	11	10	9	13	9	7	10	14	14	17	17	20	27	28	24	28.	
25	18	14	20	30	47	42	31	28	30	18	3	1	2	7	7	16	19	18	16	20	14	15	17	17	24	47.	
26	16	16	12	14	13	10	8	15	10	8	AX	BA	12	15	13	17	21	15	9	7	7	11	8	4	22	21.	
27	2	3	5	3	3	6	5	9	7	7	9	11	7	10	10	12	13	14	12	17	16	19	11	7	24	19.	
28	8	11	11	11	12	8	12	12	16	19	14	13	18	11	15	15	13	14	15	11	6	4	5	5	24	19.	
29	4	2	5	6	14	12	10	10	9	5	2	3	5	4	4	8	7	5	6	7	8	5	7	11	24	14.	
30	12	11	9	17	13	10	17	10	14	14	17	17	16	16	19	17	19	15	19	20	16	24	23	19	24	24.	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	29	28	27	29	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	21.	26.	22.	30.	47.	42.	31.	28.	30.	28.	26.	21.	26.	28.	20.	21.	25.	22.	44.	37.	22.	24.	27.	28.			
AVG:	9.4	9.5	9.8	10.0	9.7	9.2	8.9	9.5	10.1	10.4	9.3	9.1	9.1	9.0	8.5	9.4	11.0	11.2	11.3	10.9	9.8	11.1	11.1	10.6			

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: 9.9 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: 37-081-0013 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 IN CALENDAR YEAR 2015.

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
 PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2016

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	8	6	12	9	9	10	8	11	10	11	10	9	7	7	11	13	10	17	22	27	21	26	24	27.	
2	23	24	26	25	17	13	11	9	6	5	6	7	7	2	0	5	11	10	9	17	17	21	17	17	24	26.	
3	13	15	14	12	10	9	9	7	7	5	5	3	2	2	3	4	7	6	8	8	7	15	11	12	24	15.	
4	8	7	10	11	10	10	10	15	11	11	7	7	5	11	11	9	9	7	4	6	6	10	10	13	24	15.	
5	10	9	11	12	9	7	12	9	10	12	11	12	11	9	16	15	12	12	9	9	9	13	10	9	24	16.	
6	9	13	10	9	9	15	15	9	10	AX	AX	BA	11	8	7	5	6	9	8	6	6	7	5	3	21	15.	
7	5	4	2	1	2	3	1	2	1	2	1	1	3	2	1	0	2	2	4	6	12	10	7	12	24	12.	
8	10	8	6	3	1	2	1	3	2	2	1	1	2	1	0	1	2	3	3	3	2	3	4	8	24	10.	
9	7	9	9	10	9	10	10	10	14	10	7	3	5	5	9	7	5	7	9	7	4	4	5	7	24	14.	
10	5	5	4	7	7	6	6	4	2	2	3	3	2	1	3	2	2	6	12	8	14	11	8	7	24	14.	
11	11	9	8	5	6	7	6	8	6	6	8	8	6	5	4	4	5	6	12	10	10	9	11	10	24	12.	
12	9	11	11	9	7	7	8	9	6	8	13	11	8	7	8	11	11	9	9	11	11	10	9	9	24	13.	
13	8	11	11	7	6	6	6	9	9	12	15	12	10	11	11	14	11	11	9	13	15	12	9	9	24	15.	
14	9	8	8	6	4	8	8	6	6	5	3	3	3	4	5	4	5	6	8	10	8	21	18	13	24	21.	
15	9	11	9	6	9	9	9	13	9	10	10	11	12	12	11	9	14	10	16	13	12	13	12	14	24	16.	
16	14	14	16	13	14	15	13	10	9	12	13	9	10	12	11	8	7	10	11	12	18	24	20	14	24	24.	
17	15	10	10	11	11	12	9	15	13	10	17	9	10	11	11	16	18	17	15	19	18	15	16	14	24	19.	
18	12	17	13	18	12	17	16	12	18	15	18	15	14	12	12	15	19	28	22	17	18	18	17	14	24	28.	
19	18	18	10	13	13	10	13	11	19	14	AX	BA	16	12	11	11	36	25	22	16	16	17	17	17	22	36.	
20	17	12	9	13	13	10	9	15	19	26	27	15	14	13	11	19	21	20	18	21	19	19	22	17	24	27.	
21	16	15	13	12	10	10	9	14	17	14	23	24	6	7	5	6	6	7	6	3	2	2	2	4	24	24.	
22	4	4	4	1	1	3	3	2	4	16	7	6	4	7	11	15	11	8	6	5	11	12	9	7	24	16.	
23	9	7	8	6	5	5	3	8	6	6	6	6	6	4	9	8	15	9	13	14	13	11	10	7	24	15.	
24	8	12	10	9	9	7	13	11	13	14	14	14	13	11	18	15	13	84IK	21	13	10	14	11	11	24	84.	
25	12	11	9	6	8	7	5	9	8	7	6	5	4	5	5	9	35	27	9	10	18	15	15	17	24	35.	
26	17	17	12	11	9	6	10	9	8	10	14	15	17	14	27	43IK	66IK	94IK	17	13	26	16	15	22	24	94.	
27	13	11	13	10	12	9	16	19	24	21	22	14	16	18	24	23	21	23	19	19	20	18	22	19	24	24.	
28	14	14	10	15	7	11	7	15	13	8	9	7	3	6	4	3	6	11	17	18	22	22	24	27	24	27.	
29	20	18	21	16	17	12	13	10	13	14	17	18	22	24	17	19	18	24	29	45IK	27	29	32	32	24	45.	
30	22	22	17	17	20	22	20	21	9	19	11	17	14	14	16	17	14	25	26	25	20	17	17	18	24	26.	
31	16	15	15	15	16	14	17	13	14	11	10	12	11	17	9	11	13	16	12	11	9	10	11	8	24	17.	
NO.:	31	31	31	31	31	31	31	31	31	30	29	29	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	23.	24.	26.	25.	20.	22.	20.	21.	24.	26.	27.	24.	22.	24.	27.	43.	66.	94.	29.	45.	27.	29.	32.	32.			
AVG:	12.0	11.8	10.9	10.2	9.5	9.4	9.6	10.2	10.1	10.6	10.8	9.6	8.9	8.9	9.6	10.8	13.9	17.6	12.7	13.1	13.6	14.4	13.5	13.5			

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 11.5 MONTHLY MAX: 94.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that 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
COLLECTION AND ANALYSIS METHOD: (122) INSTRUMENT MET ONE 4 MODELS BETA A
PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2016

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	8	9	7	10	11	13	16	18	18	19	20	20	17	20	27	26	28	15	15	15	14	17	14	24	28.
2	12IT	17IT	17IT	14IT	15IT	16IT	14IT	17IT	26IT	21IT	22IT	20IT	24IT	24IT	35IT	40IT	35IT	43IT	43IT	30IT	26IT	29IT	26IT	22IT	24	43.
3	17IT	17IT	18IT	17IT	16IT	19IT	21IT	17IT	19IT	26IT	25IT	26IT	25IT	19IT	26IT	24IT	24IT	27IT	29IT	30IT	24IT	24IT	20IT	22IT	24	30.
4	18	18	18	10	7	3	4	5	6	AX	AX	BA	5	6	5	4	4	7	11	16	11	12	10	8	21	18.
5	10	7	6	8	8	9	13	9	5	14	9	7	8	6	5	9	16	18	40	48	44	41	49	36	24	49.
6	26	19	23	15	14	15	11	10	10	7	4	2	0	-1	5	2	8	10	17	22	16	17	15	14	24	26.
7	16	6	7	8	8	9	11	9	8	5	5	16	3	11	8	7	7	24	12	17	12	10	10	24	24.	
8	9	10	9	7	10	12	11	9	12	14	19	14	14	12	10	16	16	15	18	21	19	21	19	19	24	21.
9	16IT	24IT	27IT	29IT	34IT	45IT	53IT	60IT	59IT	50IT	29IT	16IT	13IT	15IT	9IT	8IT	11IT	7IT	4IT	5IT	4IT	9IT	6IT	6IT	24	60.
10	7	5	2	5	6	4	3	7	6	19	21	27	3	13	22	1	26	15	19	22	21	18	10	11	24	27.
11	11	11	10	14	8	9	10	9	9	8	11	14	12	13	17	23	18	26	21	13	14	9	10	12	24	26.
12	11	10	9	7	8	6	8	8	6	9	8	6	6	4	4	9	8	8	12	27	29	28	30	31	24	31.
13	31	37	18	16	14	13	15	14	10	10	7	3	0	1	2	10	9	34	23	18	16	22	28	25	24	37.
14	16	11	14	13	10	9	16	13	16	8	20	12	10	6	AV	9	43	30	11	15	11	13	18	17	23	43.
15	16IT	20IT	12IT	10IT	12IT	14IT	13IT	15IT	42IT	30IT	37IT	31IT	23IT	25IT	27IT	25IT	23IT	34IT	41IT	44IT	41IT	44IT	39IT	42IT	24	44.
16	47IT	50IT	52IT	45IT	39IT	27IT	24IT	20IT	22IT	103IT	45IT	26IT	32IT	34IT	19IT	22IT	22IT	37IT	30IT	30IT	31IT	38IT	39IT	24	103.	
17	42IT	33IT	23IT	21IT	20IT	19IT	15IT	16IT	16IT	19IT	24IT	24IT	22IT	22IT	23IT	19IT	27IT	30IT	26IT	26IT	24IT	26IT	31IT	30IT	24	42.
18	28IT	31IT	23IT	22IT	25IT	26IT	29IT	30IT	31IT	50IT	59IT	80IT	75IT	59IT	68IT	65IT	78IT	105IT	65IT	58IT	60IT	59IT	59IT	52IT	24	105.
19	45IT	49IT	40IT	37IT	35IT	31IT	31IT	30IT	31IT	39IT	38IT	27IT	39IT	43IT	30IT	28IT	16IT	14IT	12IT	10IT	10IT	9IT	8IT	5IT	24	49.
20	3	6	8	6	7	8	9	7	10	10	14	13	10	10	8	8	10	10	8	7	8	7	6	5	24	14.
21	3	5	7	6	5	5	5	7	12	8	8	6	AX	BA	6	7	7	14	9	8	8	9	12	13	22	14.
22	11	11	7	5	5	7	6	4	7	10	8	12	7	6	13	8	25	17	24	20	16	23	26	31	24	31.
23	26	19	26	20	15	18	14	15	16	36	42	21	16	19	13	19	68	26	19	28	18	14	19	15	24	68.
24	15IT	18IT	16IT	17IT	15IT	17IT	15IT	14IT	14IT	22IT	13IT	20IT	15IT	23IT	20IT	16IT	51IT	20IT	24IT	24IT	32IT	26IT	25IT	24	51.	
25	26IT	26IT	24IT	25IT	22IT	22IT	23IT	18IT	20IT	17IT	11IT	14IT	8IT	7IT	12IT	8IT	8IT	26IT	17IT	15IT	28IT	19IT	12IT	20IT	24	28.
26	11	7	5	3	4	4	3	4	6	5	9	7	3	5	7	8	9	8	9	8	13	9	8	6	24	13.
27	10	11	9	7	6	6	10	7	6	4	5	6	8	8	9	9	11	19	18	24	33	42	42	44	24	44.
28	37IT	33IT	29IT	18IT	19IT	18IT	17IT	11IT	14IT	20IT	18IT	16IT	18IT	17IT	AZ	16IT	19IT	10IT	20IT	11IT	14IT	10IT	13IT	22	37.	
29	9	9	7	10	10	8	7	11	14	11	13	10	4	0	-1	2	3	2	2	6	6	6	4	4	24	14.
30	3	-1	-3	0	11	8	9	7	11	6	10	7	8	10	7	8	8	6	5	7	6	7	3	-3	24	11.
31																									0	

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: 17.5 MONTHLY MAX: 105.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("**") indicates that 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 IN CALENDAR YEAR 2015.

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 2016

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	7	5	5	6	8	8	6	7	5	4	4	3	3	5	8	7	6	9	9	6	6	24	9.	
2	7	9	8	6	4	4	5	6	8	5	3	2	4	6	7	4	8	11	9	8	6	18	16	7	24	18.	
3	9	9	7	6	7	6	6	10	10	8	6	6	4	3	5	10	10	8	8	16	26	11	9	8	24	26.	
4	5	3	8	6	5	4	7	8	8	7	7	7	8	11	9	8	10	12	9	9	8	8	8	9	24	12.	
5	7	4	2	3	3	2	2	3	5	6	4	1	1	2	3	0	3	4	2	1	1	2	9	7	24	9.	
6	3	4	5	4	4	4	5	7	8	7	6	3	AV	0	1	0	-1	0	1	3	4	5	5	6	23	8.	
7	7	7	6	6	5	5	7	9	9	6	5	3	2	4	3	4	6	6	13	10	13	17	16	16	24	17.	
8	18	19	23	15	19	16	8	10	10	8	8	5	3	3	3	3	4	4	3	5	5	6	4	4	24	23.	
9	4	3	6	6	5	8	6	8	6	AX	BA	4	3	4	7	6	8	8	9	9	5	9	10	7	22	10.	
10	10	8	7	6	5	5	3	3	7	7	8	5	4	7	6	6	6	5	22	29	33	47	51	66	24	66.	
11	65	63	53	49	38	32	33	32	29	21	16	12	10	6	5	10	9	12	13	20	18	12	16	14	24	65.	
12	12	14	12	18	12	17	20	26	26	27	24	16	18	15	15	13	16	18	15	23	20	36	19	9	24	36.	
13	11	8	4	4	7	6	5	6	6	8	8	5	7	6	7	8	6	8	9	8	14	12	13	9	24	14.	
14	13	9	8	6	7	8	5	6	9	5	6	5	2	1	2	2	3	7	13	16	17	19	15	19	24	19.	
15	21	16	12	14	13	9	7	13	10	7	6	6	8	6	7	8	5	5	10	6	8	8	6	5	24	21.	
16	5	7	5	8	5	3	4	5	8	11	10	6	10	10	11	8	13	10	12	10	8	10	12	14	24	14.	
17	15	13	15	17	14	18	22	21	24	20	19	16	5	8	14	14	15	21	17	24	22	19	25	22	24	25.	
18	22	27	24	22	18	17	20	13	9	5	7	8	10	5	0	0	2	3	3	3	2	5	5	4	24	27.	
19	3	7	8	5	7	8	7	9	7	9	8	6	AX	AX	7	9	7	8	6	7	7	5	6	6	22	9.	
20	6	5	4	5	6	6	7	8	12	10	7	8	10	9	12	13	14	11	20	18	26	36	27	18	24	36.	
21	21	15	14	14	15	16	13	19	26	21	6	5	6	8	11	12	13	11	29	24	31	36	30	15	24	36.	
22	12	13	13	15	15	16	16	16	16	14	18	14	10	10	15	8	10	12	14	10	8	9	8	8	24	18.	
23	6	10	10	11	8	8	8	10	11	16	14	10	9	9	10	11	14	13	15	16	13	18	13	17	24	18.	
24	12	15	14	15	14	17	11	15	15	19	19	18	21	20	20	21	21	24	22	19	25	31	26	26	24	31.	
25	26	25	24	21	19	16	17	16	22	10	13	8	6	4	6	9	9	12	12	10	14	9	9	9	24	26.	
26	7	6	9	6	5	6	4	5	3	5	11	9	6	7	9	9	11	8	10	13	12	16	22	17	24	22.	
27	14	12	15	18	25	16	10	12	7	5	5	5	3	3	3	5	6	4	5	8	7	10	8	6	24	25.	
28	4	2	3	7	7	3	4	4	3	4	4	3	1	1	1	2	5	5	10	13	8	17	16	19	24	19.	
29	15	14	8	7	9	8	7	6	5	4	9	7	3	3	4	4	4	3	4	3	2	3	4	3	24	15.	
30	1	3	5	5	4	3	3	5	3	2	4	5	5	3	11	8	4	5	19	27	24	17	23	25	24	27.	
31	30	35	30	25	21	16	12	9	8	13	10	6	5	4	6	7	9	7	8	7	6	6	9	8	24	35.	
NO.:	31	31	31	31	31	31	31	31	31	30	30	31	29	30	31	31	31	31	31	31	31	31	31	31	31	31	
MAX:	65.	63.	53.	49.	38.	32.	33.	32.	29.	27.	24.	18.	21.	20.	20.	21.	21.	24.	29.	29.	33.	47.	51.	66.			
AVG:	12.5	12.5	11.8	11.5	10.7	9.9	9.4	10.6	10.9	9.9	9.3	7.1	6.5	6.1	7.2	7.3	8.2	8.8	11.3	12.3	13.0	15.0	14.4	13.2			

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 10.4 MONTHLY MAX: 66.

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

(81102) PM10 Total 0-10um STP

SITE ID: 37-117-0001 POC: 7
 COUNTY: (117) Martin
 CITY: (34320) Jamesville
 SITE ADDRESS: 1210 Hayes Street
 SITE COMMENTS:
 MONITOR COMMENTS:

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

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

SUPPORT AGENCY: (0776) North Carolina Dept Of 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: 2016

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	11		19									
2												
3												
4												
5												
6		6										
7	9		9									
8												
9												
10												
11												
12		6										
13	4		11									
14												
15												
16												
17												
18		9										
19	3 V		13									
20												
21												
22												
23												
24		12										
25	6		15									
26												
27												
28												
29												
30												
31	7		14									
NO.:	6	4	6	0	0	0	0	0	0	0	0	0
MAX:	11.	12.	19.									
MEAN:	6.7	8.3	13.5									
ANNUAL OBSERVATIONS:	16											
ANNUAL MEAN:	9.6											
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.

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: 2016

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

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1												
2											11	7
3												
4												
5												
6												
7												
8											7	8
9												
10												
11												
12												
13												
14												10
15												
16											15	
17												
18												
19												
20												8
21										11 6		
22											7	
23												
24												
25												
26												9
27										9 6		
28												
29												
30												
31												
NO.:	0	0	0	0	0	0	0	0	0	2	4	5
MAX:										11.	15.	10.
MEAN:										10.0	10.0	8.4
ANNUAL OBSERVATIONS:	11											
ANNUAL MEAN:	9.3											
ANNUAL MAX:	15.											

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that 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: AUGUST 2016

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

HOURLY		0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1																										0		
2																											0	
3																											0	
4																											0	
5																											0	
6																											0	
7																											0	
8																											0	
9																											0	
10																											0	
11																											0	
12																											0	
13																											0	
14																											0	
15																											0	
16																											0	
17																											0	
18																											0	
19																											0	
20																											0	
21																											0	
22																											0	
23																											0	
24																											0	
25																											0	
26											AX	BA	BA	BA	BA	10	12	11	9	5	0	5	4	6	2	10	12.	
27	13	15	0	9	7	8	10	24	3	17	13	10	16	13	5	2	-3	9	OMD	0	-1	OMD	16	-5	24	24.		
28	-4	-4	4	14	7	5	15	9	5	7	6	1	7	10	9	16	15	2	16	8	10	7	6	2	24	16.		
29	19	8	5	OMD	13	0	-4	-1	0	42	23	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	11	42.	
30	OMD	OMD	OMD	OMD	OMD	OMD	OMD	OMD	OMD	OMD	OMD	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	11	0.	
31	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	1	1	1.
NO.:	4	4	4	4	4	4	4	4	4	4	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4			
MAX:	19.	15.	5.	14.	13.	8.	15.	24.	5.	42.	23.	10.	16.	13.	10.	16.	15.	9.	16.	8.	10.	7.	16.	2.				
AVG:	7.0	4.8	2.3	5.8	6.8	3.3	5.3	8.0	2.0	16.5	10.5	5.5	11.5	11.5	8.0	10.0	7.7	6.7	7.0	2.7	4.7	3.7	9.3	0.0				

MONTHLY OBSERVATIONS: 81 MONTHLY MEAN: 6.5 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: 37-183-0014 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: SEPTEMBER 2016

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	11	14	9	8	12	18	16	16	16	18	18	25	26	12	15	20	11	13	14	21	8	19	14	24	26.	
2	14	13	9	12	10	7	11	19	21	17	14	9	12	12	6	11	7	8	6	8	4	2	0	0	24	21.	
3	1	1	1	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	3	1.
4	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
5	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
6	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
7	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
8	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
9	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BA	BA	BA	30	29	OMD	OMD	29	35	26	25	8	35.	
10	20	20	20	20	19	15	18	23	22	28	28	29	28	30	38	37	32	35	33	27	31	24	20	16	24	38.	
11	17	20	18	18	22	22	23	19	29	28	22	23	22	16	17	14	12	9	10	25	17	19	13	12	24	29.	
12	11	11	11	10	13	11	14	16	19	34	29	21	20	19	20	19	19	24	21	20	19	16	18	17	24	34.	
13	11	14	13	5	7	8	9	18	24	21	17	22	16	16	20	20	22	20	22	20	20	18	15	15	24	24.	
14	14	16	12	14	13	13	16	32	26	19	25	24	26	19	21	23	19	27	20	18	17	17	15	15	24	32.	
15	14	15	16	14	16	12	13	27	AZ	AZ	BA	BA	24	37	32	38	29	33	28	21	25	23	17	18	20	38.	
16	20	20	18	16	16	11	16	16	16	25	24	32	22	28	31	24	19	24	22	19	22	16	17	16	24	32.	
17	14	14	10	12	15	10	7	9	19	26	21	26	17	14	15	14	22	17	15	15	17	13	11	10	24	26.	
18	14	9	12	10	9	5	4	6	10	12	13	10	12	11	11	16	16	13	10	7	8	7	6	7	24	16.	
19	8	8	9	10	9	13	13	18	AN	AN	AN	AN	BA	BA	BA	11	7	6	9	8	6	5	8	8	17	18.	
20	6	10	6	8	10	9	12	7	6	8	8	6	8	AN	AN	AN	AN	AN	AN	8	12	13	11	8	21	13.	
21	7	9	8	6	5	4	5	AN	AN	AN	AN	AN	AN	AN	AN	BA	BA	BA	6	7	7	7	7	6	13	9.	
22	7	5	6	5	12	7	6	9	8	5	5	5	3	8	10	7	12	8	5	7	12	12	14	13	24	14.	
23	15	19	20	12	15	19	11	12	14	10	17	12	10	14	13	12	8	13	9	7	15	15	17	13	24	20.	
24	13	12	12	12	16	13	13	17	17	22	22	18	27	28	20	28	22	17	26	23	27	30	29	26	24	30.	
25	31	29	30	29	27	25	21	17	17	13	12	24	15	17	17	16	19	13	16	12	12	10	6	10	6	24	31.
26	10	6	10	9	6	11	6	10	6	12	6	17	6	16	6	14	6	22	6	16	6	15	6	17	6	20	22.
27	18	6	17	6	13	6	16	6	13	6	9	6	10	6	12	6	16	14	12	9	16	13	12	16	16	24	18.
28	16	12	12	13	14	15	18	21	AX	AX	BA	BA	26	21	20	22	19	14	13	14	14	16	12	11	20	26.	
29	9	5	5	8	6	5	9	12	12	14	11	11	9	8	6	6	10	9	14	14	11	9	10	12	24	14.	
30	17	18	16	18	18	16	19	16	12	12	14	12	14	11	9	11	11	12	11	13	13	10	13	13	24	19.	
31																										0	
NO.:	24	24	24	23	23	23	23	22	19	19	19	19	21	20	20	21	23	23	24	24	24	24	24	24	24	24	
MAX:	31.	29.	30.	29.	27.	25.	23.	32.	29.	34.	29.	32.	28.	37.	38.	38.	32.	35.	33.	27.	31.	35.	29.	26.			
AVG:	13.5	13.3	12.5	12.7	13.2	11.8	12.9	16.0	16.6	17.9	17.3	17.1	17.0	17.9	17.1	17.8	17.3	16.3	14.2	14.0	16.2	14.9	14.3	13.3			

MONTHLY OBSERVATIONS: 534 MONTHLY MEAN: 15.1 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: 37-183-0014 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: OCTOBER 2016

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	21	18	17	16	16	19	13	16	17	24	22	24	20	19	17	21	25	18	16	20	21	23	27	24	24	27.				
2	27	24	25	23	23	22	20	23	24	28	18	20	19	20	25	19	19	19	17	18	18	20	17	16	24	28.				
3	17	14	19	14	16	15	14	19	24	32	11	9	16	8	10	9	12	17	13	12	13	14	15	14	24	32.				
4	16	15	11	17	15	15	17	13	17	16	9	11	10	14	17	14	14	13	14	15	17	9	12	11	24	17.				
5	11	9	12	6	8	6	14	6	16	16	18	20	17	16	16	16	14	17	16	16	15	13	12	12	10	24	20.			
6	11	13	12	11	9	6	10	6	10	10	12	7	8	8	8	6	12	9	9	14	17	11	10	7	3	24	17.			
7	6	4	3	5	4	6	5	6	12	10	12	13	11	8	8	5	9	8	6	10	14	9	13	24	14.					
8	11	8	7	8	8	6	4	3	2	2	2	3	3	2	4	2	2	4	5	5	4	4	4	4	24	11.				
9	3	2	5	8	7	8	9	8	10	6	12	9	9	9	10	6	6	7	7	6	6	6	5	4	24	12.				
10	4	5	4	3	6	3	4	4	4	5	4	5	4	3	6	5	4	7	8	7	4	5	4	4	24	8.				
11	4	4	6	3	6	4	6	3	6	5	6	6	6	AX	AX	AX	BA	BA	9	6	8	8	7	9	6	7	3	6	19	9.
12	5	5	7	6	3	5	5	5	11	12	8	12	13	10	10	12	16	10	8	11	12	7	5	4	6	24	16.			
13	5	5	4	6	6	5	6	11	14	18	15	19	18	15	17	19	14	14	16	14	10	17	17	8	24	19.				
14	7	8	11	10	7	7	6	5	8	10	6	5	7	8	9	15	7	6	16	11	10	9	7	10	24	16.				
15	12	7	8	6	5	6	6	9	12	9	10	8	9	11	9	14	10	14	10	8	7	13	9	12	24	14.				
16	11	10	9	7	9	8	10	10	6	11	13	14	14	16	15	12	19	17	12	16	16	15	13	17	24	19.				
17	17	12	10	10	10	14	29	25	25	16	20	25	25	24	28	19	21	12	18	22	14	21	20	20	24	29.				
18	14	20	12	15	9	14	10	17	23	19	27	35	26	27	22	24	19	24	22	26	27	18	18	21	24	35.				
19	14	14	14	10	12	14	14	17	20	20	27	25	21	25	22	27	38	19	19	24	24	23	19	14	24	38.				
20	17	19	22	18	13	12	21	10	26	31	20	29	28	21	22	29	18	13	22	18	17	9	14	7	24	31.				
21	12	2	5	8	9	15	6	6	10	12	12	17	23	21	20	11	6	4	8	5	5	5	6	3	24	23.				
22	2	2	4	3	1	2	1	2	6	4	12	9	10	7	5	10	8	8	5	4	4	4	5	2	24	12.				
23	3	4	4	5	3	3	2	4	3	4	5	7	12	12	11	11	11	10	14	11	12	11	11	11	24	14.				
24	10	6	7	10	8	6	14	20	20	AX	AX	AX	BA	BA	26	33	19	13	17	18	16	14	9	11	19	33.				
25	9	9	9	7	6	6	7	6	8	AX	AX	BA	BA	8	12	11	9	11	11	10	9	7	6	7	20	12.				
26	5	4	4	3	5	2	4	7	10	11	14	6	14	11	17	18	12	9	13	11	11	7	9	8	24	18.				
27	7	7	6	6	6	7	7	10	12	15	19	21	10	19	23	21	27	25	20	16	21	15	11	17	24	27.				
28	17	16	18	13	11	11	11	14	12	16	15	11	9	17	9	8	8	7	8	11	10	7	7	8	24	18.				
29	9	8	5	9	7	4	7	10	16	15	12	18	18	18	18	27	23	24	25	25	20	25	17	19	24	27.				
30	19	15	15	17	17	14	13	21	20	18	26	24	24	19	27	21	21	20	25	20	22	22	17	18	24	27.				
31	17	15	15	13	18	11	52	17	11	8	10	13	11	10	15	10	9	7	8	8	6	6	10	7	24	52.				
NO.:	31	31	31	31	31	31	31	31	31	28	28	28	28	29	31	31	31	31	31	31	31	31	31	31	31					
MAX:	27.	24.	25.	23.	23.	22.	52.	25.	26.	32.	27.	35.	28.	27.	28.	33.	38.	25.	25.	27.	25.	25.	27.	24.						
AVG:	11.1	9.8	9.9	9.6	9.1	9.3	11.3	11.5	13.5	14.1	13.9	14.9	14.5	14.0	15.1	15.3	13.9	12.6	13.7	13.5	12.6	12.2	11.1	10.8						

MONTHLY OBSERVATIONS: 730 MONTHLY MEAN: 12.3 MONTHLY MAX: 52.

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

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 2016

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	7	5	7	5	5	4	7	10	8	12	14	14	12	14	15	21	12	15	13	15	10	9	9	24	21.	
2	10	7	6	6	9	11	10	13	27	34	30	30	32	32	32	33	37	28	28	24	21	26	19	23	24	37.	
3	20	16	21	19	16	18	17	23	22	27	34	AZ	AZ	BA	BA	42	30	34	35	34	30	29	28	20	42.		
4	23	26	18	18	3	5	5	5	11	3	10	7	7	6	5	10	6	4	7	5	6	6	5	3	24	26.	
5	5	3	3	4	2	3	3	6	5	7	6	4	8	6	6	12	9	5	8	6	7	6	6	8	24	12.	
6	7IT	7IT	6IT	5IT	4IT	4IT	5IT	6IT	10IT	9IT	11IT	8IT	11IT	8IT	6IT	5IT	7IT	8IT	5IT	7IT	7IT	6IT	7IT	5IT	24	11.	
7	5	3	3	4	4	2	2	5	7	7	6	8	6	8	9	6	6	6	7	4	5	4	4	4	24	9.	
8	3	1	2	1	1	1	1	3	8	11	15	9	11	12	13	12	14	19	19	19	12	14	10	11	24	19.	
9	9IT	8IT	8IT	7IT	6IT	8IT	8IT	11IT	21IT	25IT	33IT	28IT	37IT	36IT	13IT	7IT	7IT	5IT	4IT	4IT	3IT	6IT	4IT	4IT	24	37.	
10	2	4	3	3	3	1	1	2	5	5	8	6	6	7	10	7	4	14	15	16	10	9	7	7	24	16.	
11	9	7	8	7	8	4	6	8	9	7	14	14	12	13	16	16	19	14	16	15	10	8	8	10	24	19.	
12	8	6	5	5	5	1	1	2	3	3	4	4	5	5	7	5	3	4	5	3	1	1	0	0	24	8.	
13	0IT	0IT	0IT	-1IT	-1IT	0IT	0IT	0IT	3IT	7IT	5IT	5IT	4IT	6IT	8IT	6IT	18IT	10IT	8IT	11IT	10IT	11IT	9IT	9IT	24	18.	
14	9	7	4	5	6	4	5	4	3	4	4	11	11	4	8	8	4	6	6	7	5	3	6	5	24	11.	
15	5IT	2IT	3IT	2IT	4IT	3IT	3IT	5IT	6IT	8IT	9IT	7IT	15IT	17IT	13IT	22IT	19IT	17IT	19IT	15IT	16IT	14IT	14IT	11IT	24	22.	
16	12IT	9IT	7IT	6IT	5IT	5IT	5IT	9IT	18IT	22IT	22IT	11IT	16IT	18IT	19IT	25IT	21IT	20IT	18IT	20IT	19IT	20IT	18IT	16IT	24	25.	
17	11IT	14IT	13IT	9IT	11IT	8IT	7IT	11IT	15IT	19IT	17IT	AX	AX	BA	BA	14IT	16IT	17IT	19IT	18IT	15IT	12IT	12IT	11IT	20	19.	
18	8IT	8IT	5IT	8IT	5IT	5IT	4IT	9IT	15IT	24IT	31IT	33IT	61IT	62IT	63IT	67IT	76IT	77IT	69IT	57IT	53IT	51IT	46IT	40IT	24	77.	
19	38IT	36IT	31IT	28IT	24IT	22IT	19IT	23IT	25IT	32IT	27IT	32IT	25IT	21IT	29IT	42IT	20IT	13IT	7IT	5IT	3IT	2IT	2IT	2IT	24	42.	
20	2	3	1	2	3	2	1	2	2	4	4	3	6	4	6	10	7	4	4	4	2	1	1	0	24	10.	
21	0	0	0	0	0	0	2	3	3	4	2	4	5	5	6	6	5	4	6	3	5	3	2	2	24	6.	
22	2	0	1	1	1	0	0	1	4	4	3	4	5	5	5	7	7	7	5	4	3	3	1	1	24	7.	
23	0IT	0IT	-1IT	-1IT	0IT	-1IT	-1IT	0IT	4IT	6IT	10IT	17IT	14IT	17IT	12IT	14IT	13IT	17IT	13IT	11IT	12IT	12IT	12IT	13IT	24	17.	
24	11IT	10IT	10IT	10IT	11IT	9IT	9IT	11IT	12IT	14IT	12IT	18IT	17IT	17IT	15IT	18IT	16IT	19IT	14IT	15IT	14IT	14IT	17IT	16IT	24	19.	
25	13IT	14IT	15IT	14IT	14IT	14IT	15IT	15IT	25IT	26IT	25IT	23IT	20IT	23IT	20IT	23IT	19IT	19IT	26IT	21IT	23IT	20IT	22IT	17IT	24	26.	
26	18IT	19IT	16IT	9IT	10IT	10IT	12IT	10IT	11IT	6IT	8IT	8IT	7IT	7IT	7IT	6IT	3IT	3IT	3IT	3IT	1IT	2IT	2IT	2IT	24	19.	
27	1IT	0IT	0IT	0IT	0IT	0IT	0IT	0IT	3IT	5IT	4IT	5IT	5IT	4IT	7IT	6IT	4IT	6IT	4IT	5IT	3IT	3IT	2IT	24	7.		
28	3IT	1IT	1IT	1IT	0IT	0IT	0IT	8IT	4IT	9IT	9IT	10IT	11IT	AX	BA	BA	9IT	16IT	14IT	11IT	11IT	7IT	9IT	7IT	21	16.	
29	8	9	13	10	6	10	15	11	19	23	20	19	15	16	10	20	17	10	17	13	12	11	9	9	24	23.	
30	5	7	5	8	12	15	17	15	18	18	21	15	20	20	18	11	15	17	16	20	17	9	13	10	24	21.	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	29	28	27	27	28	30	30	30	30	30	30	30	30	30		
MAX:	38.	36.	31.	28.	24.	22.	19.	23.	27.	34.	34.	33.	61.	62.	63.	67.	76.	77.	69.	57.	53.	51.	46.	40.			
AVG:	8.5	7.8	7.1	6.6	5.9	5.6	5.9	7.6	10.9	12.7	13.9	13.4	14.5	14.5	14.0	15.5	15.5	14.4	14.4	13.1	11.9	10.8	10.2	9.5			

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: 10.9 MONTHLY MAX: 77.

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that 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: DECEMBER 2016

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	6	8	11	11	5	8	6	8	7	7	7	10	8	9	7	11	9	11	8	7	5	5	4	24	11.
2	3	4	2	1	1	1	1	3	5	6	5	4	5	5	8	9	8	5	7	10	7	5	5	5	24	10.
3	3	2	3	1	1	1	1	1	2	5	5	4	5	4	6	4	4	6	3	5	6	5	4	4	24	6.
4	3	4	4	4	3	3	3	3	3	3	4	4	5	4	4	5	5	6	6	4	4	4	4	5	24	6.
5	2	3	4	1	1	1	2	2	4	4	5	5	4	3	3	5	3	5	5	6	5	3	3	4	24	6.
6	4	3	5	4	3	2	5	6	5	4	2	2	1	2	1	2	2	3	2	2	2	1	1	2	24	6.
7	2	2	2	2	2	2	1	2	4	6	3	3	7	6	8	6	11	8	5	8	5	6	6	6	24	11.
8	8	7	7	8	7	6	6	10	11	9	AX	BA	BA	4	6	3	3	3	2	3	3	2	1	1	21	11.
9	1	1	0	0	0	0	0	0	0	1	1	2	2	2	2	1	1	0	0	0	0	0	0	0	24	2.
10	0	0	0	-1	-1	-1	-2	-1	0	1	1	2	1	1	2	2	2	1	0	0	0	-2	-1	-3	24	2.
11	-4	-5MD	-4	0MD	-4	-4	-5MD	-4	0	2	3	3	3	4	3	4	3	4	4	5	5	4	6	6	24	6.
12	4	4	4	4	5	5	6	6	7	11	16	12	17	17	15	14	16	15	14	12	11	9	8	6	24	17.
13	6	4	3	3	3	3	2	6	7	5	9	11	12	11	8	8	10	6	7	9	8	7	9	10	24	12.
14	9	10	8	9	7	7	6	7	5	4	7	4	2	4	5	5	5	5	5	5	6	5	6	4	24	10.
15	3	2	3	2	1	2	2	2	2	4	3	3	2	2	1	2	1	1	0	0	0	0	-1	-1	24	4.
16	-1	-1	-1	-1	-2	-1	-2	-2	-2	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0.
17	0	0	0	0	0	0	0	0	0	0	1	3	6	6	7	8	8	14	13	13	13	14	12	11	24	14.
18	13	10	11	16	13	11	14	7	14	13	10	16	18	13	13	10	9	16	10	9	4	4	3	3	24	18.
19	2	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24	3.
20	1	1	1	1	1	0	0	0	0	1	2	AX	AX	BA	BA	5	5	2	2	4	2	2	3	2	20	5.
21	2	0	0	0	0	0	0	1	6	9	7	7	6	7	10	6	8	7	7	6	4	4	5	3	24	10.
22	4	3	4	4	4	4	3	5	8	9	12	22	16	17	12	14	12	9	12	6	6	4	4	3	24	22.
23	2	1	2	1	1	0	0	1	3	4	6	5	8	8	7	8	5	5	6	8	5	5	5	6	24	8.
24	5	7	7	5	7	6	6	6	5	6	8	8	16	22	14	16	15	11	15	15	16	16	15	13	24	22.
25	13	11	13	12	10	8	8	7	5	6	3	5	4	7	4	6	7	8	11	7	7	6	5	6	24	13.
26	5	5	3	4	3	3	5	5	5	6	6	7	8	7	6	10	9	10	11	12	13	11	12	11	24	13.
27	7	7	6	7	5	5	3	5	8	6	8	7	5	7	6	14	13	10	10	11	8	12	6	8	24	14.
28	6	5	5	3	3	2	2	3	5	4	3	5	4	3	7	5	7	12	6	5	5	5	6	3	24	12.
29	3	4	4	4	5	3	5	5	7	8	7	8	8	11	11	9	6	3	3	2	1	2	2	2	24	11.
30	1	2	1	1	1	2	1	1	2	4	2	2	3	2	2	2	2	2	1	1	1	0	1	0	24	4.
31	0	-1	-1	-1	-1	-2	-1	-1	1	3	3	3	3	3	5	5	4	4	3	3	4	4	4	4	24	5.
NO.:	31	31	31	31	31	31	31	31	31	31	30	29	29	30	30	31	31	31	31	31	31	31	31	31	24	
MAX:	13.	11.	13.	16.	13.	11.	14.	10.	14.	13.	16.	22.	18.	22.	15.	16.	16.	16.	15.	15.	16.	16.	15.	13.		
AVG:	3.7	3.4	3.5	3.5	3.0	2.5	2.6	3.0	4.2	4.9	5.0	5.7	6.3	6.4	6.2	6.4	6.3	6.2	5.9	5.8	5.1	4.6	4.5	4.2		

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: 4.7 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: 37-183-0014 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: 2016

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		22					12				
2						13	12				24	9
3		12		7	10				7	15		
4	5		7					12				
5						10	17				9	4
6		7		10	4				14	11		
7	9		14					11				
8						11	14				14	8
9		5		7	20				23	5		
10	3		20					18				
11						19	15				13	15
12		9		8	18				15	10		
13	7		15					11				
14						17	29				9	12
15		5		10	6		18		20	11		
16	6		19					11				
17						8	10				22	17
18		6		16	7				7	18		
19	5 V		17					11				
20						15	12				7	9
21		21		22	5				4	9		
22	8 V		13					10				
23						21	16				19	11
24		7		9	11				17	15		
25	14		21					18				
26						12	17	19			11	11
27		8		20	15				13	16		
28	13		9					15				
29						15	12				14	7
30				10	9				11	20		
31	13		15					16				
NO.:	11	9	11	10	10	10	11	12	10	10	10	10
MAX:	14.	21.	22.	22.	20.	21.	29.	19.	23.	20.	24.	17.
MEAN:	8.0	8.9	15.6	11.9	10.5	14.1	15.6	13.7	13.1	13.0	14.2	10.3
ANNUAL OBSERVATIONS:		124		ANNUAL MEAN:	12.5	ANNUAL MAX:	29.					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

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

REPORT FOR: 2016

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	4		21									
2											24	9
3									8	15		
4								12				
5						10	17					
6		7		10	4							
7	9		15									
8											13	8
9									23	5		
10								19				
11						19						
12		9		9	18							
13	7		15									
14							29				9	11
15									20	11		
16								10				
17						8	10					
18		7		16	7							
19	4 V		17									
20											6	8
21										3	9	
22								10				
23						20	16					
24		7		9	11							
25	17		20									
26											12	11
27									12	16		
28								15				
29						14	13					
30				13	9							
31	12		15									
NO.:	6	4	6	5	5	5	5	5	5	5	5	5
MAX:	17.	9.	21.	16.	18.	20.	29.	19.	23.	16.	24.	11.
MEAN:	8.8	7.5	17.2	11.4	9.8	14.2	17.0	13.2	13.2	11.2	12.8	9.4
ANNUAL OBSERVATIONS:	61		ANNUAL MEAN:		12.2	ANNUAL MAX:		29.				

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QUALIFIER CODES:

Qualifier Code	Qualifier Description	Qualifier Type
2	Operational Deviation	QA
5	Outlier	QA
6	QAPP Issue	QA
AC	Construction/Repairs in Area	NULL
AF	Scheduled but not Collected	NULL
AI	Insufficient Data (cannot calculate)	NULL
AJ	Filter Damage	NULL
AN	Machine Malfunction	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
BJ	Operator Error	NULL
BK	Site computer/data logger down	NULL
DL	Detection Limit Analyses	NULL
IK	Infrequent Large Gatherings	INFORM
IT	Wildfire-U. S.	INFORM
MD	Value less than MDL	QA
V	Validated Value	QA

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 and those without regional concurrence are shown in lower case.